Phase II Environmental Site Assessment

600-628 South San Pedro Street and 611-615 Crocker Street
Los Angeles, CA 90021

AEC Project No. 18-027SD
March 28, 2018

Prepared For:

Weingart Tower LP
6339 Paseo Del Lago
Carlsbad, CA 92011

Prepared By:

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ADVANTAGE
ENVIRONMENTAL
CONSULTANTS, LLC.

March 28, 2018

Mr. Ron Brockhoff
Weingart Tower LP
6339 Paseo Del Lago
Carlsbad, CA 92011

Subject: Phase II Environmental Site Assessment
600-628 South San Pedro Street and 611-615 Crocker Street
Los Angeles, CA 90021
AEC Project No. 18-027SD

Dear Mr. Brockhoff:

Advantage Environmental Consultants, LLC (AEC) has performed a Phase II Environmental Site Assessment (ESA) at the above-referenced property. This report includes AEC's findings, conclusions, recommendations and supporting documentation. We appreciate the opportunity to be of service to you on this project. If you should have any questions regarding this report, or if we can be of further assistance, please contact us at (760) 744-3363.

Sincerely,

Daniel Weis, R.E.H.S.
Branch Manager
Western Regional Office

Eric M. Cathcart, MS, PG
Senior Geologist
California PG# 7548

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1.0 INTRODUCTION

1.1 Project Introduction

On behalf of Wiengart Tower, LP, AEC has prepared this Phase II Environmental Site Assessment (ESA) for the property located at 600-628 South San Pedro Street and 611-615 Crocker Street in Los Angeles, California (i.e. the Site). This assessment has been conducted in accordance with our proposal dated February 19. 2018.

1.2 Site Location and Description

The Site is located at 600-628 South San Pedro Street and 611-615 Crocker Street in Los Angeles, California. The Site is situated south of the intersection of South San Pedro Street and 6th Street. The Site is currently an asphalt paved parking lot and is further identified by County of Los Angeles Assessor's Identification Number 5147-026-033. Future development plans for the Site include mass excavation and soil export for the construction of a single-level subterranean parking garage in the northern portion of the Site, with residential units above. Other areas of the Site will reportedly be subject to mass grading for future at-grade mixed-use improvements. A Vicinity Map is included as Figure 1.

1.3 Project Objective

AEC has completed a Phase I ESA concurrently with the Phase II study. During the course of the completion of the Phase I ESA, it was revealed that a gasoline station formerly occupied the northern portion of the Site. Therefore, the primary objective of this assessment is to evaluate for the potential presence of petroleum hydrocarbon impacted media beneath the Site and possible vapor intrusion into the future Site subterranean parking structure.

2.0 FIELD INVESTIGATION

Geophysical Survey

On February 10, 2018, Southwest Geophysics, Inc. (SGI), a subcontractor to AEC, completed a geophysical survey and boring location clearance in the northern portion of the Site (former gasoline station area). Geophysical survey methods utilized during the evaluation included ground penetrating radar (GPR), electromagnetic technologies (EM) and other methods as described in the attached geophysical survey report (Appendix A). As described in the geophysical survey report, the results of the survey did not conclusively reveal the presence of underground storage tanks (USTs). However, three relatively large EM anomalies and three possible excavation features were identified during the survey. In addition, several small EM anomalies and unidentified lines were also detected. The features/anomalies are discussed as anomalies A, B, C and Possible Excavation Features in the attached geophysical survey report. Although anomalies A, B and C were noted as being potentially associated with buried structures, GPR readings did not reveal parabolic signatures indicative of actual tanks. The presence of several buried lines (including potential utilities) prohibited invasive evaluation in such areas.

The geophysical evaluation was conducted in general accordance with current industry standards for consultants and contractors performing similar tasks. However, variations to the subsurface features noted during the completion of this geophysical survey may exist. Uncertainties of subsurface conditions can be reduced through additional subsurface surveying and/or exploration. It should also be noted that geophysical surveys are limited by a variety of factors including soil type, cultural interferences, and surface metal mass. While the conclusions of this Phase II ESA are in part based on the findings of the geophysical survey, the survey and our ESA report are not guarantees that a tank or tanks do not exist at the Site.

Soil and Soil Gas Sampling and Analysis

AEC notified Underground Service Alert utility marking service prior to the commencement of field sampling and in accordance with State law. In addition, AEC prepared a health and safety plan that outlined the procedures that AEC's personnel and subcontractors followed to minimize the potential for health and safety hazards during the course of work to be performed at the Site. As stated previously, a boring location clearance was conducted on February 10, 2018, by SGI.

Ten soil borings (identified as B1 through B10) were advanced at the Site on March 3, 2018, using a truck-mounted direct-push sampling rig equipped with approximate two-inch diameter stainless steel rods and soil sampling tools. The soil borings were advanced by Astech Environmental of Santa Ana, California under the oversight of AEC. Six of the 10 soil borings (B5 through B10) were advanced to a depth of 15 feet below ground surface (bgs). The remaining four soil borings (B1 through B4) were advanced to a depth of 20 feet bgs. A Site Plan depicting the approximate soil boring locations is included as Figure 2.

Soil samples were collected using stainless steel sampling rods lined with acetate sleeves. Soil samples were generally collected at depths of 1.5, 3, 5, 10 and 15 feet bgs in each of the borings. In addition, soil samples were also collected at approximately 20 feet bgs in borings B1 through B4. The acetate sleeves were cut, sealed with Parafilm® sheets, capped, appropriately labeled and placed into a chilled cooler for transport to American Environmental Testing Laboratory (AETL) of Burbank, California and Baseline Analytical Services (Baseline) of Huntington Beach, California. A total of 55 soil samples were collected from the soil borings. Forty-one of the 55 soil samples were analyzed for total lead by United States Environmental Protection Agency (EPA) test Method 6010B. In addition, ten of the soil samples were analyzed for total petroleum hydrocarbons (TPH) by United States EPA test Method 8015B and volatile organic compounds (VOCs) by EPA test Method 8260B.

Four of the 10 soil borings were converted to temporary soil gas probes installed at depths of approximately 20 feet below existing grades (identified as SV1 through SV4). Soil gas probe installation was conducted by Astech Environmental, and soil gas sampling was conducted by Baseline Analytical of Huntington Beach, California under the oversight of AEC. Polyethylene tubing (1/4-inch diameter)

equipped with an anchor was inserted through the probe holes and extended to the target sampling depth. The probe was gently lifted up from the bottom of the borehole and sand was poured down the borehole to encase the filter with a minimum of six inches of sand pack. Approximately six inches to one foot of dry granular bentonite was placed on top of the sand pack. The soil gas well was then completed to the surface with hydrated bentonite. The probe was allowed to set for at least two hours prior to sampling to allow the bentonite time to properly seal. After two hours following the installation of each vapor probe, Baseline collected soil vapor samples from the probes.

Soil gas samples were collected using Tedlar™ bags, which connected to the tubing exiting the surface of the ground. During the sampling, a leak-check compound was placed near and around the sample trains. All soil gas samples (identified as SV1 through SV4) were analyzed for volatile organic compounds (VOCs) by EPA test Method 8260B by Baseline. After the soil gas samples were collected, the vapor probes were removed from the boreholes.

Upon completion of drilling and sampling, the soil borings were backfilled with hydrated bentonite granules and capped to match existing surface conditions. Soil sampling equipment was decontaminated between uses by washing with a non-phosphate detergent solution followed by successive rinses in distilled water.

3.0 INVESTIGATION RESULTS AND DISCUSSION

3.1 Subsurface Conditions

Soil conditions encountered during exploration activities at the Site consisted primarily of brown to dark brown, slightly plastic silt, sand, gravel and clay mixtures and brown to dark brown, slightly dense to dense, silt, sand and gravel mixtures to approximately 10 feet bgs and light grey to dark grey, loose sandy silt, sand and gravel mixtures to 15 and 20 feet bgs. Artificial fill material was noted as being present throughout the Site at varying depths and as deep as 10 feet in some areas. No staining or odors indicative of petroleum hydrocarbons were identified in any of the borings during the investigation. Photoionization detector screening was conducted on select soil samples and did not exhibit registerable levels of VOCs on the instrument. Groundwater was not encountered in the borings drilled during this investigation.

3.2 Soil Analytical Laboratory Data

Total lead, TPH, and VOC analytical results are presented in Table 1. A Site Plan depicting the soil boring locations and laboratory analytical results (total lead) is included as Figure 2. The analytical laboratory reports and chain-of-custody documentation for soil analysis are included in Appendix B.

Lead

Twenty-six (26) of the 41 soil samples analyzed for total lead contained detectable concentrations of this element. The detected concentrations ranged from 2.96 milligrams per kilogram (mg/kg) in sample B2-10 to 158 mg/kg in sample B8-3. None of the total lead concentrations exceeded its State of California commercial (existing land use) human health risk based screening level of 320 milligrams per kilogram (mg/kg). Only seven of the 41 soil samples analyzed for total lead exceeded its residential human health risk based screening level of 80 mg/kg. The 95 percent upper confidence limit of the arithmetic mean total lead concentrations for all soil samples obtained from depths ranging from 1.5 feet to 5 feet below the surface was 58.15 mg/kg, which is below both the residential and commercial human health risk-based screening levels. This indicates that lead is not a contaminant of significance at the Site.

In addition, 11 soil samples were also analyzed for soluble lead using soluble threshold limited concentration (STLC) and toxicity characteristic leaching procedure (TCLP) extraction methods. Soluble lead was detected using the STLC extraction method in all 11 samples with concentrations ranging from 0.532 milligrams per liter (mg/l) (B10-1.5) to 5.56 mg/l (B8-1.5). Three of the 11 samples contained soluble lead above 5 mg/l, a threshold utilized to differentiate non-hazardous from hazardous waste in the State of California (when soil is removed from a given property). Soluble lead using the TCLP extraction method was not detected in any of the 11 soil samples analyzed.

TPH and VOCs

Neither TPH nor VOCs were detected at or above the laboratory reporting limits in any of the soil samples analyzed.

3.3 Soil Gas Analytical Laboratory Data

VOCs

The analytical results of VOCs in soil gas at the Site are presented in Table 2. A map depicting the soil gas probe locations and laboratory analytical results is included as Figure 3. A copy of the soil gas analytical laboratory report is included in Appendix C. VOCs were detected at or above the laboratory reporting limits in any of the soil gas samples.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions of this assessment are as follows:

- The geophysical survey did not conclusively reveal the presence of USTs at the Site.

- No significant soil impacts were identified during the assessment. However, the soil data gathered during the completion of this assessment will be utilized by the selected grading/excavation contractor in evaluating disposal locations that may receive exported fill/soil from the Site during future construction activities.

- TPH and VOCs were not detected in any soil or soil gas samples analyzed during this assessment. As such, vapor intrusion is not an exposure pathway of significant concern at the Site.

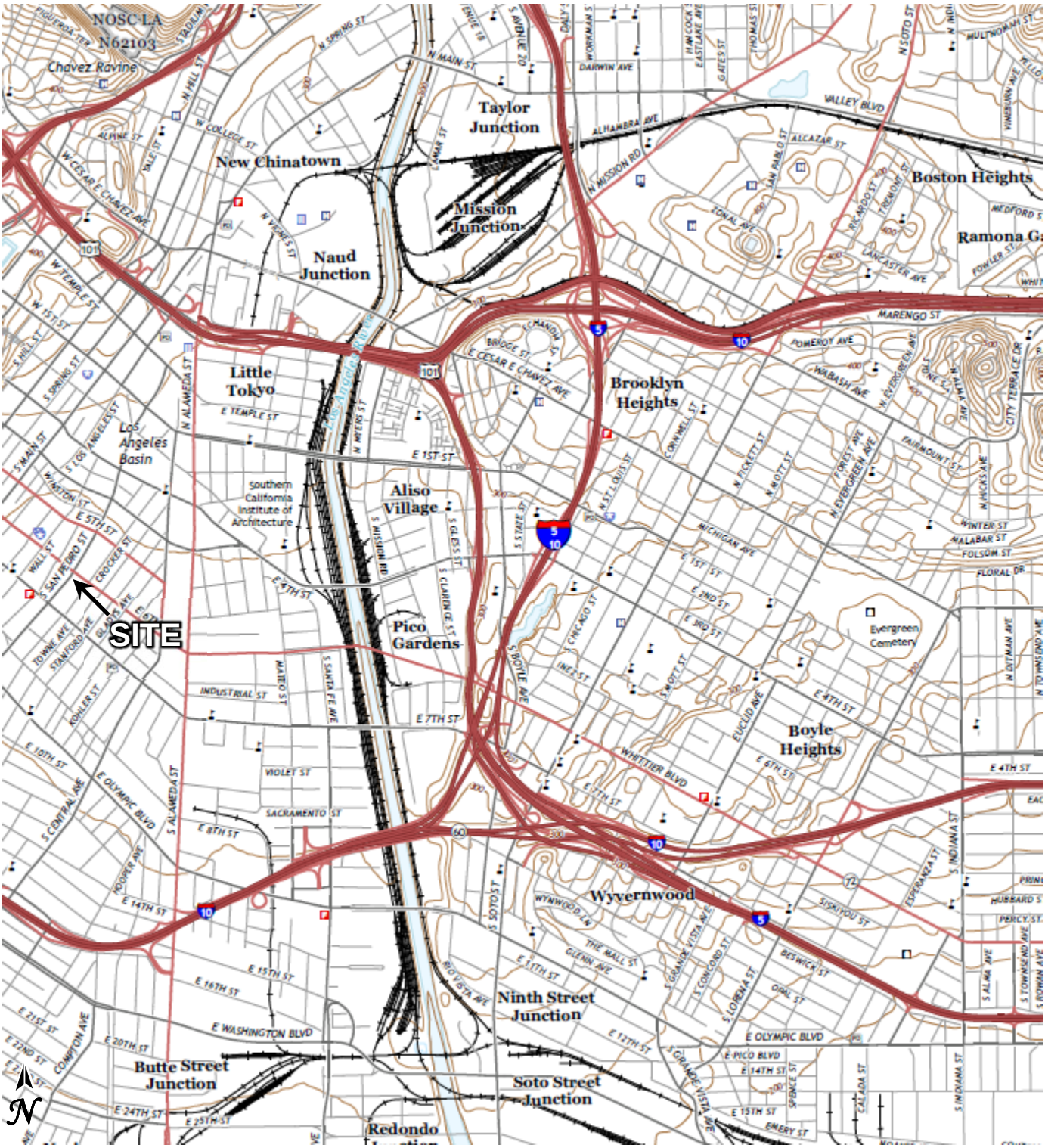
- All data obtained during the subsurface investigation is considered to be valid and useful for decision-making purposes. In addition, no upset conditions occurred during the sampling events or completion of the laboratory analysis that may have adversely influenced the results of the investigation.

- Additional assessment at the Site is not considered to be warranted at this time.

5.0 LIMITATIONS

The services provided by AEC have been performed in accordance with practices and standards generally accepted by environmental scientists practicing in this industry. No other warranty, either express or implied, is made. The results and conclusions described herein are based on a limited geophysical survey and subsurface sampling program and do not purport to identify any and all sources or locations of USTs and/or subsurface impacts that may exist at the Site. Subsurface conditions at a given location may not be representative of conditions in other areas on the Site. In addition, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions, and other factors. Our conclusions regarding the condition of the Site does not represent a warranty that all areas of the Site are similar to those sampled. AEC is not responsible for the conclusions, opinions, or recommendations made by others based on this information.

FIGURES



USGS, 2015, Los Angeles, CA, Quadrangle 7.5' Topographic Map

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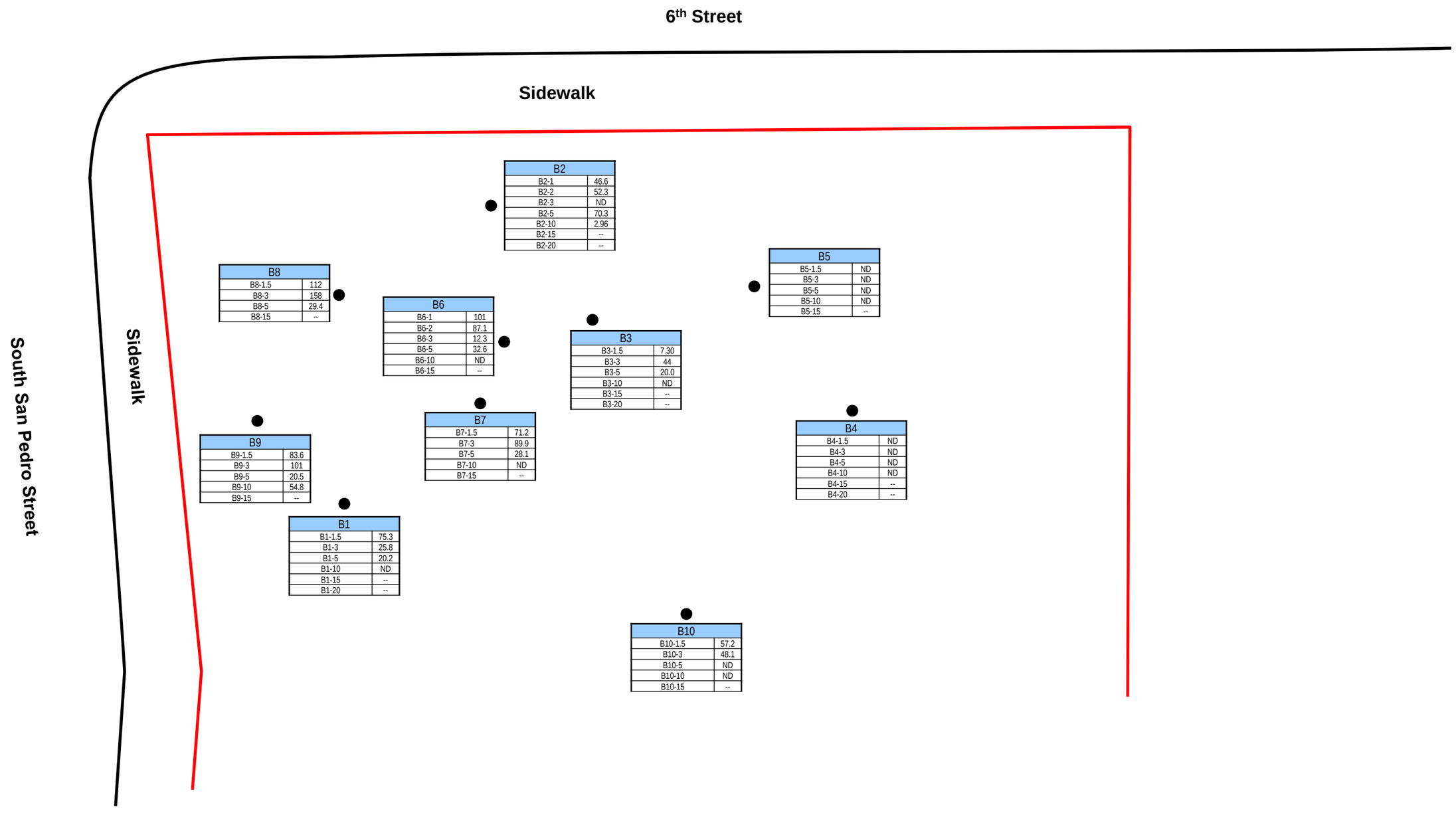
VICINITY MAP
600-628 S San Pedro and
611-615 Crocker Street
Los Angeles, California

Project No.:	Figure Date:	Drawn By:
18-027SD	March 2018	KS



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0 10 20
Approx. Scale in Feet

Approx. Boring Location

Sample ID-Depth In Feet

B3	
B3-1.5	7.30
B3-3	44
B3-5	20.0
B3--10	ND
B3-15	--
B3-20	--

ND – Not detected above laboratory reporting limits

Total lead concentrations reported in milligrams/kilogram (mg/kg)

Site Boundary (approximate)

Figure 2
Site Plan with Soil Data (Total Lead)
600-628 S San Pedro and
611-615 Crocker Street
Los Angeles, California

Work Order No.:	Figure Date:	Drawn By:
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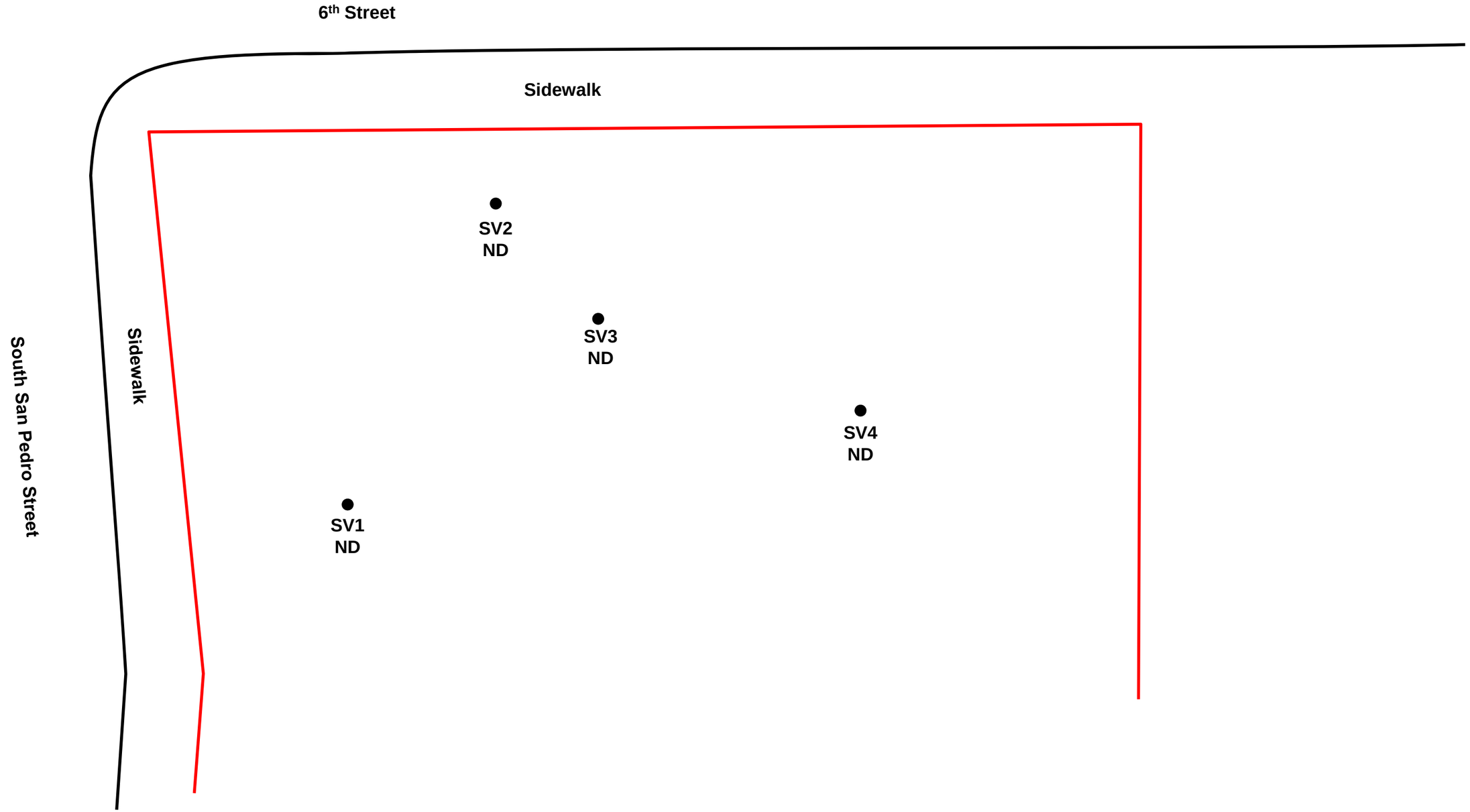

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0 10 20
Approx. Scale in Feet

Site Boundary (approximate)

SV1
ND

Approx. Soil Gas Probe Location

ND – Not detected above laboratory reporting limits

Figure 3
Site Plan with Soil Gas Data
600-628 S San Pedro and
611-615 Crocker Street
Los Angeles, California

Work Order No.:	Figure Date:	Drawn By:
18-027SD	March 2018	SH

TABLES

TABLE 1
SOIL ANALYTICAL RESULTS
600-628 S. San Pedro Street and 611-615 Crocker Street
Los Angeles, California 90014

Sample Identification	Depth (feet)	Date Collected	Total Lead (mg/kg)	STLC Lead (mg/l)	TCLP Lead (mg/l)	TPH concentrations (mg/kg)			Volatile Organic Compounds (mg/kg)
						TPHg	TPHd	TPHwo	
B1-1.5	1.5	3/3/2018	75.3	2.92	ND(<2.50)	--	--	--	--
B1-3	3	3/3/2018	25.8	--	--	--	--	--	--
B1-5	5	3/3/2018	20.2	--	--	--	--	--	--
B1-10	10	3/3/2018	ND(<2.50)	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B1-15	15	3/3/2018	--	--	--	--	--	--	--
B1-20	10	3/3/2018	--	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B2-1	1	3/3/2018	46.6	--	--	--	--	--	--
B2-2	2	3/3/2018	52.3	2.72	ND(<2.50)	--	--	--	--
B2-3	3	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B2-5	5	3/3/2018	70.3	--	--	--	--	--	--
B2-10	10	3/3/2018	2.96	--	--	--	--	--	--
B2-15	15	3/3/2018	--	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B2-20	20	3/3/2018	--	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B3-1.5	1.5	3/3/2018	7.30	--	--	--	--	--	--
B3-3	3	3/3/2018	44	--	--	--	--	--	--
B3-5	5	3/3/2018	20.0	--	--	--	--	--	--
B3-10	10	3/3/2018	ND(<2.50)	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B3-15	15	3/3/2018	--	--	--	--	--	--	--
B3-20	20	3/3/2018	--	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B4-1.5	1.5	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B4-3	3	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B4-5	5	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B4-10	10	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B4-15	15	3/3/2018	--	--	--	--	--	--	--
B4-20	20	3/3/2018	--	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B5-1.5	1.5	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B5-3	3	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B5-5	5	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B5-10	10	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B5-15	15	3/3/2018	--	--	--	--	--	--	--
B6-1	1	3/3/2018	101	3.76	ND(<2.50)	--	--	--	--
B6-2	2	3/3/2018	87.1	5.43	ND(<2.50)	--	--	--	--
B6-3	3	3/3/2018	12.3	--	--	--	--	--	--
B6-5	5	3/3/2018	32.6	--	--	--	--	--	--
B6-10	10	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B6-15	15	3/3/2018	--	--	--	--	--	--	--
B7-1.5	1.5	3/3/2018	71.2	3.36	ND(<2.50)	--	--	--	--
B7-3	3	3/3/2018	89.9	1.74	ND(<2.50)	--	--	--	--
B7-5	5	3/3/2018	28.1	--	--	--	--	--	--
B7-10	10	3/3/2018	ND(<2.50)	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B7-15	15	3/3/2018	--	--	--	--	--	--	--
B8-1.5	1.5	3/3/2018	112	5.56	ND(<2.50)	--	--	--	--
B8-3	3	3/3/2018	158	4.62	ND(<2.50)	--	--	--	--
B8-5	5	3/3/2018	29.4	--	--	--	--	--	--
B8-15	15	3/3/2018	--	--	--	--	--	--	--
B9-1.5	1.5	3/3/2018	83.6	5.01	ND(<2.50)	--	--	--	--
B9-3	3	3/3/2018	101	--	--	--	--	--	--
B9-5	5	3/3/2018	20.5	--	--	--	--	--	--
B9-10	10	3/3/2018	54.8	3.87	ND(<2.50)	--	--	--	--
B9-15	15	3/3/2018	--	--	--	ND(<10)	ND(<10)	ND(<10)	ND
B10-1.5	1.5	3/3/2018	57.2	0.532	ND(<2.50)	--	--	--	--
B10-3	3	3/3/2018	48.1	--	--	--	--	--	--
B10-5	5	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B10-10	10	3/3/2018	ND(<2.50)	--	--	--	--	--	--
B10-15	15	3/3/2018	--	--	--	ND(<10)	ND(<10)	ND(<10)	ND

-- = Not analyzed
ND = Not detected at or above the laboratory method reporting limit
mg/kg = Milligrams per kilogram
mg/l = Milligrams per liter
TPHg = Total Petroleum Hydrocarbons as Gasoline
TPHd = Total Petroleum Hydrocarbons as Diesel
TPHwo = Total Petroleum Hydrocarbons as Waste Oil

Table 2
Soil Gas Analytical Results
600-628 South San Pedro Street and 611-615 Crocker Street
Los Angeles, California

Boring Name	Sample ID	Depth (feet)	Volatile Organic Compounds (µg/L)
B1	SV1-20'	20	ND
B2	SV2-20'	20	ND
B3	SV3-20'	20	ND
B4	SV4-20'	20	ND

Notes:
Samples analyzed by US EPA Test Method 8260B
All Soil Gas Samples Collected on March 3, 2018
µg/L = micrograms per liter
ND = Not detected at or above the laboratory reporting limit

APPENDIX A

GEOPHYSICAL SURVEY REPORT

GEOPHYSICAL EVALUATION
600 SOUTH SAN PEDRO STREET
LOS ANGELES, CALIFORNIA

PREPARED FOR:
Advantage Environmental Consultants, LLC
145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

PREPARED BY:
Southwest Geophysics, Inc.
8057 Raytheon Road, Suite 9
San Diego, CA 92111

February 28, 2018
Project No. 118063

SOUTHWEST
GEOPHYSICS, INC.
YOUR SUBSURFACE SOLUTION

February 28, 2018
Project No. 118063

Mr. Daniel A. Weis
Advantage Environmental Consultants, LLC
145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Subject: Geophysical Evaluation
600 South San Pedro Street
Los Angeles, California

Dear Mr. Weis:

In accordance with your authorization, we are pleased to submit this data report pertaining to our geophysical evaluation for a portion of the property located at 600 South San Pedro Street in Los Angeles, California. The purpose of our evaluation was to assess the presence of buried underground storage tanks (USTs) and/or backfilled excavations associated with UST removal. Our services were conducted on February 10, 2018. This report presents the survey methodology, equipment used, analysis, and results from our study.

We appreciate the opportunity to be of service on this project. Should you have any questions please contact the undersigned at your convenience.

Sincerely,
SOUTHWEST GEOPHYSICS, INC.

Aaron T. Puente
Project Geologist/Geophysicist

Hans van de Vrugt, C.E.G., P.Gp.
Principal Geologist/Geophysicist

ATP/HV/hv

Distribution: Addressee (electronic)

REGISTERED GEOPHYSICIST
Hans van de Vrugt
No 1012
Exp. 2/28/18
STATE OF CALIFORNIA

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Figures

Figure 1 – Site Location Map
Figure 2 – Site Data Map
Figure 3 – Site Photographs

1. INTRODUCTION

In accordance with your authorization, we are pleased to submit this data report pertaining to our geophysical evaluation for a portion of the property located at 600 South San Pedro Street in Los Angeles, California (Figure 1). The purpose of our evaluation was to assess the presence of buried underground storage tanks (USTs) and/or backfilled excavations associated with UST removal. Our services were conducted on February 10, 2018. This report presents the survey methodology, equipment used, analysis, and results from our study.

2. SCOPE OF SERVICES

Our scope of services included:

- Performance of a geophysical survey at the subject site. Our survey included the use of a Geonics model EM61 MK2 time domain instrument, GSSI SIR 3000 Ground Penetrating Radar (GPR) unit using a 400 MHz transducer, Schonstedt GA-52 magnetic gradiometer, Fisher M-Scope TW-6 pipe and cable locator, and RD8000 line tracer.
- Site reconnaissance including field mapping of surface structures at and near the survey area.
- Compilation and analysis of the data collected.
- Preparation of this report presenting our findings, conclusions and recommendations.

3. SITE DESCRIPTION

The project site is located at the south corner of the intersection between South San Pedro Street and 6th Street in Los Angeles, California (Figure 1). The site is currently an asphalt paved parking lot. Improvements at the site include perimeter street lighting and chain link fencing. The study area, which was defined by your office, included the northern portion of the property (see Figure 1). Figures 2 and 3 depict the general site conditions in the study area.

Based on our discussions with you, it is our understanding that USTs may have been utilized on-site. Details regarding their location and possible removal were reportedly not available.

4. GEOPHYSICAL INSTRUMENTATION AND APPLICATIONS

Our evaluation included the use of a Geonics model EM61 MK2, GSSI SIR 3000 GPR, Schonstedt, model GA-52C magnetic gradiometer, Fisher M-Scope TW-6 pipe and cable locator, and RD8000 line tracer. These instruments provide real-time results and facilitate the delineation of subsurface features.

The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long-time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets. Conductive objects to a depth of approximately 11 feet generally can be detected.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at boundaries in the subsurface across which there are an electrical contrast. The recorder continuously makes a record of the reflected energy as the antenna is moved across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The EM wave travels at a velocity unique to the material properties of the ground being studied, and when these velocities are known, or closely estimated from ground conductivity values and other information, two-way travel times can be converted to depth. Penetration into the ground and resolution of the GPR images produced are a function of ground electrical conductivity and dielectric constant. Images tend to be graphic, even at considerable depth, in sandy soils, but penetration and resolution may be limited in more conductive clayey moist ground.

The magnetic gradiometer has two fluxgate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits an audible signal at a low frequency. When the instrument passes over buried iron or steel objects (so that the field is significantly different at the two sensors) the frequency of the emitted sound increases. Frequency is a function of the gradient between the two sensors.

The M-Scope TW-6 device energizes the ground by producing an alternating primary magnetic field with alternating current (AC) in the transmitting coil. If conducting materials (including soils) are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs an audio response. The strength of the secondary field is a function of the conductivity of the object, its size, and its depth and position relative to the instrument's two coils. Conductive objects to a depth of approximately 10 feet are sensed. Also, the device is somewhat focused, that is, it is more sensitive to conductors below (and above) the instrument, than to conductors off to the side.

Where risers are present, the RD8000 utility locator transmitter can be connected to the object, and a current is impressed on the conductor pipe or cable. The receiver unit is tuned to this same frequency, and it is used to trace the pipe's surface projection away from the riser. The transmitter and receiver can also be used in a non-connect (induction) mode, whereby the transmitter is positioned on the ground and an electromagnetic signal is emitted. In the presence of buried metal pipes and wires, a discrete signal will be induced on the conductor which can be sensed by the receiver. In addition, the instrument may be used in the passive mode, whereby radio and 60 Hz electromagnetic signals produced by communication and live electric lines are detected.

5. SURVEY METHODOLOGY

In order to facilitate the collection of EM61 data, a Trimble Pro XRS global positioning system (GPS) was used for spatial control. EM61 measurements were collected at 0.2 second intervals along northwest-southeast traverses spaced roughly 5 feet apart across accessible portions of the

study area. The EM61 data were downloaded to a portable computer in the field for preliminary analysis and then plotted on a site map (see Figure 2). GPR traverses were also conducted along northwest-southeast and northeast-southwest profiles spaced approximately 5 feet apart across the survey area. In addition, GPR traverses were performed along random profiles across and near detected features. The M-Scope and gradiometer were conducted along traverses spaced approximately 5 to 10 feet apart in the survey area. In addition, the line tracer was used to delineate the presence of detectable underground utilities in the study area. Detected features were marked on the ground surface with paint and mapped.

6. RESULTS, CONCLUSIONS AND RECOMMENDATIONS

As previously discussed, the purpose of our evaluation was to assess the presence of buried underground storage tanks (USTs) and/or backfilled excavations associated with UST removal in the study area. The results of our study did not conclusively reveal the presence of USTs; however, three relatively large EM anomalies, labeled A through C, and three possible excavation features were encountered in the survey (see Figures 2 and 3). In addition, several small EM anomalies and unidentified lines were also detected.

The following is a description of Anomalies A, B and C, as well as the three possible excavation features:

- ***Anomaly A:*** This anomaly was detected in the southwest portion of the study area and produced relatively high EM and magnetic responses. GPR images collected across this feature were inconclusive as to its cause. Two unidentified lines were observed cutting across and/or terminating at this feature. Although the nature of the anomaly is unknown, based on the relative size and instrument response, as well as the presence of the unidentified lines, this anomaly may be related to a UST.

- ***Anomaly B:*** This anomaly was detected in the southern portion of the study area and also produced relatively high EM and magnetic responses. GPR images collected across this feature were inconclusive as to its cause. In addition, two unidentified lines trending from the west and northwest terminate at the anomaly. Although the nature of the anomaly is unknown, based on the relative size and instrument response, as well as the presence of the unidentified lines, this anomaly may be related to a UST.

- ***Anomaly C:*** This anomaly was detected in the southwest portion of the study area near Anomaly A. The anomaly produced significantly high EM and magnetic responses. GPR

images collected across this featured revealed a shallow buried plate-like object approximately 4 inches below the ground surface. Based on the size and shape of the GPR image and its close proximity to several unidentified lines, it is possible this feature may be related to a buried tank, vault or manhole.

- ***Possible Excavation Features:*** Three possible excavation features were detected in the central portion of the study area. GPR traverses conducted across these features revealed a significant change in materials and/or dielectric properties compared to the adjacent areas. Much of the study area generally produced GPR images that revealed non-uniform soil conditions; however, the soils in the three anomalous areas appeared very uniform.

Additionally, several small EM anomalies were encountered during our survey but they appear to be related to small buried objects, unidentified lines and/or cut-off posts. In general, radar penetration at the site was on the order of 2 to 3 feet below the ground surface; therefore, objects below this depth would not have been detected with GPR. In order to further assess the features described above, we recommend that more direct methods be used. Such methods may include the excavation of exploratory trenches/test pits or borings.

Our survey utilized industry standard equipment (i.e., GPR, electromagnetic, and magnetic instruments) and was conducted in general accordance with current practice. It should be noted, however, that the presence of existing structures and surface objects (i.e., metal fencing, cut-off posts, trash containers, etc.) potentially limited the survey. Where obstructions were present subsurface data could not be collected. Moreover, EM/magnetic responses produced by metal surface objects and underground lines can potentially obscure subsurface features. Figures 2 and 3 present the general site conditions and some of the obstructions encountered.

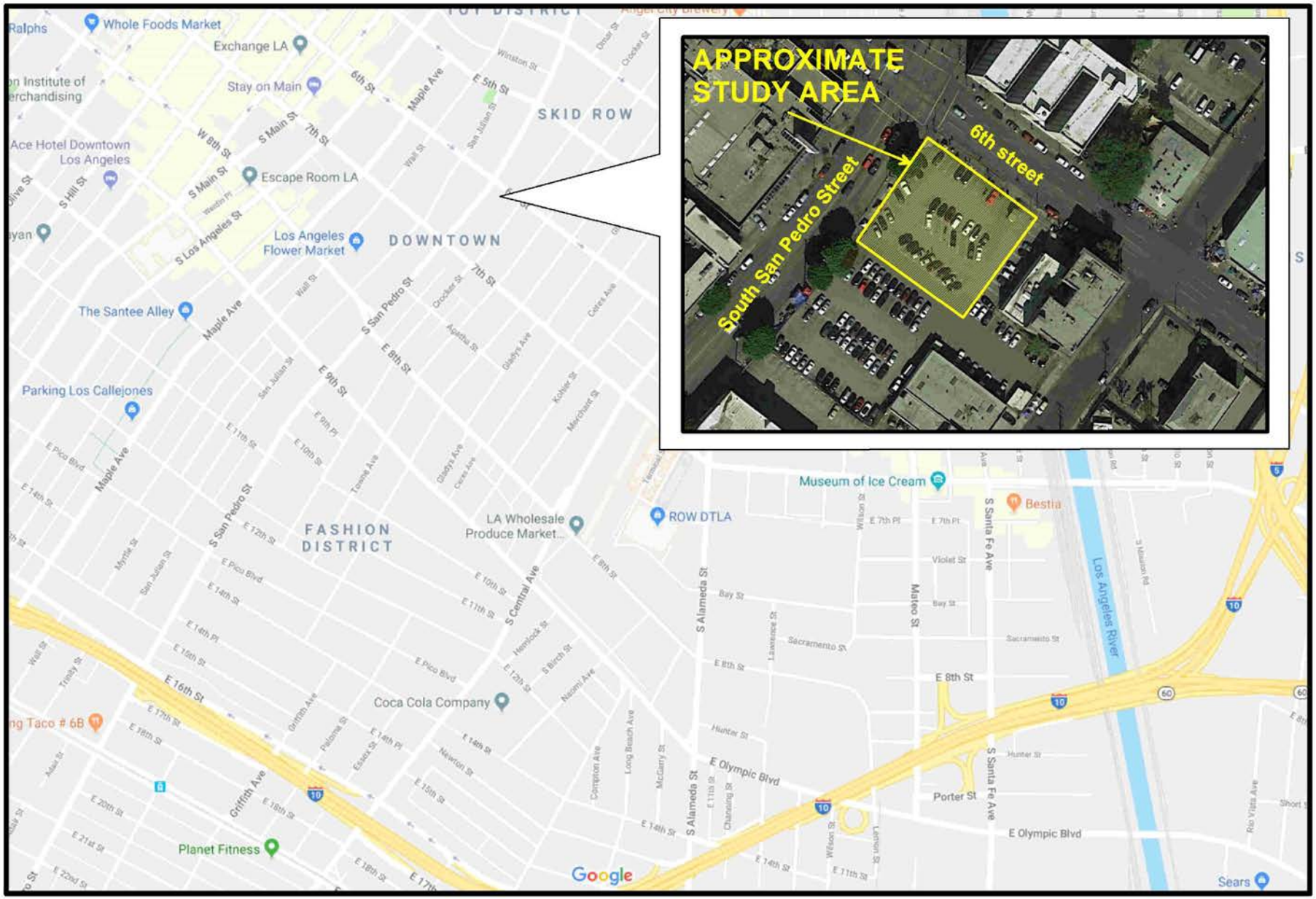
7. LIMITATIONS

The field evaluation and geophysical analyses presented in this report have been conducted in general accordance with current practice and the standard of care exercised by consultants performing similar tasks in the project area. No warranty, express or implied, is made regarding the conclusions and opinions presented in this report. There is no evaluation detailed enough to reveal every subsurface condition. Variations may exist and conditions not observed or described in this report may be present. Uncertainties relative to subsurface conditions can be reduced

through additional subsurface surveying and/or exploration. Additional subsurface surveying can be performed upon request.

Please also note that our evaluation was limited to the detection of USTs and/or backfilled tank excavations. “USA” or “Dig Alert” should also be contacted prior to conducting subsurface exploration activities. In addition, we recommend that available utility plans/drawings of the project site be reviewed as appropriate.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Southwest Geophysics, Inc. should be contacted if the reader requires additional information or has questions regarding the content, interpretations presented, or completeness of this document. This report is intended exclusively for use by the client. Any use or reuse of this report by parties other than the client is undertaken at said parties’ sole risk.



SITE LOCATION MAP

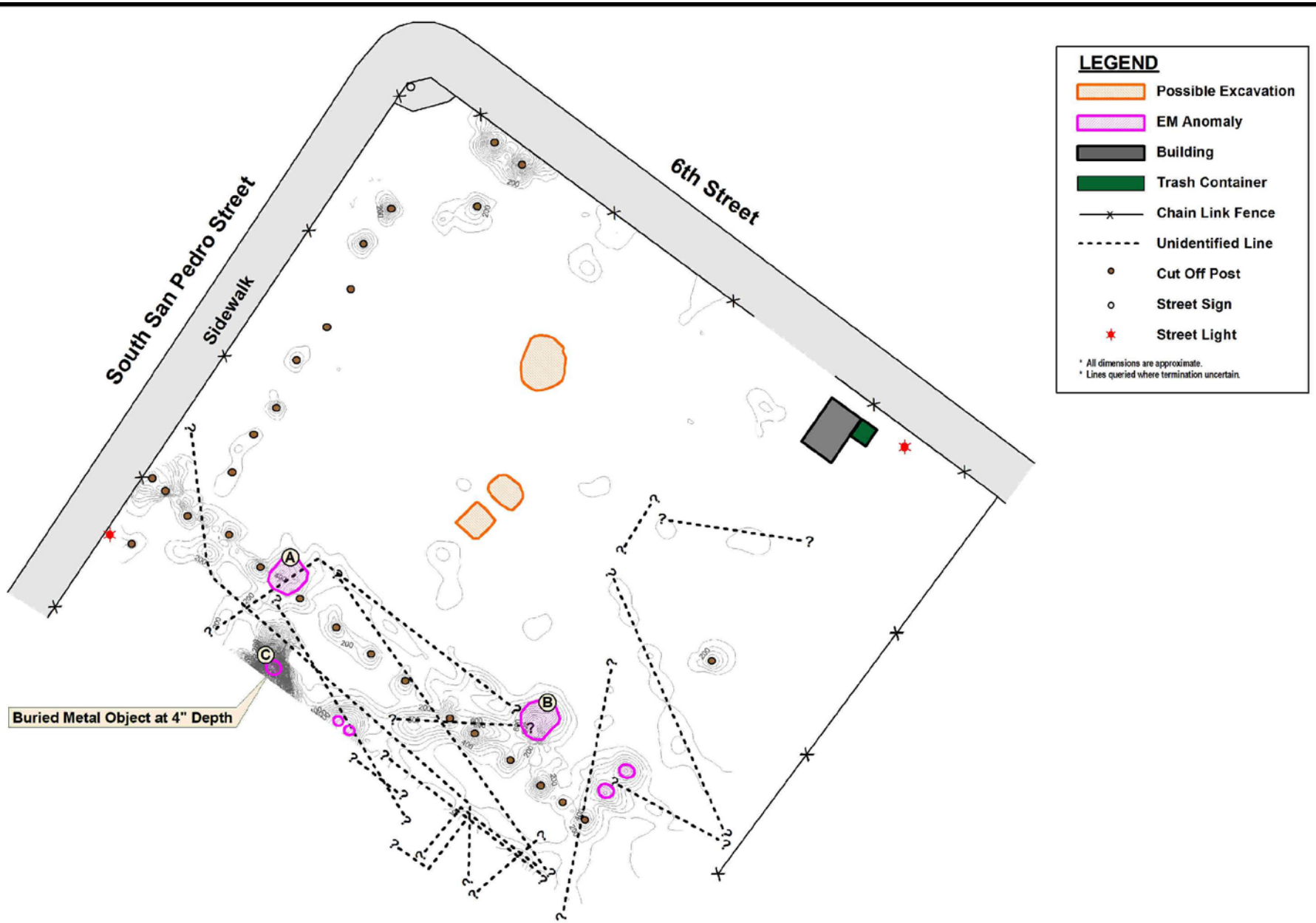
N

600 South San Pedro Street
Los Angeles, California

Project No.: 118063 | Date: 02/18

SOUTHWEST GEOPHYSICS INC.

Figure 1



SITE DATA MAP

(EM61 Data Scale: CI = 100 mVolts)

N

600 South San Pedro Street
Los Angeles, California

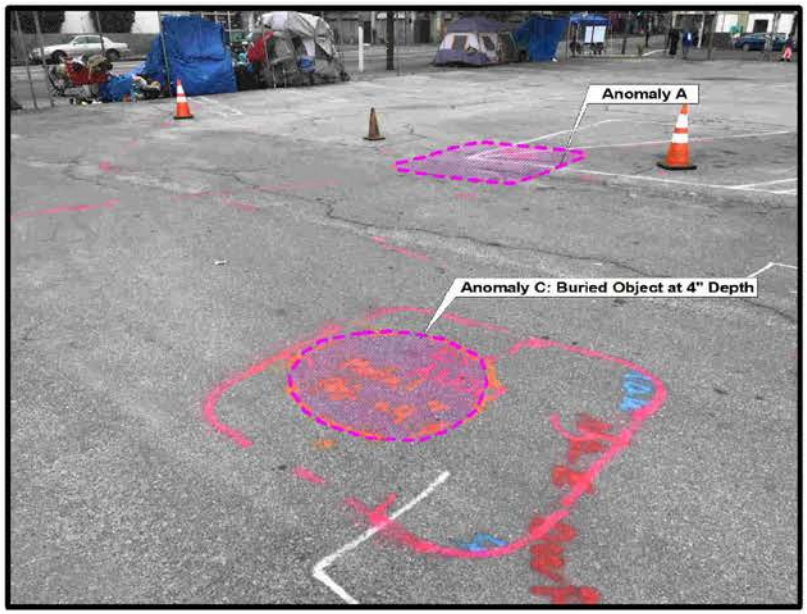
Project No.: 118063 | Date: 02/18

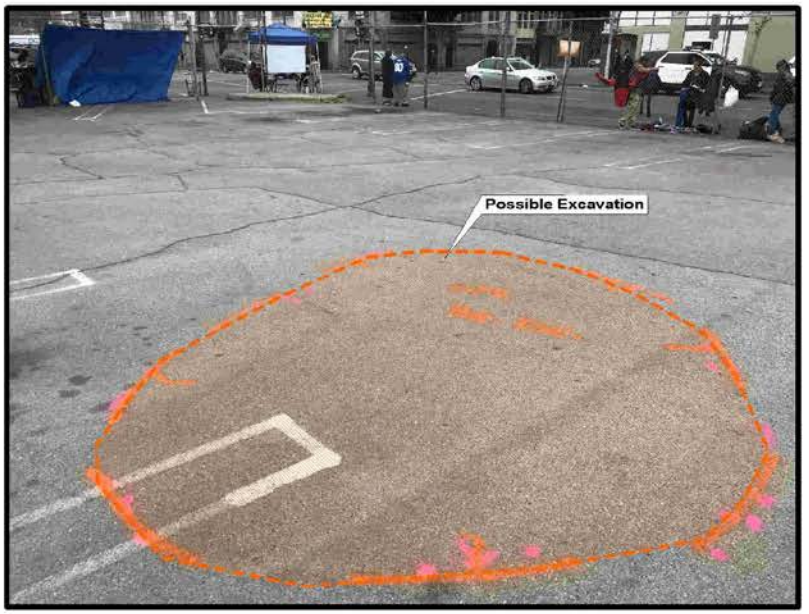
SOUTHWEST GEOPHYSICS INC.

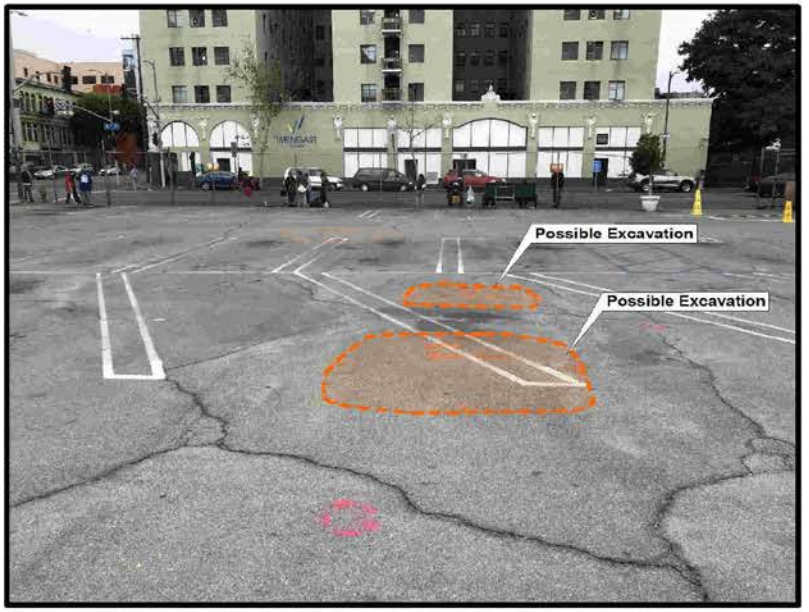
Figure 2

0 30 60

approximate scale in feet







SITE PHOTOGRAPHS

600 South San Pedro Street
Los Angeles, California

Project No.: 118063 | Date: 02/18

SOUTHWEST GEOPHYSICS INC.

Figure 3

APPENDIX B

SOIL ANALYTICAL LABORATORY REPORTS

American Environmental Testing Laboratory Inc.
2834 & 2908 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Advantage Environmental Consultants **145 Vallecitos De Oro Suite 201** **San Marcos, CA 92069-**

Telephone: (760)744-3363
Attention: Dan Weis

Number of Pages 13 **Date Received 03/06/2018** **Date Reported 03/07/2018**

Job Number	Order Date	Client
91658	03/06/2018	AEC

Project ID: 18-027SD
Project Name: 18-027SD
Site: 600-628 S. San Pedro St.
Los Angeles, CA

Enclosed please find results of analyses of 31 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

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CHAIN OF CUSTODY RECORD

105656

AETL JOB No. 91658

Page 1 of 4

COMPANY: BEC
PROJECT MANAGER: Dan Weis
COMPANY ADDRESS: 145 Vallecitos De Oro Ste 201 San Marcos CA
PHONE: 760 744 3383
FAX: 760 744 3383
PROJECT NAME: 600-628 S. San Pedro st, Los Angeles, CA
PROJECT #: 18-02751D
SITE NAME AND ADDRESS:
PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B
1	B1-1.5	91658.01	3/3/18		Soil	Acetate Sleeve	ICE	X
2	B1-3	91658.02						
3	B1-5	91658.03						X
4	B1-10	91658.04						X
5	B1-15	91658.05						
6	B1-20	91658.06						
7	B2-1	91658.07						X
8	B2-2	91658.08						X
9	B2-3	91658.09						
10	B2-5	91658.10						
11	B2-10	91658.11						X
12	B2-15	91658.12						
13	B2-20	91658.13						
14	B3-1.5	91658.14						X
15	B3-3	91658.15						

ANALYSIS REQUESTED

TEST INSTRUCTIONS & COMMENTS: PDF by Friday

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	15	PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA	
RECEIVED IN GOOD COND Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature:	Signature:
Printed Name: Samantha Hooper	Printed Name: BRIAN KATO	Printed Name:
Date: 3/3/18 Time: 1330	Date: 3/6/18 Time: 0700	Date: 3-6-18 Time: 1545
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: AETL 3.**
Signature:	Signature:	Signature:
Printed Name: BRIAN KATO	Printed Name:	Printed Name:
Date: 3/3/18 Time: 1330	Date: 3-6-18 Time: 1052	Date: 3/06/18 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105647

AETL JOB No. 91658

COMPANY | PROJECT MANAGER

COMPANY ADDRESS: See Page 1 | PHONE / FAX

PROJECT NAME | PROJECT #

SITE NAME AND ADDRESS | PO #

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B
1	B3-5	91658.16	3/3/18		Soil	Acetate Sleeve	ICE	X
2	B3-10	91658.17						X
3	B3-15	91658.18						
4	B3-20	91658.19						
5	B4-1.5	91658.20						X
6	B4-3	91658.21						X
7	B4-5	91658.22						
8	B4-10	91658.23						X
9	B4-15	91658.24						
10	B4-20	91658.25						
11	B5-1.5	91658.26						X
12	B5-3	91658.27						X
13	B5-5	91658.28						
14	B5-10	91658.29						X
15	B5-15	91658.30						

ANALYSIS REQUESTED

TEST INSTRUCTIONS & COMMENTS: PDF by Friday

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	15	PROPERLY COOLED (Y / N / NA)	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT (Y / N / NA)	
RECEIVED IN GOOD COND (Y) N		SAMPLES ACCEPTED (Y / N)	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

	1.	2.	3.
RELINQUISHED BY:	SAMPLER:		
Signature:			
Printed Name:	Samantha Hopper	BRIAN KATO	Thomas LeSueur
Date:	3/3/18	3/6/18	3-6-18
Time:	1330	0700	1545
RECEIVED BY:	1.	2.	3.
Signature:			
Printed Name:	BRIAN KATO	Thomas LeSueur	
Date:	3/3/18	3-6-18	03/06/18
Time:	1330	1050	1545
			RECEIVED BY LABORATORY: AETL

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105657

AETL JOB No. 91658

Page 3 of 4

COMPANY

PROJECT MANAGER

COMPANY ADDRESS See Page 1

PHONE

FAX

PROJECT NAME

PROJECT #

SITE NAME AND ADDRESS

PO #

ANALYSIS REQUESTED: Total Lead 6010B

TEST INSTRUCTIONS & COMMENTS: PDF by Friday

#	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B
1	B6-1	91658.31	3/3/18		Soil	Acetate Sleeve	ICE	X
2	B6-2	91658.32						X
3	B6-3	91658.33						
4	B6-5	91658.34						X
5	B6-10	91658.35						X
6	B6-15	91658.36						
7	B7-1.5	91658.37						X
8	B7-3	91658.38						X
9	B7-5	91658.39						
10	B7-10	91658.40						X
11	B7-15	91658.41						
12	B8-1.5	91658.42						X
13	B8-3	91658.43						X
14	B8-5	91658.44						X
15	~~B8-10~~							

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	14	PROPERLY COOLED (Y) / N / NA	
CUSTODY SEALS Y / (N) / NA		SAMPLES INTACT (Y) / N / NA	
RECEIVED IN GOOD COND. (Y) / N		SAMPLES ACCEPTED (Y) / N	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) ☐ OTHER (PLEASE SPECIFY)

	1.	2.	3.
RELINQUISHED BY	SAMPLER		
Signature	[signature]	[signature]	[signature]
Printed Name	Samantha Hopper	Brian Kato	Thomas Lobseu
Date / Time	3/3/18 13:30	3/6/18 0700	3-6-18 1545
RECEIVED BY			LABORATORY: AETL
Signature	[signature]	[signature]	
Printed Name	Brian Kato	Thomas Lobseu	Antin
Date / Time	3/3/18 1330	3-6-18 1050	03/06/18 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105658

AETL JOB No. 91658

Page 4 of 4

COMPANY	PROJECT MANAGER
COMPANY ADDRESS: See Page 1	PHONE / FAX
PROJECT NAME	PROJECT #
SITE NAME AND ADDRESS	PO #

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
1	B8-15	91658.45	3/3/18		So:l	Acetate sleeve	ICE			PDF by Friday
2	B9-1.5	91658.46						X		
3	B9-3	91658.47								
4	B9-5	91658.48						X		
5	B9-10	91658.49						X		
6	B9-15	91658.50								
7	B10-1.5	91658.51						X		
8	B10-3	91658.52						X		
9	B10-5	91658.53								
10	B10-10	91658.54						X		
11	B10-15	91658.55								
12										
13										
14										
15										

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	11	PROPERLY COOLED (Y / N / NA)	Y
CUSTODY SEALS (Y / N / NA)	N	SAMPLES INTACT (Y / N / NA)	Y
RECEIVED IN GOOD COND. (Y / N)	Y	SAMPLES ACCEPTED (Y / N)	Y

TURN AROUND TIME

- [ ] NORMAL
- [x] RUSH
  - [ ] SAME DAY
  - [x] NEXT DAY
  - [ ] 2 DAYS
  - [ ] 3 DAYS

DATA DELIVERABLE REQUIRED

- [x] HARD COPY
- [x] PDF
- [ ] GEOTRACKER (GLOBAL ID) _____
- [ ] OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature:	Signature:
Printed Name: Samantha Hopper	Printed Name: BRIAN KATO	Printed Name: Adriana Lopez
Date: 3/3/18 Time: 13:30	Date: 3/6/18 Time: 0700	Date: 3-6-18 Time: 1545
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: 3.**
Signature:	Signature:	Signature:
Printed Name: BRIAN KATO	Printed Name: Adriana Lopez	Printed Name: Andrea
Date: 3/3/18 Time: 1330	Date: 3-6-18 Time: 2050	Date: 03/06/18 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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COOLER RECEIPT FORM

Client Name: AEC
Project Name:
AETL Job Number: 91658
Date Received: 03/06/18 Received by: Antia
Carrier: ☒ AETL Courier ☐ Client ☐ GSO ☐ FedEx ☐ UPS
☐ Others:

Samples were received in: ☒ Cooler (1) ☐ Other (Specify):
Inside temperature of shipping container No 1: 3.4°, No 2: ____, No 3: ____
Type of sample containers: ☐ VOA, ☐ Glass bottles, ☐ Wide mouth jars, ☐ HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify): PE tube
How are samples preserved: ☐ None, ☐ Ice, ☒ Blue Ice, ☐ Dry Ice
\ None, _ HNO_3, _ NaOH, _ ZnOAc, _ HCl, _ $Na_2S_2O_3$, _ MeOH
_ Other (Specify):

	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	✓		
2. Are the Sample labels legible?	✓		
3. Do samples match the COC?	✓		
4. Are the required analyses clear?	✓		
5. Is there enough samples for required analysis?	✓		
6. Are samples sealed with evidence tape?		✓	
7. Are sample containers in good condition?	✓		
8. Are samples preserved?	✓		
9. Are samples preserved properly for the intended analysis?	✓		
10. Are the VOAs free of headspace?	N/A		
11. Are the jars free of headspace?	✓		

Explain all "No" answers for above questions:

American Environmental Testing Laboratory Inc.
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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • www.aetlab.com

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attention: Dan Weis

Project ID: 18-027SD
Date Received 03/06/2018
Date Reported 03/07/2018

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 55 samples with the following specification on 03/06/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
91658.01	B1-1.5	03/03/2018	Soil	1
91658.03	B1-5	03/03/2018	Soil	1
91658.04	B1-10	03/03/2018	Soil	1
91658.07	B2-1	03/03/2018	Soil	1
91658.08	B2-2	03/03/2018	Soil	1
91658.11	B2-10	03/03/2018	Soil	1
91658.14	B3-1.5	03/03/2018	Soil	1
91658.16	B3-5	03/03/2018	Soil	1
91658.17	B3-10	03/03/2018	Soil	1
91658.20	B4-1.5	03/03/2018	Soil	1
91658.21	B4-3	03/03/2018	Soil	1
91658.23	B4-10	03/03/2018	Soil	1
91658.26	B5-1.5	03/03/2018	Soil	1
91658.27	B5-3	03/03/2018	Soil	1
91658.29	B5-10	03/03/2018	Soil	1
91658.31	B6-1	03/03/2018	Soil	1
91658.32	B6-2	03/03/2018	Soil	1
91658.34	B6-5	03/03/2018	Soil	1
91658.35	B6-10	03/03/2018	Soil	1
91658.37	B7-1.5	03/03/2018	Soil	1
91658.38	B7-3	03/03/2018	Soil	1
91658.40	B7-10	03/03/2018	Soil	1
91658.42	B8-1.5	03/03/2018	Soil	1
91658.43	B8-3	03/03/2018	Soil	1

Continued

American Environmental Testing Laboratory Inc.
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Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attention: Dan Weis

Project ID: 18-027SD
Date Received 03/06/2018
Date Reported 03/07/2018

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

91658.44	B8-5	03/03/2018	Soil	1
91658.46	B9-1.5	03/03/2018	Soil	1
91658.48	B9-5	03/03/2018	Soil	1
91658.49	B9-10	03/03/2018	Soil	1
91658.51	B10-1.5	03/03/2018	Soil	1
91658.52	B10-3	03/03/2018	Soil	1
91658.54	B10-10	03/03/2018	Soil	1

Method ^ Submethod	*Req Date*	*Priority*	*TAT*	*Units*
(6010B.LEAD)	03/07/2018	2	Rush	mg/Kg

91658.02	B1-3	03/03/2018	Soil	1
91658.05	B1-15	03/03/2018	Soil	1
91658.06	B1-20	03/03/2018	Soil	1
91658.09	B2-3	03/03/2018	Soil	1
91658.10	B2-5	03/03/2018	Soil	1
91658.12	B2-15	03/03/2018	Soil	1
91658.13	B2-20	03/03/2018	Soil	1
91658.15	B3-3	03/03/2018	Soil	1
91658.18	B3-15	03/03/2018	Soil	1
91658.19	B3-20	03/03/2018	Soil	1
91658.22	B4-5	03/03/2018	Soil	1
91658.24	B4-15	03/03/2018	Soil	1
91658.25	B4-20	03/03/2018	Soil	1
91658.28	B5-5	03/03/2018	Soil	1
91658.30	B5-15	03/03/2018	Soil	1
91658.33	B6-3	03/03/2018	Soil	1
91658.36	B6-15	03/03/2018	Soil	1
91658.39	B7-5	03/03/2018	Soil	1
91658.41	B7-15	03/03/2018	Soil	1
91658.45	B8-15	03/03/2018	Soil	1

Continued

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Ordered By

Advantage Environmental Consultants 145 Vallecitos De Oro Suite 201 San Marcos, CA 92069-	Project ID: 18-027SD Date Received 03/06/2018 Date Reported 03/07/2018
Telephone: (760)744-3363 Attention: Dan Weis	

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

91658.47	B9-3	03/03/2018	Soil		1
91658.50	B9-15	03/03/2018	Soil		1
91658.53	B10-5	03/03/2018	Soil		1
91658.55	B10-15	03/03/2018	Soil		1

Method ^ Submethod	*Req Date*	*Priority*	*TAT*	*Units*
ARCHIVE	03/07/2018	2	Rush	--

The samples were analyzed as specified on the enclosed chain of custody. Analytical non-conformances have been noted on the report.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C3

Our Lab I.D.			Method Blank	91658.01	91658.03	91658.04	91658.07
Client Sample I.D.				B1-1.5	B1-5	B1-10	B2-1
Date Sampled				03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	ND	75.3	20.2	ND	46.6

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Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C3

Our Lab I.D.			91658.08	91658.11	91658.14	91658.16	91658.17
Client Sample I.D.			B2-2	B2-10	B3-1.5	B3-5	B3-10
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	52.3	2.96J	7.30	20.0	ND

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C3

Our Lab I.D.			91658.20				
Client Sample I.D.			B4-1.5				
Date Sampled			03/03/2018				
Date Prepared			03/07/2018				
Preparation Method			3050B				
Date Analyzed			03/07/2018				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Lead	2.5	5.0	ND				

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600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C4

Our Lab I.D.			Method Blank	91658.21	91658.23	91658.26	91658.27
Client Sample I.D.				B4-3	B4-10	B5-1.5	B5-3
Date Sampled				03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	ND	ND	ND	ND	ND

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C4

Our Lab I.D.			91658.29	91658.31	91658.32	91658.34	91658.35
Client Sample I.D.			B5-10	B6-1	B6-2	B6-5	B6-10
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	ND	101	87.1	32.6	ND

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C4

Our Lab I.D.			91658.37				
Client Sample I.D.			B7-1.5				
Date Sampled			03/03/2018				
Date Prepared			03/07/2018				
Preparation Method			3050B				
Date Analyzed			03/07/2018				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Lead	2.5	5.0	71.2				

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C5

Our Lab I.D.			Method Blank	91658.38	91658.40	91658.42	91658.43
Client Sample I.D.				B7-3	B7-10	B8-1.5	B8-3
Date Sampled				03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	ND	89.9	ND	112	158

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C5

Our Lab I.D.			91658.44	91658.46	91658.48	91658.49	91658.51
Client Sample I.D.			B8-5	B9-1.5	B9-5	B9-10	B10-1.5
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/07/2018	03/07/2018	03/07/2018	03/07/2018	03/07/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	29.4	83.6	20.5	54.8	57.2

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C5

Our Lab I.D.			91658.52	91658.54			
Client Sample I.D.			B10-3	B10-10			
Date Sampled			03/03/2018	03/03/2018			
Date Prepared			03/07/2018	03/07/2018			
Preparation Method			3050B	3050B			
Date Analyzed			03/07/2018	03/07/2018			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Lead	2.5	5.0	48.1	ND			

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QUALITY CONTROL RESULTS

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C3; Dup or Spiked Sample: 91658.01; LCS: Clean Sand; QC Prepared: 03/07/2018; QC Analyzed: 03/07/2018; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	75.3	50.0	141 #	131	50.0	139 #	127	3.1	75-125	<15

QC Batch No: 0307182C3; Dup or Spiked Sample: 91658.01; LCS: Clean Sand; QC Prepared: 03/07/2018; QC Analyzed: 03/07/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	51.0	102	50.0	50.5	101	<1	75-125	<15	

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C4; Dup or Spiked Sample: 91658.21; LCS: Clean Sand; QC Prepared: 03/07/2018; QC Analyzed: 03/07/2018; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	0.00	50.0	47.7	95.4	50.0	47.6	95.2	<1	75-125	<15

QC Batch No: 0307182C4; Dup or Spiked Sample: 91658.21; LCS: Clean Sand; QC Prepared: 03/07/2018; QC Analyzed: 03/07/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	50.5	101	50.0	50.5	101	<1	75-125	<15	

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0307182C5; Dup or Spiked Sample: 91658.38; LCS: Clean Sand; QC Prepared: 03/07/2018; QC Analyzed: 03/07/2018; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	89.9	50.0	135	90.2	50.0	134	88.2	2.2	75-125	<15

QC Batch No: 0307182C5; Dup or Spiked Sample: 91658.38; LCS: Clean Sand; QC Prepared: 03/07/2018; QC Analyzed: 03/07/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	53.5	107	50.0	53.5	107	<1	75-125	<15	

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Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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Telephone: (760)744-3363
Attention: Dan Weis

Number of Pages	**5**
Date Received	**03/06/2018**
Date Reported	**03/09/2018**

Job Number	Order Date	Client
91658	03/06/2018	AEC

Project ID: 18-027SD
Project Name: 18-027SD
Site: 600-628 S. San Pedro St.
Los Angeles, CA

Enclosed please find results of analyses of 10 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

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CHAIN OF CUSTODY RECORD

105656

AETL JOB No. 91658

Page 1 of 4

COMPANY: AEL
PROJECT MANAGER: Dan Weis
COMPANY ADDRESS: 145 Vallecitos De Oro Ste 201 San Marcos CA
PHONE 760 744 3383
FAX 760 744 3383
PROJECT NAME: 600-628 S. San Pedro st, Los Angeles, CA
PROJECT #: 18-02751
SITE NAME AND ADDRESS:
PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	B1-1.5	91658.01	3/3/18		soil	Acetate Sleeve	ICE
2	B1-3	91658.02					
3	B1-5	91658.03					
4	B1-10	91658.04					
5	B1-15	91658.05					
6	B1-20	91658.06					
7	B2-1	91658.07					
8	B2-2	91658.08					
9	B2-3	91658.09					
10	B2-5	91658.10					
11	B2-10	91658.11					
12	B2-15	91658.12					
13	B2-20	91658.13					
14	B3-1.5	91658.14					
15	B3-3	91658.15					

ANALYSIS REQUESTED

	Total Lead 6010B										
1	X										
2	*										
3	X										
4	X										
5											
6											
7											
8	X										
9	X										
10	*										
11	*										
12	X										
13											
14											
15	X										
	*										

TEST INSTRUCTIONS & COMMENTS

PDF by Friday

* Requested 3/8/18 @ 1:10 pm

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	15	PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT Y / N / NA	
RECEIVED IN GOOD COND Y / N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature:	Signature:
Printed Name: Samantha Hooper	Printed Name: BRIAN KATO	Printed Name: Thomas Gibson
Date: 3/3/18 Time: 1330	Date: 3/6/18 Time: 0700	Date: 3-6-18 Time: 1545
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: AETL 3.**
Signature:	Signature:	Signature:
Printed Name: BRIAN KATO	Printed Name:	Printed Name:
Date: 3/3/18 Time: 1330	Date: 3-6-18 Time: 1052	Date: 3/06/18 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105647

AETL JOB No. 91658

COMPANY | PROJECT MANAGER

COMPANY ADDRESS: See Page 1 | PHONE | FAX

PROJECT NAME | PROJECT #

SITE NAME AND ADDRESS | PO #

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B
1	B3-5	91658.16	3/3/18		Soil	Acetate Sleeve	ICE	X
2	B3-10	91658.17	"		"	"	"	X
3	B3-15	91658.18	"		"	"	"	
4	B3-20	91658.19	"		"	"	"	
5	B4-1.5	91658.20	"		"	"	"	X
6	B4-3	91658.21	"		"	"	"	X
7	B4-5	91658.22	"		"	"	"	*
8	B4-10	91658.23	"		"	"	"	X
9	B4-15	91658.24	"		"	"	"	
10	B4-20	91658.25	"		"	"	"	
11	B5-1.5	91658.26	"		"	"	"	
12	B5-3	91658.27	"		"	"	"	X
13	B5-5	91658.28	"		"	"	"	X
14	B5-10	91658.29	"		"	"	"	*
15	B5-15	91658.30	"		"	"	"	X

ANALYSIS REQUESTED

TEST INSTRUCTIONS & COMMENTS

PDF by Friday

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	15	PROPERLY COOLED (Y) / N / NA	
CUSTODY SEALS Y / N / (NA)		SAMPLES INTACT (Y) / N / NA	
RECEIVED IN GOOD COND (Y) / N		SAMPLES ACCEPTED (Y) / N	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature:	Signature:
Printed Name: Samantha Hopper	Printed Name: BRIAN KATO	Printed Name: Thomas Lefevre
Date: 3/3/18 Time: 1330	Date: 3/6/18 Time: 0700	Date: 3-6-18 Time: 1545
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: AETL 3.**
Signature:	Signature:	Signature:
Printed Name: BRIAN KATO	Printed Name: Thomas Lefevre	Printed Name: ANDY
Date: 3/3/18 Time: 1330	Date: 3-6-18 Time: 2050	Date: 03/06/18 Time: 1545

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CHAIN OF CUSTODY RECORD

105657

AETL JOB No. 91658

COMPANY

PROJECT MANAGER

COMPANY ADDRESS See Page 1

PHONE

FAX

PROJECT NAME

PROJECT #

SITE NAME AND ADDRESS

PO #

#	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B
1	B6-1	91658.31	3/3/18		Soil	Acetate Sleeve	Ice	X
2	B6-2	91658.32						X
3	B6-3	91658.33						*
4	B6-5	91658.34						X
5	B6-10	91658.35						X
6	B6-15	91658.36						
7	B7-1.5	91658.37						X
8	B7-3	91658.38						X
9	B7-5	91658.39						*
10	B7-10	91658.40						X
11	B7-15	91658.41						
12	B8-1.5	91658.42						X
13	B8-3	91658.43						X
14	B8-5	91658.44						X
15	~~B8-10~~							

ANALYSIS REQUESTED

TEST INSTRUCTIONS & COMMENTS: PDF by Friday

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS: 14

CUSTODY SEALS Y / (N) / NA

RECEIVED IN GOOD COND. (Y) / N

PROPERLY COOLED (Y) / N / NA

SAMPLES INTACT (Y) / N / NA

SAMPLES ACCEPTED (Y) / N

TURN AROUND TIME: ☐ NORMAL ☒ RUSH — ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED: ☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) ☐ OTHER (PLEASE SPECIFY)

	1.	2.	3.
RELINQUISHED BY	Sampler — Signature: [signature]; Printed Name: Samantha Hopper; Date: 3/3/18; Time: 13:30	Signature: [signature]; Printed Name: Brian Kato; Date: 3/6/18; Time: 0700	Signature: [signature]; Printed Name: Thomas Lobsaw; Date: 3-6-18; Time: 1545
RECEIVED BY	Signature: [signature]; Printed Name: Brian Kato; Date: 3/3/18; Time: 1330	Signature: [signature]; Printed Name: Thomas Lobsaw; Date: 3-6-18; Time: 1050	Received by Laboratory: AETL; Signature: [signature]; Printed Name: Antin; Date: 03/06/18; Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105658

AETL JOB No. 91658

COMPANY

PROJECT MANAGER

COMPANY ADDRESS See Page 1

PHONE

FAX

PROJECT NAME

PROJECT #

SITE NAME AND ADDRESS

PO #

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
1	B8-15	91658.45	3/3/18		So:1	Acetate sleeve	ICE			PDF by Friday
2	B9-1.5	91658.46						X		
3	B9-3	91658.47						*		
4	B9-5	91658.48						X		
5	B9-10	91658.49						X		
6	B9-15	91658.50								
7	B10-1.5	91658.51						X		
8	B10-3	91658.52						X		
9	B10-5	91658.53						*		
10	B10-10	91658.54						X		
11	B10-15	91658.55								
12										
13										
14										
15										

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	11	PROPERLY COOLED (Y / N / NA)	
CUSTODY SEALS (Y / N / NA)		SAMPLES INTACT (Y / N / NA)	
RECEIVED IN GOOD COND (Y / N)		SAMPLES ACCEPTED (Y / N)	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☒ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.
Signature:
Printed Name: Samantha Hopper
Date: 3/3/18 Time: 13:30

RECEIVED BY: 1.
Signature:
Printed Name: BRIAN KATO
Date: 3/3/18 Time: 1330

RELINQUISHED BY: 2.
Signature:
Printed Name: BRIAN KATO
Date: 3/6/18 Time: 0700

RECEIVED BY: 2.
Signature:
Printed Name:
Date: 3-6-18 Time: 1050

RELINQUISHED BY: 3.
Signature:
Printed Name:
Date: 3-6-18 Time: 1545

RECEIVED BY LABORATORY: ACT 3.
Signature:
Printed Name: Antin
Date: 03/06/18 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attention: Dan Weis

Project ID: 18-027SD
Date Received 03/06/2018
Date Reported 03/09/2018

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 55 samples with the following specification on 03/06/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
91658.01	B1-1.5	03/03/2018	Soil	1
91658.02	B1-3	03/03/2018	Soil	1
91658.03	B1-5	03/03/2018	Soil	1
91658.04	B1-10	03/03/2018	Soil	1
91658.07	B2-1	03/03/2018	Soil	1
91658.08	B2-2	03/03/2018	Soil	1
91658.09	B2-3	03/03/2018	Soil	1
91658.10	B2-5	03/03/2018	Soil	1
91658.11	B2-10	03/03/2018	Soil	1
91658.14	B3-1.5	03/03/2018	Soil	1
91658.15	B3-3	03/03/2018	Soil	1
91658.16	B3-5	03/03/2018	Soil	1
91658.17	B3-10	03/03/2018	Soil	1
91658.20	B4-1.5	03/03/2018	Soil	1
91658.21	B4-3	03/03/2018	Soil	1
91658.22	B4-5	03/03/2018	Soil	1
91658.23	B4-10	03/03/2018	Soil	1
91658.26	B5-1.5	03/03/2018	Soil	1
91658.27	B5-3	03/03/2018	Soil	1
91658.28	B5-5	03/03/2018	Soil	1
91658.29	B5-10	03/03/2018	Soil	1
91658.31	B6-1	03/03/2018	Soil	1
91658.32	B6-2	03/03/2018	Soil	1
91658.33	B6-3	03/03/2018	Soil	1

Continued

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Telephone: (760)744-3363
Attention: Dan Weis

Project ID: 18-027SD
Date Received 03/06/2018
Date Reported 03/09/2018

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

91658.34	B6-5	03/03/2018	Soil	1
91658.35	B6-10	03/03/2018	Soil	1
91658.37	B7-1.5	03/03/2018	Soil	1
91658.38	B7-3	03/03/2018	Soil	1
91658.39	B7-5	03/03/2018	Soil	1
91658.40	B7-10	03/03/2018	Soil	1
91658.42	B8-1.5	03/03/2018	Soil	1
91658.43	B8-3	03/03/2018	Soil	1
91658.44	B8-5	03/03/2018	Soil	1
91658.46	B9-1.5	03/03/2018	Soil	1
91658.47	B9-3	03/03/2018	Soil	1
91658.48	B9-5	03/03/2018	Soil	1
91658.49	B9-10	03/03/2018	Soil	1
91658.51	B10-1.5	03/03/2018	Soil	1
91658.52	B10-3	03/03/2018	Soil	1
91658.53	B10-5	03/03/2018	Soil	1
91658.54	B10-10	03/03/2018	Soil	1

Method ^ Submethod	*Req Date*	*Priority*	*TAT*	*Units*
(6010B.LEAD)	03/07/2018	2	Rush	mg/Kg

91658.05	B1-15	03/03/2018	Soil	1
91658.06	B1-20	03/03/2018	Soil	1
91658.12	B2-15	03/03/2018	Soil	1
91658.13	B2-20	03/03/2018	Soil	1
91658.18	B3-15	03/03/2018	Soil	1
91658.19	B3-20	03/03/2018	Soil	1
91658.24	B4-15	03/03/2018	Soil	1
91658.25	B4-20	03/03/2018	Soil	1
91658.30	B5-15	03/03/2018	Soil	1
91658.36	B6-15	03/03/2018	Soil	1

Continued

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Ordered By

Advantage Environmental Consultants 145 Vallecitos De Oro Suite 201 San Marcos, CA 92069-	Project ID: 18-027SD Date Received 03/06/2018 Date Reported 03/09/2018
Telephone: (760)744-3363 Attention: Dan Weis	

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

91658.41	B7-15	03/03/2018	Soil	1
91658.45	B8-15	03/03/2018	Soil	1
91658.50	B9-15	03/03/2018	Soil	1
91658.55	B10-15	03/03/2018	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
ARCHIVE	03/07/2018	2	Rush	--

The samples were analyzed as specified on the enclosed chain of custody.
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

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ANALYTICAL RESULTS

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro
Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attn: Dan Weis
Page: **2**

Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0308182C1

Our Lab I.D.			Method Blank	91658.02	91658.09	91658.10	91658.15
Client Sample I.D.				B1-3	B2-3	B2-5	B3-3
Date Sampled				03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/08/2018	03/08/2018	03/08/2018	03/08/2018	03/08/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/09/2018	03/09/2018	03/09/2018	03/09/2018	03/09/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	ND	25.8	ND	70.3	44.0

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ANALYTICAL RESULTS

Ordered By

Advantage Environmental Consultants
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Telephone: (760)744-3363
Attn: Dan Weis
Page: **3**

Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0308182C1

Our Lab I.D.			91658.22	91658.28	91658.33	91658.39	91658.47
Client Sample I.D.			B4-5	B5-5	B6-3	B7-5	B9-3
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/08/2018	03/08/2018	03/08/2018	03/08/2018	03/08/2018
Preparation Method			3050B	3050B	3050B	3050B	3050B
Date Analyzed			03/09/2018	03/09/2018	03/09/2018	03/09/2018	03/09/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			1	1	1	1	1
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead	2.5	5.0	ND	ND	12.3	28.1	101

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ANALYTICAL RESULTS

Ordered By

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San Marcos, CA 92069-

Telephone: (760)744-3363
Attn: Dan Weis

Site

600-628 S. San Pedro St.
Los Angeles, CA

Page: **4**

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0308182C1

Our Lab I.D.			91658.53				
Client Sample I.D.			B10-5				
Date Sampled			03/03/2018				
Date Prepared			03/08/2018				
Preparation Method			3050B				
Date Analyzed			03/09/2018				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Lead	2.5	5.0	ND				

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QUALITY CONTROL RESULTS

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro
Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attn: Dan Weis
Page: **5**

Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B.LEAD), Lead, ICP

QC Batch No: 0308182C1; Dup or Spiked Sample: 91658.02; LCS: Clean Sand; QC Prepared: 03/08/2018; QC Analyzed: 03/09/2018; Units: mg/Kg

Analytes	Sample Result	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit
Lead	25.8	50.0	69.6	87.6	50.0	70.6	89.6	2.26	75-125	<15

QC Batch No: 0308182C1; Dup or Spiked Sample: 91658.02; LCS: Clean Sand; QC Prepared: 03/08/2018; QC Analyzed: 03/09/2018; Units: mg/Kg

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead	50.0	50.4	101	50.0	51.4	103	1.96	75-125	<15	

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Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attention: Dan Weis

Number of Pages	**11**
Date Received	**03/06/2018**
Date Reported	**03/12/2018**

Job Number	Order Date	Client
91658	03/06/2018	AEC

Project ID: 18-027SD
Project Name: 18-027SD
Site: 600-628 S. San Pedro St.
Los Angeles, CA

Enclosed please find results of analyses of 11 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

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CHAIN OF CUSTODY RECORD

105656

AETL JOB No. 91658

Page 1 of 4

COMPANY: AEL	PROJECT MANAGER: Dan Wells
COMPANY ADDRESS: 145 Vallejitos De Oro Ste 201 San Marcos CA	PHONE: 760 744 3383 FAX: 760 744 3383
PROJECT NAME: 600-628 S. San Pedro st, Los Angeles, CA	PROJECT #: 18-027 SD
SITE NAME AND ADDRESS:	PO #:

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B	STLC - Pb	TCLP - Pb	TEST INSTRUCTIONS & COMMENTS
1	B1-1.5	91658.01	3/3/18		Soil	Acetate Sleeve	ICE	X	*	*	PDF by Friday
2	B1-3	91658.02									
3	B1-5	91658.03						X			
4	B1-10	91658.04						X			
5	B1-15	91658.05									
6	B1-20	91658.06									
7	B2-1	91658.07						X			
8	B2-2	91658.08						X	*	*	
9	B2-3	91658.09									
10	B2-5	91658.10									
11	B2-10	91658.11						X			
12	B2-15	91658.12									
13	B2-20	91658.13									
14	B3-1.5	91658.14						X			
15	B3-3	91658.15									

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	15	PROPERLY COOLED Y / N / NA	
CUSTODY SEALS Y (N) NA		SAMPLES INTACT Y / N / NA	
RECEIVED IN GOOD COND (Y) N		SAMPLES ACCEPTED Y / N	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature:	Signature:
Printed Name: Samantha Hopper	Printed Name: BRIAN KATO	Printed Name: Thomas Cobbs
Date: 3/3/18 Time: 1330	Date: 3/6/18 Time: 0700	Date: 3-6-18 Time: 1545
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: AETL 3.**
Signature:	Signature:	Signature:
Printed Name: BRIAN KATO	Printed Name: Thomas Cobbs	Printed Name: ANJ.
Date: 3/3/18 Time: 1330	Date: 3-6-18 Time: 1052	Date: 03/06/18 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105647

AETL JOB No. 91658

COMPANY	PROJECT MANAGER
COMPANY ADDRESS See Page 1	PHONE / FAX
PROJECT NAME	PROJECT #
SITE NAME AND ADDRESS	PO #

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B	ANALYSIS REQUESTED	TEST INSTRUCTIONS & COMMENTS
1	B3-5	91658.16	3/3/18		Soil	Acetate Sleeve	ICE	X		PDF by Friday
2	B3-10	91658.17	"		"	"	"	X		
3	B3-15	91658.18	"		"	"	"			
4	B3-20	91658.19	"		"	"	"			
5	B4-1.5	91658.20	"		"	"	"	X		
6	B4-3	91658.21	"		"	"	"	X		
7	B4-5	91658.22	"		"	"	"			
8	B4-10	91658.23	"		"	"	"	X		
9	B4-15	91658.24	"		"	"	"			
10	B4-20	91658.25	"		"	"	"			
11	B5-1.5	91658.26	"		"	"	"	X		
12	B5-3	91658.27	"		"	"	"	X		
13	B5-5	91658.28	"		"	"	"			
14	B5-10	91658.29	"		"	"	"	X		
15	B5-15	91658.30	"		"	"	"			

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	15	PROPERLY COOLED (Y / N / NA)	
CUSTODY SEALS Y / N / NA		SAMPLES INTACT (Y / N / NA)	
RECEIVED IN GOOD COND (Y / N)		SAMPLES ACCEPTED (Y / N)	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

	1.	2.	3.
RELINQUISHED BY SAMPLER:	Signature:	Signature:	Signature:
	Printed Name: Samantha Hopper	Printed Name: BRIAN KATO	Printed Name: Yolanda Lopez
	Date: 3/3/18 Time: 1330	Date: 3/6/18 Time: 0700	Date: 3-6-18 Time: 1545
RECEIVED BY:	Signature:	Signature:	Signature:
	Printed Name: BRIAN KATO	Printed Name: Yolanda Lopez	Printed Name: ANDY
	Date: 3/3/18 Time: 1330	Date: 3-6-18 Time: 1545	Date: 03/06/18 Time: 1545
			RECEIVED BY LABORATORY: AETL

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105657

AETL JOB No. 91658

COMPANY

PROJECT MANAGER

COMPANY ADDRESS See Page 1

PHONE

FAX

PROJECT NAME

PROJECT #

SITE NAME AND ADDRESS

PO #

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.
1	B6-1	91658.31	3/3/18		Soil	Acetate Sleeve	ICE
2	B6-2	91658.32					
3	~~B6~~-3	91658.33					
4	B6-5	91658.34					
5	B6-10	91658.35					
6	B6-15	91658.36					
7	B7-1.5	91658.37					
8	B7-3	91658.38					
9	B7-5	91658.39					
10	B7-10	91658.40					
11	B7-15	91658.41					
12	B8-1.5	91658.42					
13	B8-3	91658.43					
14	B8-5	91658.44					
15	~~B8-10~~						

ANALYSIS REQUESTED

Total Lead Colors	STLC Pb	TCLP Pb
X	X	
X		
X		
X	X	
X		
X		
X	X	
X		
X		

TEST INSTRUCTIONS & COMMENTS

PDF by Friday

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	14	PROPERLY COOLED (Y) / N / NA	
CUSTODY SEALS Y / N / (NA)		SAMPLES INTACT (Y) / N / NA	
RECEIVED IN GOOD COND. (Y) / N		SAMPLES ACCEPTED (Y) / N	

TURN AROUND TIME

☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED

☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) _____ ☐ OTHER (PLEASE SPECIFY) _____

RELINQUISHED BY SAMPLER: 1.	RELINQUISHED BY: 2.	RELINQUISHED BY: 3.
Signature:	Signature:	Signature:
Printed Name: Samantha Hopper	Printed Name: BRIAN KATO	Printed Name: THOMAS LOBRA
Date: 3/3/18 Time: 13:30	Date: 3/6/18 Time: 0700	Date: 3-6-18 Time: 1545
RECEIVED BY: 1.	**RECEIVED BY: 2.**	**RECEIVED BY LABORATORY: AETL 3.**
Signature:	Signature:	Signature:
Printed Name: BRIAN KATO	Printed Name: THOMAS LOBRA	Printed Name: ~~Printed Name:~~ ANTIN
Date: 3/3/18 Time: 1330	Date: 3-6-18 Time: 1050	Date: 03/06/18 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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CHAIN OF CUSTODY RECORD

105658

AETL JOB No. 91658

COMPANY

PROJECT MANAGER

COMPANY ADDRESS See Page 1

PHONE

FAX

PROJECT NAME

PROJECT #

SITE NAME AND ADDRESS

PO #

	SAMPLE ID	LAB ID	DATE	TIME	MATRIX	CONTAINER NUMBER/SIZE	PRES.	Total Lead 6010B	STLC Pb	TCLP Pb								
1	B8-15	91658.45	3/3/18		Soil	Acetate sleeve	I/E											
2	B9-1.5	91658.46						X	X	X								
3	B9-3	91658.47																
4	B9-5	91658.48						X										
5	B9-10	91658.49						X	X	X								
6	B9-15	91658.50																
7	B10-1.5	91658.51						X	X	X								
8	B10-3	91658.52						X										
9	B10-5	91658.53																
10	B10-10	91658.54						X										
11	B10-15	91658.55																
12																		
13																		
14																		
15																		

TEST INSTRUCTIONS & COMMENTS

PDF By Friday

SAMPLE RECEIPT - TO BE FILLED BY LABORATORY

TOTAL NUMBER OF CONTAINERS	11	PROPERLY COOLED	(Y) / N / NA
CUSTODY SEALS	Y / (N) / NA	SAMPLES INTACT	(Y) / N / NA
RECEIVED IN GOOD COND.	(Y) / N	SAMPLES ACCEPTED	(Y) / N

TURN AROUND TIME: ☐ NORMAL ☒ RUSH ☐ SAME DAY ☒ NEXT DAY ☐ 2 DAYS ☐ 3 DAYS

DATA DELIVERABLE REQUIRED: ☐ HARD COPY ☒ PDF ☐ GEOTRACKER (GLOBAL ID) ______ ☐ OTHER (PLEASE SPECIFY) ______

	1.	2.	3.
RELINQUISHED BY	SAMPLER: Signature: [signature] Printed Name: Samantha Hopper Date: 3/3/18 Time: 13:30	Signature: [signature] Printed Name: BRIAN KATO Date: 3/6/18 Time: 0700	Signature: [signature] Printed Name: Octavio Lozano Date: 3-6-18 Time: 1545
RECEIVED BY	Signature: [signature] Printed Name: BRIAN KATO Date: 3/3/18 Time: 1330	Signature: [signature] Printed Name: Octavio Lozano Date: 3-6-18 Time: 2050	LABORATORY: AETL Signature: [signature] Printed Name: Andrea Date: 03/06/18 Time: 1545

DISTRIBUTION: WHITE - Laboratory, CANARY - Laboratory, PINK - Project/Account Manager, YELLOW - Sampler/Originator

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COOLER RECEIPT FORM

Client Name: AEC

Project Name:

AETL Job Number: 91658

Date Received: 03/06/18 Received by: Antin

Carrier: ☒ AETL Courier ☐ Client ☐ GSO ☐ FedEx ☐ UPS

☐ Others:

Samples were received in: ☒ Cooler (1) ☐ Other (Specify):

Inside temperature of shipping container No 1: 3.4°, No 2: ____, No 3: ____

Type of sample containers: ☐ VOA, ☐ Glass bottles, ☐ Wide mouth jars, ☐ HDPE bottles, ☐ Metal sleeves, ☐ Others (Specify): PE tube

How are samples preserved: ☐ None, ☐ Ice, ☒ Blue Ice, ☐ Dry Ice

\ None, _ HNO_3, _ NaOH, _ ZnOAc, _ HCl, _ $Na_2S_2O_3$, _ MeOH

_ Other (Specify):

	Yes	No, explain below	Name, if client was notified.
1. Are the COCs Correct?	Y		
2. Are the Sample labels legible?	Y		
3. Do samples match the COC?	Y		
4. Are the required analyses clear?	Y		
5. Is there enough samples for required analysis?	Y		
6. Are samples sealed with evidence tape?		N	
7. Are sample containers in good condition?	Y		
8. Are samples preserved?	Y		
9. Are samples preserved properly for the intended analysis?	Y		
10. Are the VOAs free of headspace?	N/A		
11. Are the jars free of headspace?	Y		

Explain all "No" answers for above questions:

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Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attention: Dan Weis

Project ID: 18-027SD
Date Received 03/06/2018
Date Reported 03/09/2018

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS
CASE NARRATIVE

AETL received 55 samples with the following specification on 03/06/2018.

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
91658.01	B1-1.5	03/03/2018	Soil	1
91658.32	B6-2	03/03/2018	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(6010/7000TCLP) ^ PB	03/07/2018	2	Rush	mg/L
(6010B-STLC) ^ STLC-PB	03/08/2018	3	Rush	mg/L
(6010B.LEAD)	03/07/2018	2	Rush	mg/Kg

91658.02	B1-3	03/03/2018	Soil	1
91658.03	B1-5	03/03/2018	Soil	1
91658.04	B1-10	03/03/2018	Soil	1
91658.07	B2-1	03/03/2018	Soil	1
91658.09	B2-3	03/03/2018	Soil	1
91658.10	B2-5	03/03/2018	Soil	1
91658.11	B2-10	03/03/2018	Soil	1
91658.14	B3-1.5	03/03/2018	Soil	1
91658.15	B3-3	03/03/2018	Soil	1
91658.16	B3-5	03/03/2018	Soil	1
91658.17	B3-10	03/03/2018	Soil	1
91658.20	B4-1.5	03/03/2018	Soil	1
91658.21	B4-3	03/03/2018	Soil	1
91658.22	B4-5	03/03/2018	Soil	1
91658.23	B4-10	03/03/2018	Soil	1
91658.26	B5-1.5	03/03/2018	Soil	1
91658.27	B5-3	03/03/2018	Soil	1
91658.28	B5-5	03/03/2018	Soil	1
91658.29	B5-10	03/03/2018	Soil	1

Continued

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Telephone: (760)744-3363
Attention: Dan Weis

Project ID: 18-027SD
Date Received 03/06/2018
Date Reported 03/09/2018

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

91658.33	B6-3	03/03/2018	Soil	1
91658.34	B6-5	03/03/2018	Soil	1
91658.35	B6-10	03/03/2018	Soil	1
91658.39	B7-5	03/03/2018	Soil	1
91658.40	B7-10	03/03/2018	Soil	1
91658.44	B8-5	03/03/2018	Soil	1
91658.47	B9-3	03/03/2018	Soil	1
91658.48	B9-5	03/03/2018	Soil	1
91658.52	B10-3	03/03/2018	Soil	1
91658.53	B10-5	03/03/2018	Soil	1
91658.54	B10-10	03/03/2018	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
(6010B.LEAD)	03/07/2018	2	Rush	mg/Kg

91658.05	B1-15	03/03/2018	Soil	1
91658.06	B1-20	03/03/2018	Soil	1
91658.12	B2-15	03/03/2018	Soil	1
91658.13	B2-20	03/03/2018	Soil	1
91658.18	B3-15	03/03/2018	Soil	1
91658.19	B3-20	03/03/2018	Soil	1
91658.24	B4-15	03/03/2018	Soil	1
91658.25	B4-20	03/03/2018	Soil	1
91658.30	B5-15	03/03/2018	Soil	1
91658.36	B6-15	03/03/2018	Soil	1
91658.41	B7-15	03/03/2018	Soil	1
91658.45	B8-15	03/03/2018	Soil	1
91658.50	B9-15	03/03/2018	Soil	1
91658.55	B10-15	03/03/2018	Soil	1

Method ^ Submethod	Req Date	Priority	TAT	Units
ARCHIVE	03/07/2018	2	Rush	--

Continued

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Ordered By

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Telephone: (760)744-3363
Attention: Dan Weis

Project ID: 18-027SD
Date Received 03/06/2018
Date Reported 03/09/2018

Job Number	Order Date	Client
91658	03/06/2018	AEC

CERTIFICATE OF ANALYSIS

CASE NARRATIVE

Lab ID	Sample ID	Sample Date	Matrix	Quantity Of Containers
91658.08	B2-2	03/03/2018	Soil	1
91658.31	B6-1	03/03/2018	Soil	1
91658.37	B7-1.5	03/03/2018	Soil	1
91658.38	B7-3	03/03/2018	Soil	1
91658.42	B8-1.5	03/03/2018	Soil	1
91658.43	B8-3	03/03/2018	Soil	1
91658.46	B9-1.5	03/03/2018	Soil	1
91658.49	B9-10	03/03/2018	Soil	1
91658.51	B10-1.5	03/03/2018	Soil	1

Method ^ Submethod	*Req Date*	*Priority*	*TAT*	*Units*
(6010/7000TCLP) ^ PB	03/08/2018	3	Rush	mg/L
(6010B-STLC) ^ STLC-PB	03/08/2018	3	Rush	mg/L
(6010B.LEAD)	03/07/2018	2	Rush	mg/Kg

The samples were analyzed as specified on the enclosed chain of custody.
No analytical non-conformances were encountered.

Unless otherwise noted, all results of soil and solid samples are based on wet weight.

Checked By: _____ Approved By: C. Razmara

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.
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ANALYTICAL RESULTS

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro
Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attn: Dan Weis
Page: **2**

Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B-STLC), Soluble Threshold Limit Concentration (STLC)

QC Batch No: 0309182C1

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			03/09/2018				
Preparation Method			TITLE 22				
Date Analyzed			03/12/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Lead (STLC)	0.05	0.10	ND				

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ANALYTICAL RESULTS

Ordered By

Advantage Environmental Consultants
145 Vallecitos De Oro
Suite 201
San Marcos, CA 92069-

Telephone: (760)744-3363
Attn: Dan Weis
Page: **3**

Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B-STLC), Soluble Threshold Limit Concentration (STLC)

QC Batch No: 0309182C1

Our Lab I.D.			91658.01	91658.08	91658.31	91658.32	91658.37
Client Sample I.D.			B1-1.5	B2-2	B6-1	B6-2	B7-1.5
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/09/2018	03/09/2018	03/09/2018	03/09/2018	03/09/2018
Preparation Method			TITLE 22	TITLE 22	TITLE 22	TITLE 22	TITLE 22
Date Analyzed			03/12/2018	03/12/2018	03/12/2018	03/12/2018	03/12/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/L	mg/L	mg/L	mg/L	mg/L
Dilution Factor			10	10	10	10	10
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead (STLC)	0.50	1.00	2.92	2.72	3.76	5.43	3.36

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Telephone: (760)744-3363
Attn: Dan Weis
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Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B-STLC), Soluble Threshold Limit Concentration (STLC)

QC Batch No: 0309182C1

Our Lab I.D.			91658.38	91658.42	91658.43	91658.46	91658.49
Client Sample I.D.			B7-3	B8-1.5	B8-3	B9-1.5	B9-10
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/09/2018	03/09/2018	03/09/2018	03/09/2018	03/09/2018
Preparation Method			TITLE 22	TITLE 22	TITLE 22	TITLE 22	TITLE 22
Date Analyzed			03/12/2018	03/12/2018	03/12/2018	03/12/2018	03/12/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/L	mg/L	mg/L	mg/L	mg/L
Dilution Factor			10	10	10	10	10
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead (STLC)	0.50	1.00	1.74	5.56	4.62	5.01	3.87

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Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B-STLC), Soluble Threshold Limit Concentration (STLC)

QC Batch No: 0309182C1

Our Lab I.D.			91658.51				
Client Sample I.D.			B10-1.5				
Date Sampled			03/03/2018				
Date Prepared			03/09/2018				
Preparation Method			TITLE 22				
Date Analyzed			03/12/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			10				
Analytes	**MDL**	**PQL**	**Results**				
Lead (STLC)	0.50	1.00	0.532J				

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Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure (TCLP,EPA 1311)

QC Batch No: 0309182C2

Our Lab I.D.			Method Blank				
Client Sample I.D.							
Date Sampled							
Date Prepared			03/09/2018				
Preparation Method			1311				
Date Analyzed			03/12/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Lead (TCLP)	0.05	0.10	ND				

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600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure (TCLP,EPA 1311)

QC Batch No: 0309182C2

Our Lab I.D.			91658.01	91658.08	91658.31	91658.32	91658.37
Client Sample I.D.			B1-1.5	B2-2	B6-1	B6-2	B7-1.5
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/09/2018	03/09/2018	03/09/2018	03/09/2018	03/09/2018
Preparation Method			1311	1311	1311	1311	1311
Date Analyzed			03/12/2018	03/12/2018	03/12/2018	03/12/2018	03/12/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/L	mg/L	mg/L	mg/L	mg/L
Dilution Factor			10	10	10	10	10
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead (TCLP)	0.50	1.00	ND	ND	ND	ND	ND

Comment(s):
91658.01: Analyzed under dilution due to matrix interference 91658.08: Analyzed under dilution due to matrix interference 91658.31: Analyzed under dilution due to matrix interference 91658.32: Analyzed under dilution due to matrix interference 91658.37: Analyzed under dilution due to matrix interference

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Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure (TCLP,EPA 1311)

QC Batch No: 0309182C2

Our Lab I.D.			91658.38	91658.42	91658.43	91658.46	91658.49
Client Sample I.D.			B7-3	B8-1.5	B8-3	B9-1.5	B9-10
Date Sampled			03/03/2018	03/03/2018	03/03/2018	03/03/2018	03/03/2018
Date Prepared			03/09/2018	03/09/2018	03/09/2018	03/09/2018	03/09/2018
Preparation Method			1311	1311	1311	1311	1311
Date Analyzed			03/12/2018	03/12/2018	03/12/2018	03/12/2018	03/12/2018
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/L	mg/L	mg/L	mg/L	mg/L
Dilution Factor			10	10	10	10	10
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Lead (TCLP)	0.50	1.00	ND	ND	ND	ND	ND

Comment(s):
91658.38: Analyzed under dilution due to matrix interference 91658.42: Analyzed under dilution due to matrix interference 91658.43: Analyzed under dilution due to matrix interference 91658.46: Analyzed under dilution due to matrix interference 91658.49: Analyzed under dilution due to matrix interference

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Site

600-628 S. San Pedro St.
Los Angeles, CA

Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure (TCLP,EPA 1311)

QC Batch No: 0309182C2

Our Lab I.D.			91658.51				
Client Sample I.D.			B10-1.5				
Date Sampled			03/03/2018				
Date Prepared			03/09/2018				
Preparation Method			1311				
Date Analyzed			03/12/2018				
Matrix			Soil				
Units			mg/L				
Dilution Factor			10				
Analytes	**MDL**	**PQL**	**Results**				
Lead (TCLP)	0.50	1.00	ND				

Comment(s):
91658.51: Analyzed under dilution due to matrix interference

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QUALITY CONTROL RESULTS

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Attn: Dan Weis

Site

600-628 S. San Pedro St.
Los Angeles, CA

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010/7000TCLP), Toxicity Characteristic Leaching Procedure (TCLP,EPA 1311)

QC Batch No: 0309182C2; Dup or Spiked Sample: 91658.08; LCS: Clean Sand; LCS Prepared: 03/09/2018; LCS Analyzed: 03/12/2018; Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Lead (TCLP)	ND	ND	<1	<20						

QC Batch No: 0309182C2; Dup or Spiked Sample: 91658.08; LCS: Clean Sand; LCS Prepared: 03/09/2018; LCS Analyzed: 03/12/2018; Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead (TCLP)	10.0	8.98	89.8	10.0	9.01	90.1	<1	80-120	<15	

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QUALITY CONTROL RESULTS

Ordered By

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Site

600-628 S. San Pedro St.
Los Angeles, CA

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Project ID: 18-027SD
Project Name: 18-027SD

AETL Job Number	Submitted	Client
91658	03/06/2018	AEC

Method: (6010B-STLC), Soluble Threshold Limit Concentration (STLC)

QC Batch No: 0309182C1; Dup or Spiked Sample: 91658.01; LCS: Clean Sand; LCS Prepared: 03/09/2018; LCS Analyzed: 03/12/2018; Units: mg/L

Analytes	SM Result	SM DUP Result	RPD %	SM RPD % Limit						
Lead (STLC)	2.92	3.09	5.7	<20						

QC Batch No: 0309182C1; Dup or Spiked Sample: 91658.01; LCS: Clean Sand; LCS Prepared: 03/09/2018; LCS Analyzed: 03/12/2018; Units: mg/L

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS DUP Concen	LCS DUP Recov	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit	
Lead (STLC)	10.0	9.81	98.1	10.0	9.79	97.9	<1	80-120	<15	

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Data Qualifiers and Descriptors

Data Qualifier:

#:	Recovery is not within acceptable control limits.
*:	In the QC section, sample results have been taken directly from the ICP reading. No preparation factor has been applied.
B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
H:	Analysis was performed over the allowed holding time due to circumstances which were beyond laboratory control.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
M:	Matrix spike recovery is outside control limits due to matrix interference. Laboratory Control Sample recovery was acceptable.
MCL:	Maximum Contaminant Level
NS:	No Standard Available
S6:	Surrogate recovery is outside control limits due to matrix interference.
S8:	The analysis of the sample required a dilution such that the surrogate concentration was diluted below the method acceptance criteria.
X:	Results represent LCS and LCSD data.

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit is a statistically derived number which is specific for each instrument, each method, and each compound. It indicates a distinctively detectable quantity with 99% probability.

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Data Qualifiers and Descriptors

MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

Baseline Analytical Services
P. O. Box 2243
Huntington Beach, CA 92647 Telephone: 714.273.2955

Laboratory Report

Client: Advantage Environmental Consultants, LLC
Client Address: 145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Project Name: 600-628 S. San Pedro Street
Project Address: 600-628 S. San Pedro Street
Los Angeles, California
Contact: Dan Weis

Report Date: 3/5/18
Lab Project Number: 18158
Client Project Number: 18-027SD

Dates Sampled: 3/3/18
Dates Received: 3/3/18
Dates Analyzed: 3/5/18
Sample Matrix: Soil

Analyses Requested:

1. **EPA 8015B – Total Petroleum Hydrocarbons as Gasoline (TPH-G)**
2. **EPA 8015B – Total Petroleum Hydrocarbons as Diesel (TPH-D)**
3. **EPA 8015B – Total Petroleum Hydrocarbons as Waste Oil (TPH-WO)**
4. **EPA 8260B – Volatile Organic Compounds (VOC's) with Fuel Oxygenates**

Baseline received samples collected from the project shown above. A Chain-of-Custody Record (COC) is attached.

The samples were analyzed for the parameters shown above per the COC. In this report, Baseline presents the results and a QA/QC summary for these analyses.

Brian K. Kato

Approved
Brian K. Kato, Laboratory Manager

BASELINE ON-SITE ANALYSIS™

Baseline Analytical Services
P. O. Box 2243
Huntington Beach, CA 92647 Telephone: 714.273.2955

Laboratory Report

Client: Advantage Environmental Consultants, LLC
Client Address: 145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Report Date: 3/5/18
Lab Project Number: 18158
Client Project Number: 18-027SD

Project Name: 600-628 S. San Pedro Street
Project Address: 600-628 S. San Pedro Street
Los Angeles, California
Contact: Dan Weis

Dates Sampled: 3/3/18
Dates Received: 3/3/18
Dates Analyzed: 3/5/18
Sample Matrix: Soil

Total Petroleum Hydrocarbons as Gasoline (TPH-G), Diesel (TPH-D), and Waste Oil (TPH-WO) Results

Constituent:	TPH-G	TPH-D	TPH-WO
Carbon Chain Range:	8015B	8015B	8015B
Method:	C4-C12	C10-C28	C29-C36
Units:	mg/kg	mg/kg	mg/kg
Sample ID			
B1-10	ND<10	ND<10	ND<10
B1-20	ND<10	ND<10	ND<10
B2-15	ND<10	ND<10	ND<10
B2-20	ND<10	ND<10	ND<10
B3-10	ND<10	ND<10	ND<10
B3-20	ND<10	ND<10	ND<10
B4-20	ND<10	ND<10	ND<10
B7-10	ND<10	ND<10	ND<10
B9-15	ND<10	ND<10	ND<10
B10-15	ND<10	ND<10	ND<10
Method Blank	ND<10	ND<10	ND<10

ND: Not detected at the indicated reporting limit (PQL)

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Laboratory Report

Client: Advantage Environmental Consultants, LLC
Client Address: 145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Project Name: 600-628 S. San Pedro Street
Project Address: 600-628 S. San Pedro Street
Los Angeles, California
Contact: Dan Weis

Report Date: 3/5/18
Lab Project Number: 18158
Client Project Number: 18-027SD

Dates Sampled: 3/3/18
Dates Received: 3/3/18
Dates Analyzed: 3/5/18
Sample Matrix: Soil

Volatile Organic Compounds (EPA 8260B) - Part I

EPA Method:	8260B	8260B	8260B	8260B	8260B	8260B
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor:	1	1	1	1	1	1
Sample ID:	**B1-10**	**B1-20**	**B2-15**	**B2-20**	**B3-10**	**B3-20**
Compound Name						
Volatile Aromatics (BTEX)						
Benzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Toluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Ethylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Total Xylenes	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Fuel Oxygenates						
Methyl t-Butyl Ether (MTBE)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
t-Butanol (TBA)	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025
Di-Isopropyl Ether (DIPE)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Ethyl t-Butyl Ether (ETBE)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
t-Anyl Methyl Ether (TAME)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Ethanol	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Non-Halogenated VOC's						
n-Butylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
sec-Butylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
tert-Butylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Isopropylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
p-isopropyltoluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Naphthalene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
n-Propylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Styrene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2,4-Trimethylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,3,5-Trimethylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Halogenated VOC's (HVOC's)						
Bromobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Bromochloromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Bromoform	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Bromomethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Carbon Tetrachloride	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
2-Chlorotoluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
4-Chlorotoluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Chlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Chloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Chloroform	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Chloromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050

ND: Not detected at the indicated method detection limit

BASELINE ON-SITE ANALYSIS™

Baseline Analytical Services
P. O. Box 2243
Huntington Beach, CA 92647 Telephone: 714.273.2955

Laboratory Report

Client: Advantage Environmental Consultants, LLC
Client Address: 145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Report Date: 3/5/18
Lab Project Number: 18158
Client Project Number: 18-027SD

Project Name: 600-628 S. San Pedro Street
Project Address: 600-628 S. San Pedro Street
Los Angeles, California
Contact: Dan Weis

Dates Sampled: 3/3/18
Dates Received: 3/3/18
Dates Analyzed: 3/5/18
Sample Matrix: Soil

Volatile Organic Compounds (EPA 8260B) - Part II

EPA Method:	8260B	8260B	8260B	8260B	8260B	8260B
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor:	1	1	1	1	1	1
Sample ID:	**B1-10**	**B1-20**	**B2-15**	**B2-20**	**B3-10**	**B3-20**
Compound Name						
HVOC's, continued						
Dibromochloromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2-Dibromo-3-Chloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2-Dibromomethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2-Dichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,3-Dichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,4-Dichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Dichlorodifluoromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,1-Dichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2-Dichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,1-Dichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
cis-1,2-Dichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
trans-1,2-Dichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2-Dichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,3-Dichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
2,2-Dichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,1-Dichloropropene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Hexachlorobutadiene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Methylene Chloride	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Tetrachloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,1,1,2-Tetrachloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,1,2,2-Tetrachloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2,3-Trichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2,4-Trichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,1,1-Trichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,1,2-Trichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Trichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Trichlorofluoromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
1,2,3-Trichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Vinyl Chloride	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050

ND: Not detected at the indicated method detection limit

BASELINE ON-SITE ANALYSIS™

Baseline Analytical Services
P. O. Box 2243
Huntington Beach, CA 92647 Telephone: 714.273.2955

Laboratory Report

Client: Advantage Environmental Consultants, LLC
Client Address: 145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Project Name: 600-628 S. San Pedro Street
Project Address: 600-628 S. San Pedro Street
Los Angeles, California
Contact: Dan Weis

Report Date: 3/5/18
Lab Project Number: 18158
Client Project Number: 18-027SD

Dates Sampled: 3/3/18
Dates Received: 3/3/18
Dates Analyzed: 3/5/18
Sample Matrix: Soil

Volatile Organic Compounds (EPA 8260B) - Part I

EPA Method:	8260B	8260B	8260B	8260B		8260B
Units:	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg
Dilution Factor:	1	1	1	1		1
Sample ID:	**B4-20**	**B7-10**	**B9-15**	**B10-15**		**Method Blank**
Compound Name						
Volatile Aromatics (BTEX)						
Benzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Toluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Ethylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Total Xylenes	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Fuel Oxygenates						
Methyl t-Butyl Ether (MTBE)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
t-Butanol (TBA)	ND<0.025	ND<0.025	ND<0.025	ND<0.025		ND<0.025
Di-Isopropyl Ether (DIPE)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Ethyl t-Butyl Ether (ETBE)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
t-Anyl Methyl Ether (TAME)	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Ethanol	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50
Non-Halogenated VOC's						
n-Butylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
sec-Butylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
tert-Butylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Isopropylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
p-isopropyltoluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Naphthalene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
n-Propylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Styrene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2,4-Trimethylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,3,5-Trimethylbenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Halogenated VOC's (HVOC's)						
Bromobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Bromochloromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Bromoform	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Bromomethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Carbon Tetrachloride	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
2-Chlorotoluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
4-Chlorotoluene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Chlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Chloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Chloroform	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Chloromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050

ND: Not detected at the indicated method detection limit

BASELINE ON-SITE ANALYSIS™

Baseline Analytical Services
P. O. Box 2243
Huntington Beach, CA 92647 Telephone: 714.273.2955

Laboratory Report

Client: Advantage Environmental Consultants, LLC
Client Address: 145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Report Date: 3/5/18
Lab Project Number: 18158
Client Project Number: 18-027SD

Project Name: 600-628 S. San Pedro Street
Project Address: 600-628 S. San Pedro Street
Los Angeles, California
Contact: Dan Weis

Dates Sampled: 3/3/18
Dates Received: 3/3/18
Dates Analyzed: 3/5/18
Sample Matrix: Soil

Volatile Organic Compounds (EPA 8260B) - Part II

EPA Method:	8260B	8260B	8260B	8260B		8260B
Units:	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg
Dilution Factor:	1	1	1	1		1
Sample ID:	**B4-20**	**B7-10**	**B9-15**	**B10-15**		**Method Blank**
Compound Name						
HVOC's, continued						
Dibromochloromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2-Dibromo-3-Chloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2-Dibromomethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2-Dichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,3-Dichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,4-Dichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Dichlorodifluoromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,1-Dichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2-Dichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,1-Dichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
cis-1,2-Dichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
trans-1,2-Dichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2-Dichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,3-Dichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
2,2-Dichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,1-Dichloropropene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Hexachlorobutadiene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Methylene Chloride	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Tetrachloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,1,1,2-Tetrachloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,1,2,2-Tetrachloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2,3-Trichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2,4-Trichlorobenzene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,1,1-Trichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,1,2-Trichloroethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Trichloroethene	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Trichlorofluoromethane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
1,2,3-Trichloropropane	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050
Vinyl Chloride	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050

ND: Not detected at the indicated method detection limit

Baseline Analytical Services
P. O. Box 2243
Huntington Beach, CA 92647 Telephone: 714.273.2955

Laboratory Report

Client: Advantage Environmental Consultants, LLC
Client Address: 145 Vallecitos De Oro, Suite 201
San Marcos, CA 92069

Project Name: 600-628 S. San Pedro Street
Project Address: 600-628 S. San Pedro Street
Los Angeles, California
Contact: Dan Weis

Report Date: 3/5/18
Lab Project Number: 18158
Client Project Number: 18-027SD

Dates Sampled: 3/3/18
Dates Received: 3/3/18
Dates Analyzed: 3/5/18
Sample Matrix: Soil

Quality Control Summary

Analytes	MS Recovery (%)	MSD Recovery (%)	RPD (%)	QC Sample
Soils				
TPH-C6-C36	92	96	4	LCS/LCSD
Benzene (8260B)	95	98	3	LCS/LCSD
Toluene (8260B)	90	92	2	LCS/LCSD
MTBE (8260B)	96	91	5	LCS/LCSD
1,1-Dichloroethene (8260B)	98	90	9	LCS/LCSD
Trichloroethene (8260B)	87	94	7	LCS/LCSD
Chlorobenzene (8260B)	93	99	6	LCS/LCSD
Acceptable QC Limits:	(65-135)	(65-135)	(0-30)	

LCS/LCSD: Lab Control Sample/Duplicate; MS: Matrix Spike; MSD: Matrix Spike Duplicate; RPD: Relative Percent Difference

Client Name	Project Name				Requested Analyses						CHAIN-OF-CUSTODY RECORD
AEL											
Client Address	Project Address										Page 1 of 3
145 Vallecitos De Oro ste 201	600-628 S. San Pedro St										
San Marcos CA	Los Angeles CA 90014										Laboratory Project #:
Phone: 760 744 5365 FAX: 760 744 3383	Project Number 18-0275D										18158
Contact: Dan Weis											
Sample ID		Sampling Date	Sampling Time	Lab ID	Soil (S), Water (W), Vapor (V)	Number of Containers	TPH 8015B	VOCs 8260B			Comments
B1 - 1.5		3/3/18			S	1					
B1 - 3					S	1					
B1 - 5					S	1					
B1 - 10					S	1	X	X			
B1 - 15					S	1					
B1 - 20					S	1	X	X			
B2 - 1					S	1					
B2 - 2					S	1					
B2 - 3					S	1					
B2 - 5					S	1					
B2 - 10					S	1					
B2 - 15					S	1	X	X			
B2 - 20					S	1	X	X			
B3 - 1.5					S	1					
B3 - 3					S	1					
B3 - 5					S	1					
B3 - 10					S	1	X	X			
B3 - 15					S	1					
B3 - 20					S	1	X	X			
B4 - 1.5					S	1					
B4 - 3					S	1					
B4 - 5					S	1					
B4 - 10					S	1					
B4 - 15					S	1					
B4 - 20					S	1	X	X			

1. Relinquished by	2. Received by	Turnaround Time:
Signature: X	Signature: X BK	Special Instructions/Notes:
Date/Time: 3/3/18 1330	Date/Time: 3/3/18 1330	
3. Relinquished by	4. Received by	Sample Condition: Sealed? Y / N Chilled? Y / N
Signature: X	Signature: X	
Date/Time:	Date/Time:	

BASELINE ENVIRONMENTAL ANALYSIS™
P. O. Box 2243
Huntington Beach, California 92647
Telephone: (888) 753-7553
FAX: (714) 840-1584

Client Name	Project Name
Client Address: See Page 1	Project Address
Phone: FAX:	Project Number
Contact:	

CHAIN-OF-CUSTODY RECORD

Page 2 of 3

Laboratory Project #: 18158

Sample ID	Sampling Date	Sampling Time	Lab ID	Soil (S), Water (W), Vapor (V)	Number of Containers	Requested Analyses: TPH 8015	Requested Analyses: VOCs 8260/8021	Comments
B5 - 1.5								
B5 - 3								
B5 - 5								
B5 - 10								
B5 - 15								
B6 - 1								
B6 - 2								
B6 - 3								
B6 - 5								
B6 - 10								
B6 - 15								
B7 - 1.5								
B7 - 3								
B7 - 5								
B7 - 10						X	X	
B7 - 15								
B8 - 1.5								
B8 - 3								
B8 - 5								
B8 - 10								
B8 - 15								
B9 - 1.5								
B9 - 3								
B9 - 5								
B9 - 10								

1. Relinquished by	2. Received by	Turnaround Time:
Signature: X	Signature: X	Special Instructions/Notes:
Date/Time: 3/3/18 13:30	Date/Time: 3/3/18, 1330	
3. Relinquished by	**4. Received by**	
Signature: X	Signature: X	Sample Condition: Sealed? Y / N
Date/Time:	Date/Time:	Chilled? Y / N

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Huntington Beach, California 92647
Telephone: (888) 753-7553
FAX: (714) 840-1584

Client Name	Project Name	Soil (S), Water (W), Vapor (V)	Number of Containers	Requested Analyses					CHAIN-OF-CUSTODY RECORD
Client Address: See Page 1	Project Address								Page 3 of 3
									Laboratory Project #: 18158
Phone: FAX:	Project Number								
Contact: "									

Sample ID	Sampling Date	Sampling Time	Lab ID	Soil (S), Water (W), Vapor (V)	Number of Containers	TPH 8015S	VOCs 8260S				Comments
B9 - 15						X	X				
B10 - 1.5											
B10 - 3											
B10 - 5											
B10 - 10											
B10 - 15						X	X				

1. Relinquished by	2. Received by	Turnaround Time:
Signature: X	Signature: X	Special Instructions/Notes:
Date/Time: 3/3/18 1330	Date/Time: 3/3/18 1330	
3. Relinquished by	4. Received by	Sample Condition: Sealed? Y / N
Signature: X	Signature: X	Chilled? Y / N
Date/Time:	Date/Time:	

BASELINE ON THE ANALYSIS™
P. O. Box 2243
Huntington Beach, California 92647
Telephone: (888) 753-7553
FAX: (714) 840-1584

APPENDIX C

SOIL GAS ANALYTICAL LABORATORY REPORT

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 1)

Laboratory Name:	Baseline Analytical Services
Address:	P.O. Box 2243 Huntington Beach, California 92647
Telephone:	(714) 273-2955
ELAP Certification Number:	2284 Expiration Date: January 31, 2020
Authorized Signature Name, Title (print)	Brian Kato, Laboratory Director
Signature, Date	Brian K. Kato 6/6/2018
Laboratory Report Number:	18152
Client Name:	Advantage Environmental Consultants, LLC
Project Name:	600-628 S. San Pedro Street
Project Address:	600-628 S. San Pedro Street & 611-615 Crocker Street Los Angeles, California
Date(s) Sampled:	3/3/18
Date(s) Received:	3/3/18
Date(s) Reported:	3/3/18
Chain of Custody Received:	Yes
Comments:	Sample Matrix: Vapor

California Regional Water Quality Control Board/DTSC

Laboratory Report Form (Cover Page 2)

Organic Analyses	Number of Samples	Number of Samples Subcontracted
VOC's (EPA 8260B)	6 Samples (Includes samples, duplicates, & blanks)	0

Sample Condition: good

Inorganic Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Microbiological Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Other Types of Analyses	Number of Samples	Number of Samples Subcontracted

Sample Condition:

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: µg/L

		DATE ANALYZED	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
		DATE EXTRACTED	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
		CLIENT SAMPLE I.D	**SV1**	**SV2**	**SV3**	**SV4**	**SV4 DUP**	**Equipment Blank**
		EXTRACTION GAS	Helium	Helium	Helium	Helium	Helium	Helium
		EXTRACTION METHOD	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
		DILUTION FACTOR	1	1	1	1	1	1
ANALYTE	MDL	PQL						
Benzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Toluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Ethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Total Xylenes	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Methyl t-Butyl Ether (MTBE)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
t-Butanol (TBA)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Di-Isopropyl Ether (DIPE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Ethyl t-Butyl Ether (ETBE)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
t-Amyl Methyl Ether (TAME)	0.50	2.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Ethanol	25	50	ND<25	ND<25	ND<25	ND<25	ND<25	ND<25
Acetone	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
2-Butanone (MEK)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
n-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
sec-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
tert-Butylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Isopropyl Alchohol	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Isopropylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
p-isopropyltoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
4-Methyl-2-pentanone (MIBK)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5
Naphthalene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
n-Propylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Styrene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2,4-Trimethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,3,5-Trimethylbenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Bromobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Bromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Bromoform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Bromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Carbon Tetrachloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
2-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
4-Chlorotoluene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Chlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Chloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Chloroform	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Chloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Dibromochloromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2-Dibromo-3-Chloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2-Dibromoethane (EDB)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Dibromomethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor **REPORTING UNITS: µg/L**

DATE ANALYZED			3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
DATE EXTRACTED			3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
CLIENT SAMPLE I.D			**SV1**	**SV2**	**SV3**	**SV4**	**SV4 DUP**	**Equipment Blank**
EXTRACTION GAS			Helium	Helium	Helium	Helium	Helium	Helium
EXTRACTION METHOD			EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
DILUTION FACTOR			1	1	1	1	1	1
ANALYTE	MDL	PQL						
1,2-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,3-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,4-Dichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Dichlorodifluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,1-Dichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2-Dichloroethane (EDC)	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,1-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
cis-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
trans-1,2-Dichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,3-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
2,2-Dichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,1-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
cis-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
trans-1,3-Dichloropropene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Freon 113	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Hexachlorobutadiene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Methylene Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Tetrachloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,1,1,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,1,2,2-Tetrachloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2,3-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2,4-Trichlorobenzene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,1,1-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,1,2-Trichloroethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Trichloroethene	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Trichlorofluoromethane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
1,2,3-Trichloropropane	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
Vinyl Chloride	0.050	0.10	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050
IPA (tracer ANALYTE)	2.5	10	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: µg/L

		DATE ANALYZED	3-Mar-18
		DATE EXTRACTED	3-Mar-18
		CLIENT SAMPLE I.D	**Method Blank**
		EXTRACTION GAS	Helium
		EXTRACTION METHOD	EPA 5030
		DILUTION FACTOR	1
ANALYTE	MDL	PQL	
Benzene	0.050	0.10	ND<0.050
Toluene	0.050	0.10	ND<0.050
Ethylbenzene	0.050	0.10	ND<0.050
Total Xylenes	0.050	0.10	ND<0.050
Methyl t-Butyl Ether (MTBE)	0.050	0.10	ND<0.050
t-Butanol (TBA)	2.5	10	ND<2.5
Di-Isopropyl Ether (DIPE)	0.50	2.0	ND<0.50
Ethyl t-Butyl Ether (ETBE)	0.50	2.0	ND<0.50
t-Amyl Methyl Ether (TAME)	0.50	2.0	ND<0.50
Ethanol	25	50	ND<25
Acetone	2.5	10	ND<2.5
2-Butanone (MEK)	2.5	10	ND<2.5
n-Butylbenzene	0.050	0.10	ND<0.050
sec-Butylbenzene	0.050	0.10	ND<0.050
tert-Butylbenzene	0.050	0.10	ND<0.050
Isopropyl Alchohol	2.5	10	ND<2.5
Isopropylbenzene	0.050	0.10	ND<0.050
p-isopropyltoluene	0.050	0.10	ND<0.050
4-Methyl-2-pentanone (MIBK)	2.5	10	ND<2.5
Naphthalene	0.050	0.10	ND<0.050
n-Propylbenzene	0.050	0.10	ND<0.050
Styrene	0.050	0.10	ND<0.050
1,2,4-Trimethylbenzene	0.050	0.10	ND<0.050
1,3,5-Trimethylbenzene	0.050	0.10	ND<0.050
Bromobenzene	0.050	0.10	ND<0.050
Bromochloromethane	0.050	0.10	ND<0.050
Bromoform	0.050	0.10	ND<0.050
Bromomethane	0.050	0.10	ND<0.050
Carbon Tetrachloride	0.050	0.10	ND<0.050
2-Chlorotoluene	0.050	0.10	ND<0.050
4-Chlorotoluene	0.050	0.10	ND<0.050
Chlorobenzene	0.050	0.10	ND<0.050
Chloroethane	0.050	0.10	ND<0.050
Chloroform	0.050	0.10	ND<0.050
Chloromethane	0.050	0.10	ND<0.050
Dibromochloromethane	0.050	0.10	ND<0.050
1,2-Dibromo-3-Chloropropane	0.050	0.10	ND<0.050
1,2-Dibromoethane (EDB)	0.050	0.10	ND<0.050
Dibromomethane	0.050	0.10	ND<0.050

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS (Units: µg/L)

METHOD: EPA 8260B MATRIX: Vapor **REPORTING UNITS: µg/L**

		DATE ANALYZED	3-Mar-18
		DATE EXTRACTED	3-Mar-18
		CLIENT SAMPLE I.D	**Method Blank**
		EXTRACTION GAS	Helium
		EXTRACTION METHOD	EPA 5030
		DILUTION FACTOR	1
ANALYTE	MDL	PQL	
1,2-Dichlorobenzene	0.050	0.10	ND<0.050
1,3-Dichlorobenzene	0.050	0.10	ND<0.050
1,4-Dichlorobenzene	0.050	0.10	ND<0.050
Dichlorodifluoromethane	0.050	0.10	ND<0.050
1,1-Dichloroethane	0.050	0.10	ND<0.050
1,2-Dichloroethane (EDC)	0.050	0.10	ND<0.050
1,1-Dichloroethene	0.050	0.10	ND<0.050
cis-1,2-Dichloroethene	0.050	0.10	ND<0.050
trans-1,2-Dichloroethene	0.050	0.10	ND<0.050
1,2-Dichloropropane	0.050	0.10	ND<0.050
1,3-Dichloropropane	0.050	0.10	ND<0.050
2,2-Dichloropropane	0.050	0.10	ND<0.050
1,1-Dichloropropene	0.050	0.10	ND<0.050
cis-1,3-Dichloropropene	0.050	0.10	ND<0.050
trans-1,3-Dichloropropene	0.050	0.10	ND<0.050
Freon 113	0.050	0.10	ND<0.050
Hexachlorobutadiene	0.050	0.10	ND<0.050
Methylene Chloride	0.050	0.10	ND<0.050
Tetrachloroethene	0.050	0.10	ND<0.050
1,1,1,2-Tetrachloroethane	0.050	0.10	ND<0.050
1,1,2,2-Tetrachloroethane	0.050	0.10	ND<0.050
1,2,3-Trichlorobenzene	0.050	0.10	ND<0.050
1,2,4-Trichlorobenzene	0.050	0.10	ND<0.050
1,1,1-Trichloroethane	0.050	0.10	ND<0.050
1,1,2-Trichloroethane	0.050	0.10	ND<0.050
Trichloroethene	0.050	0.10	ND<0.050
Trichlorofluoromethane	0.050	0.10	ND<0.050
1,2,3-Trichloropropane	0.050	0.10	ND<0.050
Vinyl Chloride	0.050	0.10	ND<0.050
IPA (tracer ANALYTE)	2.5	10	ND<2.5

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

QA/QC Report - Vapor Samples

II. Lab Control Sample (LCS)/Lab Control Sample Duplicate (LCSD)

Date Performed: 3/3/18
Batch #: GCVOC1-03MAR2018 Analytical Method: 8260B
Instrument ID: GCVOC1 Units: ug/L

Analyte	Sample Result	Spike Conc.	LCS	%LCS	Spike Conc.	LCSD	%LCSD	RPD	LCS/LCSD Limit	RPD Limit
1,1-Dichloroethene	ND	10	8.8	88	10	9.6	96	8	65-130	0-15
Benzene	ND	10	9.3	93	10	9.0	90	4	65-130	0-15
Trichloroethene	ND	10	9.6	96	10	9.2	92	4	65-130	0-15
Toluene	ND	10	8.9	89	10	9.5	95	6	65-130	0-15
Chlorobenzene	ND	10	9.1	91	10	9.3	93	2	65-130	0-15

ATTACHMENT:

(1) Results in Units of Parts Per Million by Volume (PPMv)

(2) Chain-of-Custody (C-O-C)

(3) Field Notes

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

		DATE ANALYZED	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
		DATE EXTRACTED	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
		CLIENT SAMPLE I.D	**SV1**	**SV2**	**SV3**	**SV4**	**SV4 DUP**	**Equipment Blank**
		EXTRACTION GAS	Helium	Helium	Helium	Helium	Helium	Helium
		EXTRACTION METHOD	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
		DILUTION FACTOR	1	1	1	1	1	1
ANALYTE	MDL	PQL						
Benzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Toluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Ethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Total Xylenes	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Methyl t-Butyl Ether (MTBE)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
t-Butanol (TBA)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Di-Isopropyl Ether (DIPE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10
Ethyl t-Butyl Ether (ETBE)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10
t-Amyl Methyl Ether (TAME)	0.10	0.20	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10	ND<0.10
Ethanol	5.0	10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Acetone	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2-Butanone (MEK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
n-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
sec-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
tert-Butylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Isopropyl Alchohol	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Isopropylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
p-isopropyltoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
4-Methyl-2-pentanone (MIBK)	0.50	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Naphthalene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
n-Propylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Styrene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2,4-Trimethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,3,5-Trimethylbenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Bromobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Bromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Bromoform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Bromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Carbon Tetrachloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
2-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
4-Chlorotoluene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Chlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Chloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Chloroform	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Chloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Dibromochloromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2-Dibromo-3-Chloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2-Dibromoethane (EDB)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Dibromomethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

DATE ANALYZED			3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
DATE EXTRACTED			3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18	3-Mar-18
CLIENT SAMPLE I.D			**SV1**	**SV2**	**SV3**	**SV4**	**SV4 DUP**	**Equipment Blank**
EXTRACTION GAS			Helium	Helium	Helium	Helium	Helium	Helium
EXTRACTION METHOD			EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
DILUTION FACTOR			1	1	1	1	1	1
ANALYTE	MDL	PQL						
1,2-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,3-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,4-Dichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Dichlorodifluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,1-Dichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2-Dichloroethane (EDC)	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,1-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
cis-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
trans-1,2-Dichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,3-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
2,2-Dichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,1-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
cis-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
trans-1,3-Dichloropropene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Freon 113	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Hexachlorobutadiene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Methylene Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Tetrachloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,1,1,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,1,2,2-Tetrachloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2,3-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2,4-Trichlorobenzene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,1,1-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,1,2-Trichloroethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Trichloroethene	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Trichlorofluoromethane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
1,2,3-Trichloropropane	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
Vinyl Chloride	0.010	0.020	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010	ND<0.010
IPA (tracer ANALYTE)	0.5	1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Project Name: 600-628 S. San Pedro Street (MS Excel Duplicate of RWQCB LabForm10A; Ver12/96)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

		DATE ANALYZED	3-Mar-18
		DATE EXTRACTED	3-Mar-18
		CLIENT SAMPLE I.D	**Method Blank**
		EXTRACTION GAS	Helium
		EXTRACTION METHOD	EPA 5030
		DILUTION FACTOR	1
ANALYTE	MDL	PQL	
Benzene	0.010	0.020	ND<0.010
Toluene	0.010	0.020	ND<0.010
Ethylbenzene	0.010	0.020	ND<0.010
Total Xylenes	0.010	0.020	ND<0.010
Methyl t-Butyl Ether (MTBE)	0.010	0.020	ND<0.010
t-Butanol (TBA)	0.50	1.0	ND<0.50
Di-Isopropyl Ether (DIPE)	0.10	0.20	ND<0.10
Ethyl t-Butyl Ether (ETBE)	0.10	0.20	ND<0.10
t-Amyl Methyl Ether (TAME)	0.10	0.20	ND<0.10
Ethanol	5.0	10	ND<5.0
Acetone	0.50	1.0	ND<0.50
2-Butanone (MEK)	0.50	1.0	ND<0.50
n-Butylbenzene	0.010	0.020	ND<0.010
sec-Butylbenzene	0.010	0.020	ND<0.010
tert-Butylbenzene	0.010	0.020	ND<0.010
Isopropyl Alchohol	0.50	1.0	ND<0.50
Isopropylbenzene	0.010	0.020	ND<0.010
p-isopropyltoluene	0.010	0.020	ND<0.010
4-Methyl-2-pentanone (MIBK)	0.50	1.0	ND<0.50
Naphthalene	0.010	0.020	ND<0.010
n-Propylbenzene	0.010	0.020	ND<0.010
Styrene	0.010	0.020	ND<0.010
1,2,4-Trimethylbenzene	0.010	0.020	ND<0.010
1,3,5-Trimethylbenzene	0.010	0.020	ND<0.010
Bromobenzene	0.010	0.020	ND<0.010
Bromochloromethane	0.010	0.020	ND<0.010
Bromoform	0.010	0.020	ND<0.010
Bromomethane	0.010	0.020	ND<0.010
Carbon Tetrachloride	0.010	0.020	ND<0.010
2-Chlorotoluene	0.010	0.020	ND<0.010
4-Chlorotoluene	0.010	0.020	ND<0.010
Chlorobenzene	0.010	0.020	ND<0.010
Chloroethane	0.010	0.020	ND<0.010
Chloroform	0.010	0.020	ND<0.010
Chloromethane	0.010	0.020	ND<0.010
Dibromochloromethane	0.010	0.020	ND<0.010
1,2-Dibromo-3-Chloropropane	0.010	0.020	ND<0.010
1,2-Dibromoethane (EDB)	0.010	0.020	ND<0.010
Dibromomethane	0.010	0.020	ND<0.010

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

ANALYTICAL RESULTS FOR ORGANICS Units: (PPMv)

METHOD: EPA 8260B MATRIX: Vapor REPORTING UNITS: PPMv

		DATE ANALYZED	3-Mar-18
		DATE EXTRACTED	3-Mar-18
		CLIENT SAMPLE I.D	**Method Blank**
		EXTRACTION GAS	Helium
		EXTRACTION METHOD	EPA 5030
		DILUTION FACTOR	1
ANALYTE	MDL	PQL	
1,2-Dichlorobenzene	0.010	0.020	ND<0.010
1,3-Dichlorobenzene	0.010	0.020	ND<0.010
1,4-Dichlorobenzene	0.010	0.020	ND<0.010
Dichlorodifluoromethane	0.010	0.020	ND<0.010
1,1-Dichloroethane	0.010	0.020	ND<0.010
1,2-Dichloroethane (EDC)	0.010	0.020	ND<0.010
1,1-Dichloroethene	0.010	0.020	ND<0.010
cis-1,2-Dichloroethene	0.010	0.020	ND<0.010
trans-1,2-Dichloroethene	0.010	0.020	ND<0.010
1,2-Dichloropropane	0.010	0.020	ND<0.010
1,3-Dichloropropane	0.010	0.020	ND<0.010
2,2-Dichloropropane	0.010	0.020	ND<0.010
1,1-Dichloropropene	0.010	0.020	ND<0.010
cis-1,3-Dichloropropene	0.010	0.020	ND<0.010
trans-1,3-Dichloropropene	0.010	0.020	ND<0.010
Freon 113	0.010	0.020	ND<0.010
Hexachlorobutadiene	0.010	0.020	ND<0.010
Methylene Chloride	0.010	0.020	ND<0.010
Tetrachloroethene	0.010	0.020	ND<0.010
1,1,1,2-Tetrachloroethane	0.010	0.020	ND<0.010
1,1,2,2-Tetrachloroethane	0.010	0.020	ND<0.010
1,2,3-Trichlorobenzene	0.010	0.020	ND<0.010
1,2,4-Trichlorobenzene	0.010	0.020	ND<0.010
1,1,1-Trichloroethane	0.010	0.020	ND<0.010
1,1,2-Trichloroethane	0.010	0.020	ND<0.010
Trichloroethene	0.010	0.020	ND<0.010
Trichlorofluoromethane	0.010	0.020	ND<0.010
1,2,3-Trichloropropane	0.010	0.020	ND<0.010
Vinyl Chloride	0.010	0.020	ND<0.010
IPA (tracer ANALYTE)	0.5	1.0	ND<0.50

ND: Not detected at the indicated Method Detection Limit (MDL)

J: Value is below Practical Quantification Limit and above the Method Detection Limit (MDL)

Advantage Environmental Consultants, LLC	Project Name: 600-628 S. San Pedro St.
145 Vallecitos De Oro, Suite 201	Project Address: 600-628 S. San Pedro St. & 611-615 Crocker St
San Marcos, CA 92069	Los Angeles, California
Phone: 760.275.9229	Project Number: ---
Contact: Dan Weis	e-mail:

CHAIN-OF-CUSTODY RECORD

Laboratory Project #: **18152**

Sample ID	Date	Time	Lab ID	Soil (S), Water (W), Vapor (V)	Analysis: VOC's (8260B)	Number of Containers	Comments
Equipment Blank	3-Mar-18	1300	1	V	X	1	
SV1	3-Mar-18	1305	2	V	X	1	
SV2	3-Mar-18	1315	3	V	X	1	
SV3	3-Mar-18	1325	4	V	X	1	
SV4	3-Mar-18	1335	5	V	X	1	
SV4 DUP	3-Mar-18	1335	6	V	X	1	

Turnaround Time:

Sample Condition: Chilled? Y / N Sealed? Y / N Comments:

Sampled & Analyzed by: DATE/TIMES ABOVE

signature: x

of Baseline Analytical Services

Special Instructions/Comments:

Leak Detection Compound: IPA

BASELINE ON-SITE ANALYSIS™
P. O. Box 2243
Huntington Beach, California 92647
Phone: (714) 273-2955

Field Notes

Client Information	*Project Information*		*Baseline Analytical Information*	
Advantage Environmental Consultants, LLC	Project Name	600-628 S. San Pedro St	Analyst Name	Brian Kato
145 Vallecitos De Oro, Suite 201	Project Address	600-628 S. San Pedro St	Telephone Number	
San Marcos, CA 92069		Los Angeles, California		714.273.2955
	Start Time:	3/3/18, 13:00	E-mail Address:	BrianKato@MSN.com
Report to: Dan Weis				

(1) Site Conditions: At 1300 hrs, the temperature is 75 degrees F; no precipitation

(2) Vapor Well Construction:

A probe tip is set in a sand pack with Teflon tubing leading to the surface.
The tubing ends are sealed with gas-tight plugs. Probe depths are 20' bgs

Sand Pack Specifications:

			Converts to: (cm)
Diameter:	2	inches	5.08
Height:	1	feet	30.48
Material:	Sand		

Tubing Specifications:

			Converts to: (cm)
Outer Diameter	0.25	inches	0.635
Inner Diameter:	0.19	inches	0.483
Lengths:	21' (includes 1' above ground lead)		

(3) Purge Volume & Time Calculation

Component	Diameter	X-Sect Area	Length or Height	Length or Height	Volume	Sand Pack times 0.35 porosity Volume	Tubing Purge Volumes (ml) 1 pv	(ml) 3 pv	(ml) 10 pv
	(cm)	(cm^2)	(feet)	(cm)	(ml)	(ml)			
Tubing	0.483	0.183	21	640	117.3	---	117	352	1173
Sand Pack	5.08	20.27	1	30.5	618	216	216	649	2162
						Flow rate (ml/min):	200	200	200
						20' BGS: Purge Time (minutes):	1.67	**5.00**	16.68

Purge Time Calculation:

Total PV = Sand Pack Volume + Tubing Volume

Purge Time = (Total PV)/Flowrate

Purge Time (minutes)

Purge Volume: Based on the 7/15/15 DTSC Soil Gas Advisory, *remove 3 purge volumes prior to each sample collection (purge times shown above).*

(4) Pump Specifications

Pump Model: AIRCHEK SAMPLER
Vender: SKC, Inc.
Model Number: 224-PCXR4

Description: A portable battery-powered pump with an adjustable flow-rate and a built-in flow indicator, meter, & timer. The flow was set for a fixed rate of 200ml/min.

Comments/Observations/Special Instructions:	Sampled and Analyzed by
Prior to sampling, the probes were allowed at least two hours to equlibrate after setting.	signature: X

BASELINE ON-SITE ANALYSIS™
Baselie Analytical Services
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