Sunshine Canyon Landfill
Independent Monitor
Quarterly Site Monitoring Status Report
July 1, 2015 – September 30, 2015

Prepared For:

City of Los Angeles Department of City Planning

And

County of Los Angeles Department of Regional Planning

Prepared By:

UltraSystems
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Prepared On:

February 9, 2016

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environmental | management | planning

CERTIFICATION STATEMENT

February 9, 2016

The attached Quarterly Site Monitoring Status Report for the Sunshine Canyon Landfill dated February 9, 2016 is the Third Quarterly Report for 2015, issued by UltraSystems. This report covers the monitoring period from July 1, 2015 through September 30, 2015 and is prepared for the City of Los Angeles Department of City Planning and the County of Los Angeles Department of Regional Planning.

I, James T. Aidukas, Project Manager for the Mitigation Monitoring Services of the Sunshine Canyon Landfill, certify that the statements in the Quarterly Report and the referenced monthly reports reflect the site conditions observed and compliance status noted by me and other qualified experts during the stated site visits.

Signed,

James T. Aidukas

Project Manager

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Quarterly Status Report

This Quarterly Status Report is a compilation of the period's monthly Site Monitoring. After each site visit, the UltraSystems monitors who went to the Sunshine Canyon Landfill site each wrote a Mitigation Monitoring Site Report, updated the Mitigation Monitoring Summary Excel Tables for the City and County of Los Angeles noting any conditions and/or mitigation measures that need further review, and documented these areas in an appendix for that site visit date. Any issues that required immediate attention were reported to Republic staff and the appropriate staff at the City of Los Angeles Planning Department, the County of Los Angeles Department of Regional Planning, the County of Los Angeles Department of Public Works and the Sunshine Canyon Landfill Local Enforcement Agency (SCL–LEA).

The Sunshine Canyon Landfill City and County Summary Tables record each site visit and frequency of monitoring of specific conditions and/or mitigation measures, by date. When a condition and/or mitigation measure is monitored, a check mark is made under the date that it was monitored, and the status of being compliant with the conditions and/or mitigation measures' requirements observed during monitoring is recorded. Tasks with a yearly or non-ongoing monitoring frequency are denoted by a forward slash (/) in subsequent date columns. In the status column, the letter "C" is put next to the task if it is Compliant; the letters "NC" are noted if the task status is Non-Compliant; and the letters "FRN" are used if Further Review is Needed for meeting the requirements of the conditions and/or mitigation measures.

Under the Further Review Needed/ Comment column, observed conditions that have been noted as "FRN" in the status column refer to appendices which detail what was observed during the site monitoring. When the conditions and/or mitigation measures that were previously noted as "FRN" are made fully compliant, an "R" is placed in the Resolved column and a "C" replaces the "FRN" in the status column. Also noted in the FRN–Comment column are those action items that would improve monitoring efficiency by having reports and documents readily available. These are summarized in the Compliant with Comments section of the monthly monitoring records and the Summary of Requested Documents of the Quarterly Reports. The City and County Excel Spreadsheets record the site conditions observed during monitoring.

This Quarterly Report provides the City of Los Angeles Department of Planning and the County of Los Angeles Department of Regional Planning with a concise status of the Mitigation Measure Monitoring for the period of July 1, 2015 to September 30, 2015. It includes:

1. The City and County Mitigation Monitoring Summary Excel Tables for July 1, 2015 to September 30, 2015. These tables record the areas of monitoring completed and the status of being compliant during the third quarter of 2015;

2. A Status Summary of Non-Compliant, Further Review Needed and Compliant with the requirements of the conditions and/or mitigation measures;

3. Photo Location Map and Relevant Site Photos showing site conditions of key areas of the landfill during this quarter;

4. Site visit attendees by date of site visit and the mitigation monitoring report for each monitor;

5. Meeting logs documenting any meetings with Republic Services staff and/or public agencies and the topics discussed; and

6. Any site monitoring documenting site changes.

Site Visits During the Quarter

Four site visits were performed by UltraSystems during the July through September 2015 quarter in order to observe operational site activities and determine compliant status with conditions and/or mitigation measures. They were performed on July 22, 2015; August 11, 2015; August 26, 2015; and September 23, 2015. The previously discussed conditions and/or mitigation measures were tracked by each specialist who visited, and observations were documented. Site conditions were noted to be: Compliant, Non-Compliant, or Further Review Needed. If a Condition was found to be Non-Compliant or observed as having Further Review Needed, a reference was made to an appendix which details what was observed by the monitor.

Definition of Terms

Compliant is defined as complying with the City and County conditions and/or mitigation measures.

Non-compliant is defined as not complying with the City and County conditions and/or mitigation measures.

Further Review Needed is defined as implementing plans (agency-approved, if required) to fully comply with a condition and/or mitigation measure. Some plans, especially vegetation, require an extended time frame, and immediate compliance is not possible.

> Further Review Needed/ Comments is defined as comments documenting site conditions observed during monitoring visits that are not fully compliant but action is being taken in order to obtain full compliance with conditions and/or mitigation measures. Recommendations from the monitor, as appropriate, and status from Republic Services (Republic) may also be given. The Comments section of the monthly monitoring report also provides a summary of activities being done on-site to construct or maintain facilities and a summary of documents, reports and drawings that should be readily available onsite for monitoring reference.

Resolved is defined as action taken or activities completed to fully comply with conditions and/or mitigation measures.

Status Summary

This section summarizes the conditions and/or mitigation measures that were monitored during the quarterly reporting period and their respective statuses. The Sunshine Canyon Mitigation Monitoring Spreadsheets for the City and County show the conditions and/or mitigation measures monitored during the quarter. Also included in this report are relevant photos in Appendix II.

Compliant

The majority of the conditions and/or mitigation measures monitored were observed to be compliant. There are City and County conditions which are compliant, but are noted as having corresponding comments that refer to the appendices. The Compliant with Comments section of the monthly monitoring report provides a summary of activities being done on-site to construct or maintain facilities and a summary of documents, reports and drawings that should be readily available onsite for monitoring reference.

Non-Compliant

During UltraSystems' five site visits, no Non-Compliant conditions and/or mitigation measures were noted. Also, it must be understood that any monitoring related to landfill gas and odors are not part of the UltraSystems Monitoring Program at this time. These issues are currently being handled by a multi-agency team, which is led by the South Coast Air Quality Management District (SCAQMD).

Further Review Needed

The following conditions and/or mitigation measures were found not to be fully compliant, but were being worked on in order to obtain full compliance. This section summarizes the progress being made toward being fully compliant. When a condition and/or mitigation measure progresses from FRN to fully compliant, it is noted as Resolved in this section.

Q-B.2.c (City)

Ancillary Uses and Facilities. The subject property may only be used for the following uses and facilities. These ancillary uses and facilities described in the July 1997 Draft Subsequent EIR, pages 2-38 through 2-43, and may be located on the applicant's property generally in conformance with the diagram attached as Exhibit e-4, and during the life of the landfill, may be moved or relocated following commencement of landfilling operations as necessary to accommodate development of the ultimate landfill footprint.

Geology-1.07 (County)

All grading activities shall be in compliance with specific requirements provided in a comprehensive geotechnical report for the proposed Project, including provisions for excavation approved by the County Department of Public Works, the County Local Enforcement Agency (LEA) and other Responsible Agencies

Geology-1.11 (County)

Grading allows for ancillary facilities outside of the landfill footprint.

Biota-4.29 (County)

San Diego Horned Lizard: Impact on the San Diego horned lizard can be mitigated to a level of less than significant by restoring coastal sage scrub habitat. This will create a temporal loss of the species, but the population should recover following restoration of this habitat. Topsoils should be selected that are friable to suit lizard habitat requirements.

Biota-4.30 (County)

California Gnatcatcher: Surveys shall be conducted for California gnatcatchers prior to Game Permit onsite grading to determine the status of this Game species within development areas.

Biota-4.33 (County)
Migratory Bird Treaty Act: To prevent the loss of an active migratory bird nest, vegetation shall not be cleared during the breeding season (i.e. March 15 to August 1).

Biota-4.34 (County)
Raptor nests: If habitat removal is proposed during the raptor breeding season (i.e. March to July), a survey shall be conducted for active nesting areas.

Current Status/Comments – In July, the realigned access road was finished and asphalted. The downhill slopes had two areas that were washed away from the recent rain storm. The drainage conveyance piping was not installed on a 36" corrugated HDPE drain line and two 36" box concrete drains. The slope near the corrugated pipe was being repaired. The grading for Cell CC-3B was underway.

In early August, the exit of the realigned access road onto San Fernando Road had no centerline striping near the gate. Trucks were observed making wide turns into the incoming lanes. Trucks were also seen making tight turns and running over the right side curb. This exit needs to be analyzed and deficiencies corrected. The uphill drainage system above the realigned access road was completed and bare soil was covered with jute netting. The placement of base liner in Cell CC-3B was in progress.

In late August, Cell CC-3B base liner installation was nearing completion. Temporary sedimentation basins were being constructed between the cell and the terminal basin. The drainage pipes and concrete box culvert under the new road were scheduled to have down-comer pipes and other conveyance systems to be installed in days which would connect the drainage flow to the terminal basin.

In September, the clay base for the liner was being installed in Cell CC-3B. Slope liner was being placed on the old City north fill area. Liner gas and liquid collection systems were not able to be verified. The QA/QC report should have this included in it. Temporary drainage basins were being constructed downstream of Cell CC-3B. The terminal basin was having sediment removed and the rock around the outlet riser cleaned.

Q-B.2.d (City)
Phase III (10 Year Phase Review). Phase III of the Landfill may occur following review by the Director of Planning of the operational history with the assistance of the Technical Advisory Committee, Independent Consultants, and/or Local Enforcement Agency.

Current Status/Comments – The City Planning Department was preparing a recommendation report for the Phase III 10-year review to be presented to the City Planning Commission in October.

Q-C.10.c (City)
The operator shall submit, as part of its annual report, an evaluation of the feasibility of beneficial uses of the landfill gas collected at the site such as landfill-gas-to-energy.

Odor/Landfill Gas - 7.07 (County)

The permittee will recover and sell as much gas as is technically and economically feasible to reduce total air quality emissions from the landfill operations. It is expected that the technical and economic feasibility of commercial recovery and sale of landfill gas as a renewable energy resource will occur at levels below 40 MMCFD. The gas collection system will be installed in increments to allow for maximum gas recovery.

Gas - 52 (County)
To the extent technically and economically feasible, the Permittee shall use Landfill gas for energy generation at the Facility or other beneficial uses, rather than flaring, and shall obtain all applicable local, state, and/or federal approvals for any such use. Notwithstanding the forgoing, the Permittee shall be exempt from this Condition No. 52 if, as a 'part of its annual report required by Part X of the IMP, the Permittee determines that any such activity or project is infeasible, which determination shall be subject to the review and approval of the Director of Public Works.

The Permittee shall also install and maintain a landfill gas collection system complying with SCAQMD requirements, which uses best available control technology to control the lateral migration of gases to the satisfaction of the Director of Public Works, County LEA, and SCAQMD. In addition to the other requirements of this Condition No. 52, Landfill gas flares shall be installed below the adjacent interior ridges of the site, unless otherwise required by the SCAQMD, and the flames shall be totally contained within the stacks. Flame arrestors shall be provided to the satisfaction of the County Forester and Fire Warden.

Current Status/Comments – The gas-to-energy facility operated as designed during the entire 3rd Quarter with no unusual or unpredicted maintenance.

A summary of the volume of landfill gas now being generated, a forecast of future gas generation, and the volume of the landfill gas currently being recovered and used for beneficial use should be included in the June Annual Report.

T-4 (City)
Prepare a plot plan ["fire plan"] to the satisfaction of the Fire Department.
a. immediate access fire plan [now]
b. plot plan for the future facilities will be submitted when these are implemented

Fire Service - 12.03 (County)
The permittee shall maintain onsite fire response capabilities, construct access road, provide water tanks, water mains, fire hydrants and fire flows and perform brush clearance to the satisfaction of the County Forester and Fire Warden. The landfill will comply with all applicable County codes and ordinances which delineated the requirements for fire access, water mains, fire flows and fire hydrants, specifically defined by the County Fire Department. New construction water tanks, water mains and fire hydrants will be completed to meet the fire flow requirements of the Fire Department.

Current Status/Comments – A plot plan showing the relocated offices, scales and scale house, fire access roads and ingress and egress roads should be submitted to the City Fire Department for their use. This information should also be posted for employee and customer use.

M-4.1.1(2) (City)
Areas outside of and above the cut and fill as shown on the conceptual grading plan shall not be graded, except for the development of ancillary facilities or other related improvements. Additional grading may be necessary for slope stability or drainage purposes. Prior to undertaking any grading

activities, the Department of Building and Safety shall be notified and approve any additional grading based on engineering studies (in accordance with CCR Title 27) provided by the project proponent and independently evaluated by the Department of Building and Safety.

M-4.1.1(4) (City)
Grading that allows for construction of ancillary facilities outside of the landfill footprint or that has the potential to impact property beyond the boundary of the landfill shall be approved by the Department of Building and Safety.

M-4.1.1(5) (City)
All grading activities shall be in compliance with specific requirements provided in a comprehensive geotechnical report prepared specifically for the proposed project, including provisions for excavation approved by the Department of Building and Safety, City Engineer, City LEA and other Responsible Agencies.

M-4.1.5 (City)
Geologic Hazards - Liquefaction
Alluvium in the canyon bottoms beneath the footprint of the waste containment system and beneath ancillary structures shall be excavated and, if necessary, replaced with compacted structural fill during construction. A qualified geologist shall be onsite during construction activities to observe removal and replacement of alluvium and verify that all alluvium within the landfill footprint has been removed prior to placement of any compacted fill or construction of any containment system elements.

M-4.1.5 (City)
Construction of the realigned access roadway shall not exceed 15 percent in grade. An access road shall be constructed and maintained around the working area of the landfill for emergency access for firefighting equipment.

Geology-1.07 (County)
All grading activities shall be in compliance with specific requirements provided in a comprehensive geotechnical report prepared specifically for the proposed Project, including provisions for excavation approved by the County Department of Public Works, the County Local Enforcement Agency (LEA) and other Responsible Agencies.

Current Status/Comments – In July, the grading and compaction of fill for the realigned access road was monitored by Republic's geotechnical consultant and they issued a report certifying compliance with the geotechnical report and grading plans for the realignment.

In early August, the use of the realignment road was observed. Exiting trucks had a problem trying to avoid running over an existing curb on the right side of the roadway without encroaching into the oncoming lane. There was no center line striped on the pavement. A traffic engineer needs to assess the current roadway configuration to provide a design to correct these deficiencies.

M-4.1.1(6) (City)
Revegetation and erosion control procedures on all exposed slopes shall be implemented. The erosion controls to be implemented at the site shall include soil stabilization measures and revegetation in accordance with the approved revegetation plan as approved by the City Building and Safety Department. Interceptor ditches shall be designed to divert storm runoff to a sedimentation basin.

M-4.2.11(23) (City)

Disturbed areas shall be revegetated with an interim ground cover as specified in the proposed revegetation program. Excavation will proceed in a manner to reduce the amount of graded areas at any given time.

M-4.2.12 (28) (City)
Site Erosion
c. A temporary vegetation cover shall be established on all slopes that are to remain inactive for a period longer than 180 days.
d. An SCAQMD approved soil stabilization (sealant) product shall be used to retard soil erosion and enhance revegetation. Soil sealant shall be applied when necessary to selected working areas of the landfill. The sealant will also be used as a binder or tackifier to hold seen during revegetation mulch, and fertilizers in-place until grasses become establish and stabilize on the landfill surface.

Geology-1.13 (County)
Revegetation and erosion control of all exposed slopes will be an ongoing process. The erosion controls to be implemented at the site will include soil stabilization measures and revegetation in accordance with the approved Revegetation Program. The installation of interceptor ditches shall be designed for the diversion of storm runoff to sedimentation basins. Sediment traps will be used at points of runoff concentration along the perimeter of exposed slopes surfaces.
Condition: Approval of drainage plan. Retention of a consulting horticulturalist/Registered Professional Forester and an independent qualified biologist by the permittee for ongoing supervision of revegetation programs. Review and monitoring of planting programs by County Forester.

Geology-1.14 (County)
To prevent soil erosion on the face of the landfill, interim vegetation measures will be taken after placement of the temporary soil layer (even though the area may be disturbed by future filling operations). Vegetative cover will be placed as in the approved Revegetation Program.
Condition: Retention of a consulting horticulturalist/Registered Professional Forester and an independent qualified biologist by the permittee for ongoing supervision of revegetation programs. Review and monitoring of planting programs by County Forester.

Biota – 4.42 (County)
Areas inactive for 180 days or longer will be planted with interim vegetation as approved by County biologist. Records will be kept to track fill areas of the site which are transferred to an inactive status so that appropriate dust control and revegetation measures can be implemented.

Air Quality - 6.02 (County)
Dust Control will also be accomplished through the temporary revegetation of the landfill surface. A temporary revegetation of the landfill surface, and a temporary vegetation cover will be established on all slopes that are to remain inactive for a period longer than 180 days. Specifications of temporary revegetation measures will be provided in the Revegetation Plan submitted to the County biologist for approval, the Closure and Postclosure Maintenance Plans, the Condition Use Permit, and Conditions of Project Approval.

Visual-10.08 (County)
Cover/Revegetation Requirements
The permittee shall comply with the following cover and re-vegetation requirements at the Landfill:
(1). The permittee shall apply a temporary hydroseed vegetation cover on any slope or other Landfill area that is projected to be inactive for a period greater than 180 days, as set forth in the IMP. The

permittee shall promptly notify the County LEA and the Department of Public Works of any such slope or area;
Revegetation Requirements
(5) Notwithstanding the foregoing, the permittee shall not be bound by the previous provisions of this Condition No. 44, but instead by the requirements of the County LEA, so long as the Limits of Fill are not exceeded, if in consultation with the Department of Public Works, the County LEA determines that a different re-vegetation design or plan:
(1) would better protect public health and safety;
(2) would enable revegetation of the final slopes at least as well as shown in Exhibit "B" described in subsection D, above; and/or experts, including an independent, qualified bio(3) would be required because the minimum standards adopted by the CIWMB have been amended;
(6) the permittee shall employ an expert or biologist, to satisfy this Condition No. 44. Soil sampling and laboratory analysis shall be conducted in all areas that are required to be re-vegetated before any re-vegetation occurs to identify chemical or physical soil properties that may adversely affect plant growth or establishment. Soil amendments and fertilizer recommendations shall be applied and plant materials selected, based on the above referenced testing procedures and results. To the extent possible, plant types shall blend with species indigenous to the area, be drought tolerant, and be capable of rapid growth. The selected plants shall not include nonindigenous species that are likely to be invasive of adjacent natural areas.

Biota - Revegetation - 44.A (County)
A. The Permittee shall apply a temporary hydroseed vegetation cover on any slope or other Landfill area that is projected to be inactive for a period greater than 180 days, as set forth in the IMP. The Permittee shall promptly notify the SCL-LEA and the Department of Public Works of any such slope or area.

Revegetation - 44.F/44.F CUP (County)
F. The Permittee shall employ an expert or experts, including an independent, qualified biologist, to satisfy this Condition No. 44. Soil sampling and laboratory analysis shall be conducted in all areas that are required to be re-vegetated before any re-vegetation occurs to identify chemical or physical soil properties that may adversely affect plant growth or establishment. Soil amendments and fertilizer recommendations shall be applied and plant materials selected, based on the above-referenced testing procedures and results. To the extent possible, plant types shall blend with species indigenous to the area, be drought tolerant, and be capable of rapid growth. The selected plants shall not include non-indigenous species that are likely to be invasive of adjacent natural areas.

Current Status/Comments – During the third quarter monitoring, the germination of hydroseeding on interim and inactive slopes had minimal success due to the lack of irrigation with potable water. The use of alternatives to hydroseeding on interim and inactive slopes for slope stability and dust control was being used.

Plastic and jute were being used on the south facing slopes of Cell CC-3A. A performance test was being done by the landfill on these two slope stability options. Jute netting, with seed incorporated in it, was used on the cut slopes above the realigned access road near the entrance. No hydroseeding was done in the third quarter due to drought conditions.

M-4.2.13/29, 30, 32, 33, 34 (City)
The natural biological processes that generate odors in a landfill through anaerobic decomposition cannot be prevented or avoided. However, the LFGs shall be prevented from escaping to the atmosphere through the use of control measures. These measures include using daily and

intermediate cover material over deposited wastes, filling any surface cracks with clean dirt as necessary, and extracting LFG through the use of an LFG collection and recovery system and destroying collected gases by combustion.
Operational techniques shall be utilized to control odor sources at the landfill. The size of the working face shall be limited so that the area of waste exposed to the atmosphere is kept to a minimum.
The LFG collection and recovery system shall be installed in phases as each portion of the landfill site is filled. The final system shall contain a network of gas extraction wells, collection system piping, and flaring facilities. Because the LFG generation begins at lower levels of volume and increases during the landfill site life, the gas will be flared initially until sufficient quantities are available for processing into electricity.
If an odor problem should develop, appropriate control measures shall be implemented. These measures include the application of additional dirt daily cover material or more frequent application of the cover material to seal the landfill surface, or adjustments to the wells, equipment, and operation of the LFG collection and recovery system.
To ensure that odors are kept to a minimum, the following odor/LFG monitoring program shall be implemented for the proposed landfill project. The monitoring program shall comply with the requirements of SCAQMD Rule 1150.1 and include:
a. Sample Probe Installation: One monitoring probe per 1,000 feet or as identified by South Coast Air Quality Management District (SCAQMD) and/or Local Enforcement Agency (LEA) in the landfill expansion, and one probe per 650 feet or as identified by SCAQMD and/or LEA in the City Inactive landfill along the landfill perimeter, or whichever is more restrictive shall be installed to identify potential areas of subsurface landfill gas (LFG) migration. These probes shall be monitored to ensure that quantities of LFG beyond regulatory standards do not vent offsite through subsurface soils.
b. Integrated Landfill Surface Sampling: The landfill surface shall be monitored to ensure that the average concentration of total organic compounds over the landfill surface does not exceed SCAQMD's standard of 25 ppm.
c. Ambient Air Samples: 24-hour integrated gas samples and required meteorological data shall be taken to assess any impact the landfill is having on the ambient air quality at the landfill perimeter.
d. Instantaneous Landfill Surface Monitoring: Spot checks on the landfill surface shall be made to determine the maximum concentration of total organic compounds measured as methane, measured at any one point on the surface of the landfill does not exceed the SCAQMD's standard of 500 ppm.
e. Regular Monitoring and Annual Testing: LFG concentrations at perimeter probes, gas collection system headers, the landfill surface, and in ambient air downwind of the landfill shall be monitored once per month or less frequently (but no less than quarterly) as required by the SCAQMD. The LFG collection system shall be adjusted and improved based on quarterly monitoring data and annual stack testing results.

Odor/Landfill Gas - 7.06 (County)
If an odor problem should develop, appropriate control measures shall be implemented. These measures include the application of daily cover material or more frequent applicant of the cover material to seal the landfill surface, or adjustments to the wells, equipment, and operation of the LFG collection and recover system.

Amendment 45.N - 4.a, 4.c, 4.d (County)
Identify and provide status on the measures currently being implemented as required by the AQMD's Order for Abatement.
An odor patrol program, which would include the following at a minimum:
• Provide a trained technician to conduct odor patrols in the surrounding neighborhoods at a frequency of one patrol per hour from 6 a.m. to 10 a.m., Monday through Saturday, and during adverse wind conditions.

• If odor is detected, identify its potential and/or actual source, including those that may not be related to the Landfill's operation, such as an odorous trash dumpster or transfer trucks.
• If odor is determined to be related to the Landfill's operation, take immediate action to reduce the odor. Document the streets patrolled on a map, time of the patrol, potential source of odor, and immediate actions taken by the Landfill.
• A landfill gas mitigation plan in preparation for the next rainy season since landfill gas emissions from either the landfill surface or landfill gas control equipment is cited as a potential contributor in the AQMD's Order for Abatement. The plan should include the following at a minimum:
• Description of the site's current Gas Monitoring and Control Plan, including a map showing locations of gas monitoring probes, gas extraction wells, horizontal and vertical gas collection lines, etc.
• Compliance history of the site's landfill gas migration control program from January 1, 2009, to the present quarter as well as any corrective actions.
• Discuss the impacts of the most recent heavy rains on the landfill gas collection system, including identifying locations of damage due to soil erosion, as well as any corrective actions or mitigation measures.
• A work plan that includes preventive measures, such as identifying and filling any surface cracks and installing additional extraction wells, as well as contingency measures.
• An implementation schedule for the above work plan.

Amendment 45.N - 5 (County)
Include in the Quarterly Dust and Odor Reports, which are required by CUP Condition No. 45.N, the status and effectiveness of mitigation measures 1 through 3 above, and the Odor Mitigation Plan.

Current Status/Comments – Compliance with these mitigation measures, concerning landfill gas monitoring and odor control and detection, is being monitored by a multi-agency team led by the SCAQMD with their monitoring results noted in their reports. Only obvious gas emission sources, odorous operations related to gas and/or gas and landfill liquids, lack of cover, or exposed trash resulting in odor observed during UltraSystems' monitoring visits will be reported.

During the July site monitoring, the monitors drove the adjacent Granada Hills neighborhood and did not detect any landfill odors. Also, the monitors drove to 11780 Blucher Avenue and did detect greenwaste odors coming from the C&D Recycling facility. The greenwaste odor could be what is periodically smelled on the 405 freeway. The working face was observed to be a single, small compact area. Two Dust Boss misters were being used to control waste working face and tipping odors.

In early August, the monitors observed the working face, and the use of Dust Boss equipment to control odors from the working face. There was a Dust Boss being used along the access road to control a localized gas or liquids odor. The monitors drove to the oil field and no landfill odors were detected in the area.

In late August, the monitors drove to the working face. The area was compact and operating efficiently. Tippers were not yet in operation. Dust Boss equipment was in use. Along the haul road, localized odors were detected around gas well 741. The area was wet around the well. Republic staff were notified of this condition and they indicated that they were aware of it and implementing corrective action.

In September, operations was using the Dust Boss vapor emitters to control working face odors. The working face odors were detected on the main access road but was not detected in the adjacent

neighborhood. Greenwaste odors were detected on the 405 freeway north of the Rinaldi exit earlier when one monitor was on the way to the landfill. The monitors drove to Blucher Avenue just north of the Odyssey Restaurant. Strong greenwaste odors were detected coming from the C&D Recycling facility with less intense odors coming from the Van Norman Mulching facility.

M-4.3.1(37) (City)
As development of the site proceeds, surface drainage systems shall be maintained so that surface runoff is diverted away from working slopes and isolated from landfilled refuse. Onsite drainage channels would be designed per CC, Title 23, Division 3, Chapter 15, Article 3, §2533(C), and County of Los Angeles Public Works Department, Flood Control Division requirements.

M-4.3.1(38) (City)
Permanent bench drainage ditches shall be installed when final cover is placed on completed portions of the landfill. These ditches shall be lined. Temporary unlined drainage facilities consisting of diversion ditches (V-ditches) where necessary shall directly intercept natural surface runoff. Any intermittent channel flow in the existing canyon bottom shall be captured, channeled, and conveyed into a sedimentation basin. Diversion ditches shall convey surface runoff from the undisturbed areas to the permanent perimeter ditches for safe transport around the landfill footprint. Surface covers of various types, from mulches to vegetation, shall be used to retard erosion from areas of disturbance. In addition, areas of disturbance shall be kept at a minimum during active filling operations.

Surface Water - 2.12 (County)
Permanent bench drainage ditches shall be installed when final cover is placed on completed portions of the landfill. These ditches shall be lined. Temporary unlined drainage facilities consisting of diversion ditches (V-ditches) where necessary shall directly intercept natural surface runoff. Any intermittent channel flow in the existing canyon bottom shall be captured, channeled, and conveyed into a sedimentation basin. Diversion ditches shall convey surface runoff from the undisturbed areas to the permanent perimeter ditches for safe transport around the landfill footprint. Surface covers of various types, from mulches to vegetation, shall be used to retard erosion from areas of disturbance. In addition, areas of disturbance shall be kept at a minimum during active filling operations.

Current Status/Comments – It is assumed by UltraSystems that the permanent drainage V-ditches and channels are designed in accordance with the referenced regulations. The design drawings and reports should be available for review.

In July, significant erosion to the realigned access road slopes from the early rainstorm were observed at the 36" drainage pipe outlet and twin 36" box culvert outlet, located under the realigned access road. Repairs were ongoing. The monitors anticipate that a pipe will be connected to the corrugated drainage pipe and that a conveyance structure will be installed to connect the box culvert to allow both to flow runoff directly to the terminal basin.

In September, the monitors observed a 36" HDPE corrugated down-comer draining to the terminal basin was installed to the access road 36" drainpipe. The twin concrete access road box drains did not have a permanent down-comer. A piece of HDPE liner was being used to convey the water to the terminal basin. Also, the drainage channel out of Basin A was partially filled with soil. According to Republic, the role of the basin had changed as the drainage plan was modified. Basin D was regraded to drain entirely to the east perimeter channel and Basin A was no longer to serve as a pass-through basin, but just as a retention basin. A hydrologic design analysis of this change should be performed to verify compliance with the 2007 Drainage Design Report.

M-4.3.1(39) (City)
As filling operations progress upward in elevation and laterally across the canyon, both permanent and temporary drainage facilities shall be used to provide appropriate drainage protection. The lower elevation portions of the landfill working face shall be placed under final cover as soon as final grade is attained, and bench ditches shall be installed that will connect to adjacent, permanent perimeter ditches. These ditches shall connect directly to the temporary diversion drainage ditches that will protect the active landfill areas from natural surface runoff.

M-4.18 / 178 (City)
The maximum permitted elevations for the landfill shall not be allowed to be exceeded at any time during landfill development and shall be verified through survey control points.

Current Status/Comments – A map showing areas that are at the final elevations and which should have final cover should be available for review. Documents showing current filled elevations should also be available onsite for review. These conditions were not monitored.

M-4.3.1(40) (City)
In order to monitor the effectiveness of those measures designed to prevent pollution from entering the offsite stormwater system, the project proponent shall be required to apply for coverage under the SWRCB General Construction Activities Stormwater Permit Programs.

M-4.3.1(45) (City)
An erosion control plan would be implemented by the project proponent to prevent stormwater pollution from construction activity. Construction materials, equipment and vehicles would be stored or parked in areas protected from stormwater runoff. Construction material loading and unloading would be in designated areas to minimize any washout due to stormwater runoff. Pre-construction controls would be implemented to include the use of a sandbagging system, including sandbag check dams and sandbag desilting basins, which would be used to limit runoff velocities and minimize sediment in storm water runoff.

Surface Water 2.14 (County)
An erosion control plan would be implemented by the project proponent to prevent stormwater pollution from construction activity. Construction materials, equipment and vehicles would be stored or parked in areas protected from stormwater runoff. Construction material loading and unloading would be in designated areas to minimize any washout due to stormwater runoff. Pre-construction controls would be implemented to include the use of a sandbagging system, including sandbag check dams and sandbag desilting basins, which would be used to limit runoff velocities and minimize sediment in storm water runoff.

Current Status/Comments – The erosion control plan should be available onsite for review. This plan should be a living document that keeps up with construction activities.

M-4.3.1(46) (City)
A preventive maintenance program would be implemented by the project proponent, including inspection of facility equipment, systems, and stormwater management devices to detect conditions that may cause breakdowns or failures resulting in discharge of materials into stormwater. This program applies to the onsite drainage ditches; rip-rap; berms and dikes; dust control; silt fences; diversion grading; and pavement surfaces. Each system and piece of stationary equipment would be inspected monthly. Procedures for inspection would vary, due to the piece of equipment or system.

However, the major elements of the inspection program would include checking for cracks or structural failures, inspecting parts or pieces of equipment nonfunctioning, checking for the degradation or deterioration of operating units, and investigating the need for cleaning or emptying units. A summary report of these monitoring results and the corrective actions taken will be disseminated in each newsletter with a more detailed report on the web site and in the annual report.

Surface Water 2.15 (County)

Surface Water Preventive Maintenance Program

A preventive maintenance program will be implemented by the permittee, including inspection of facility equipment, systems, and stormwater management devices to detect conditions that may cause breakdowns or failures resulting in discharge of materials into stormwater. This program applies to the onsite drainage ditches, rip-rap, berms and dikes, dust control, silt fences, diversion grading, and pavement surfaces. Each system and piece of equipment will be inspected monthly.

Procedures for inspection would vary based on the piece of equipment or system. However, the major elements of the inspection program will include checking for cracks or structural failures, inspecting parts or pieces of equipment nonfunctioning, checking for the degradation or deterioration of operating units, and investigating the need for cleaning or emptying units.

Current Status/Comments – In July, it was observed that the block wall hillside retaining wall along the San Fernando Road south frontage has a significant amount of soil and debris accumulating on top of the wall. The top drainage was blocked and the fence was nearly being topped with debris in several areas. This retaining wall was not designed for this type of loading. The two-foot-wide walkway in front of the wall was also piled with soil. The westside drainage channel still had the floor slabs uplifting and water infiltration behind the sidewalls. Repairs are not scheduled until 2016. Minor temporary repairs may be needed to withstand a wet winter.

In early August, it was observed that Basin A was clean and had no standing water. The rock around the outlet risers was still plugged with soil. Also, the westside drainage channel was clean but still was in need of repair. Temporary repairs to stop water infiltration behind the sidewall should be evaluated before next year's rains. In addition, the County and City top decks did not have positive drainage. The areas should be graded to avoid ponding when the rains start. Additionally, Basin B was cleaned and had a small pile of soil that had yet to be removed.

In late August, the monitors observed that the terminal basin was cleared of sediment. The rock around the outlet risers was not yet in place. In addition, Basin A was cleared of sediment. The sediment in the drainage riser's rock had not been cleaned.

In September, it was observed that Basin A had standing water that did not drain. The rock around the outlet risers had dirt plugging the flow to the risers. The Basin A outlet channel was partially blocked with soil and sand bags protecting gas and liquid HDPE pipelines. In addition, the block retaining wall south of the landfill had more soil and debris accumulating on top of it, and blocking the drainage channel on top. The wall was not designed for this extra load and its stability may be impacted after rain events that would further load the wall.

M-4.4.1(60) (City)

Venturan Coastal Sage Scrub

A detailed conceptual mitigation plan shall be prepared by the project proponent and contain specific information on planting, maintenance, and monitoring. A revegetation plan that includes Coastal

sage scrub restoration can feasibly occur onsite. The implementation of this plan will provide onsite mitigation greater than 1:1 to offset the loss of coastal sage scrub.

Biota - 4.27 (County)
Venturan Coastal Sage Scrub: A detailed conceptual mitigation plan shall be prepared by the permittee and shall contain specific information on planting, maintenance, and monitoring. A revegetation plan that includes coastal sage scrub restoration can feasibly occur onsite. The implementation of this plan will provide onsite mitigation greater than 1:1 to offset the loss of coastal sage scrub.

Current Status/Comments – During the July site monitoring, the City Deck C sage mitigation area was observed to be doing well with summer dry conditions.

In early August, the monitors observed that the City Deck C sage mitigation was doing well. Birds were seen in the habitat area.

In late August, the City Deck C sage mitigation was doing well with only the sage and buckwheat showing the effects of a summer dry condition. Birds were observed foraging in the area.

In September, the City Deck C sage mitigation was observed to be doing well. Also, the PM-10 berm oak trees were doing well in all areas except for the ridgeline saddle where the high, hot winds had stunted their growth. The understory vegetation could be planted amongst the oak trees in all areas except for the saddle.

M-4.4.2/69 (City)
Potential candidate mitigation sites have been identified by the project proponent in conjunction with resource agencies for consideration to compensate for impacts on riparian and wetland resources as a result of project development. These sites include Bull Creek, Bee Canyon and East Canyon, which are located proximate to the project site. Prior to the development of any detailed mitigation plans and drawings, the final selection will be determined cooperatively by the CDFW, Corps, SWRCB, and other regulatory agencies in conjunction with the City and project proponent.

Current Status/Comments –Republic staff had stated that the Corps of Engineers provided final comments to the Republic/City agreement to use Chatsworth Reservoir as a wetlands mitigation site. Republic transmitted these comments to the City Attorney the same day. The City Attorney has not yet finalized the agreement. There has been no progress on the Chatsworth Mitigation Agreements since then.

M-4.9.1(94) (City)
The spill response program shall be part of required training for all facility employees. In the event of a spill, containment is paramount. All landfill employees shall be trained to use dirt and/or other absorbent materials to pick up and/or contain small spills of oils, solvents, and/or other material that may be harmful to the public, facility workers, or the environment. Training in the use of personal protective equipment, fire extinguishing aids (e.g. hoses or extinguishers), and spill containment/mitigation (e.g. absorbents) shall be provided.

Current Status/Comments – During the July site monitoring, it was observed that the Old North City Landfill deck was being used for soil stockpiling, liner material storage, and parking of heavy equipment. There were eight pieces of equipment that were being parked with no oil drip pans.

M-4.9.4(121) (City)
The landfill operator shall implement a fire prevention plan in compliance with CCR, Title 8, § 3221. Components of this written fire prevention plan shall include potential fire hazards and their proper handling and storage procedures; potential ignition sources (i.e., welding or smoking), their control procedures, and the type of fire protection equipment or systems that can control a fire involving them; names or regular job titles of those responsible for maintenance of equipment and systems installed to prevent or control ignitions or fires; and names or regular job titles of those responsible for the control of accumulation of flammable or combustible waste materials.

Fire Service - 12.03 (County)
The permittee shall maintain onsite fire response capabilities, construct access road, provide water tanks, water mains, fire hydrants and fire flows and perform brush clearance to the satisfaction of the County Forester and Fire Warden. The landfill will comply with all applicable County codes and ordinances which delineated the requirements for fire access, water mains, fire flows and fire hydrants, specifically defined by the County Fire Department. New construction water tanks, water mains and fire hydrants will be completed to meet the fire flow requirements of the Fire Department.

Current Status/Comments – In July, it was observed that a secondary access road from City Deck C to the oil field and Sesnon Boulevard had not been graded nor surfaced with rock. Passenger vehicles may not be able to use this road in its current condition, with deep ruts in a dirt road. Also, many facilities on site were being relocated. At the completion of this construction, a fire plot plan showing the new locations of offices, maintenance facilities, and roadways should be prepared and provided to the City Fire Department and City and County Planning. Emergency egress should be posted for site employees and customers.

M-4.9.4(125) (City)
The landfill operator shall maintain perimeter fencing in and around the site in accordance with CCR, Title 14, § 17658 to discourage illegal entry to the landfill. Where existing topography conditions create an effective barrier, no perimeter fencing shall be installed. Entrance and access gates shall remain locked when the landfill facility is not in operation. All existing perimeter fencing shall be inspected on a routine basis by the landfill operator, and necessary repairs shall be made to ensure a continued deterrent for unauthorized entry to the project site. Additionally, the landfill operator shall maintain posted "no trespassing" signage at the exterior perimeter fencing nearest the project site entrance.

Current Status/Comments – During the entire 3rd Quarter monitoring period, the south perimeter oil field gate was observed to be locked.

M-4.19.2(191) (City)
Prior to the commencement of initial earth excavation, specific sections of the City/County Landfill Project area shall be resurveyed as a precautionary measure to minimize potential loss of undiscovered paleontological resources. Specific sections of the project area to be resurveyed shall be as determined by the intended cut-and-fill areas proposed for landfill development. As new areas for excavation are identified by the project proponent, an evaluation of those areas shall be made based on the prior survey results and consultation with appropriate technical specialists.

Ecological Significance 62 (County)

The Permittee shall develop and implement a program to identify and conserve all significant archaeological and paleontological materials found onsite pursuant to Part VII of the IMP. If the Permittee finds any evidence of aboriginal habitation or fossils during earthmoving activities, Landfill operations shall immediately cease in that immediate area, and the evidence and area shall be preserved until a qualified archaeologist or paleontologist, as appropriate, makes a determination as to the significance of the evidence. If the determination indicates that the archaeological or paleontological resources are significant, the resources shall be recovered to the extent practicable prior to resuming Landfill operations in that immediate area of the Landfill.

Current Status/Comments – During the entire 3rd Quarter monitoring period, a paleontological consultant was on site monitoring the excavation west and south of the old offices near the City and County jurisdictional boundary. No recoverable resources were encountered; only minor non-recoverable fragments.

A paleontological consultant also monitored the access road realignment grading.

Paleontological reports are on file and are available in Republic's offices.

Summary of Requested Documents

The following documents, reports and plans are recommended to be made available at the site for agency and monitor review in order to assist in streamlining the monitoring.

a) Current Fill Sequence Plan.

b) A plan showing areas inactive for 180 days or longer with records tracking fill areas and interim reclamation and revegetation, including the timing of proposed work, as well as a plan showing current and projected areas to be within ten feet of the limits of fill.

c) Maps showing areas that are at final elevation and bench ditches that will connect to drainage ditches to protect against natural surface runoff.

d) The current erosion control plans should be available for agency and monitor review.

e) Site drainage plans, including surface and underdrains systems with complementing revegetation plan.

f) A plan/ report of the liner interceptor ditches design/ installation to ensure that surface runoff is appropriately conveyed to the existing flood control channel directly east of the project site entrance.

g) Comprehensive geotechnical reports.

h) A preventative maintenance plan and summary of monitoring reports of inspections of facility equipment, systems and stormwater management devices to detect conditions that may cause breakdowns or failures resulting in discharge of materials into stormwater.

Conclusions

In this reporting period, UltraSystems has monitored the conditions and/or mitigation measures for the City/ County, as shown on the Mitigation Monitoring Summary Excel spreadsheets.

As shown by the Non-Compliant and Further Review Needed sections above, the landfill is actively working toward being fully compliant with conditions and/or mitigation measures, with no non-compliant conditions observed. Furthermore, monitoring of the tasks on these Excel spreadsheets tracks progress toward being fully compliant. Notwithstanding the above, air quality issues are not being actively monitored by UltraSystems, and may not be compliant.

The 2015 Third Quarter Mitigation Monitoring Summary Excel spreadsheets track the progress and completion of tasks as they were accomplished during this quarterly period.

Sunshine Canyon Landfill City Mitigation Monitoring Summary
(07-01-2015 through 09-30-2015)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter																Second Quarter																				Third Quarter																			
					1/7/2015	Status*	Further Review Needed/Comments**	Resolved*	2/13/2015	Status*	Further Review Needed/Comments**	Resolved*	2/26/2015	Status*	Further Review Needed/Comments**	Resolved*	3/24/2015	Status*	Further Review Needed/Comments**	Resolved*	4/9/2015	Status*	Further Review Needed/Comments**	Resolved*	4/23/2015	Status*	Further Review Needed/Comments**	Resolved*	5/27/2015	Status*	Further Review Needed/Comments**	Resolved*	6/9/2015	Status*	Further Review Needed/Comments**	Resolved*	6/24/2015	Status*	Further Review Needed/Comments**	Resolved*	7/22/2015	Status*	Further Review Needed/Comments**	Resolved*	8/11/2015	Status*	Further Review Needed/Comments**	Resolved*	8/26/2015	Status*	Further Review Needed/Comments**	Resolved*	9/23/2015	Status*	Further Review Needed/Comments**	Resolved*
1	Project Manager																																																									
2																																																									
3																																																									
4	Q - A.3.		Definitions	info	/				/				/				/				/				/				/				/				/				/				/				/				/			
5	Q - A.6.		Submit Annual Reports	June yearly	/				/				/				/				/				/				/				/				/				/				/				/			
6	Q - A.10.		Provision of Fees	yearly	/				/				/				/				/				/				/				/				/				/				/				/			
7	Q - B.1.		Permitted/Prohibited Landfill Uses	yearly	/				/				/				/				/				/				/				/				/				/				/				/			
8	Q - B.2		Approval of Landfill	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
9	Q - B.2.c.		Ancillary Uses and Facilities	ongoing	✓	C	I-a		✓	C	NONE		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	NONE		✓	C	I-g		✓	C	I-h		✓	C	I-i		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
10			Ancillary Uses and Facilities																																																							
11	Q - B.2.d (3)		10 Year Phase Review	2015																	✓	C	I-e		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	I-m	
12			10 Year Phase Review																																																						
13	Q - B.4.d.		Inert/Exempt Materials	info	/				/				/				/				/				/				/				/				/				/				/				/			
14	Q - B.5.a.		Prohibited Waste	info	/				/				/				/				/				/				/				/				/				/				/				/			
15	Q - B.6.		Waste Diversion	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
16	Q - C.3.g.		Paved Access Roads	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
17	Q - C.3.h.		Surfacing of Access Roads	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
18	Q - C.5.		Graffiti Removal and Deterrence	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
19	Q - C.10.c.		Evaluation of Beneficial Gas Usage	June yearly	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	FRN	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	C	NONE		✓	C	NONE		✓	C	NONE	
20	Q - C.10.d. (1)		Alternative Fuel Vehicles	status																																																				
21	Q - C.10.d. (2)		Alternative Fuel Refuse Collection Trucks	status																																																			
22	Q - C.12.a.		Technical Advisory Committee	info	/				/				/				/				/				/				/				/				/				/				/				/			
23	Q - C.12.c.		Contract for Mitigation Monitoring	info	/				/				/				/				/				/				/				/				/				/				/				/			
24	Q - C.12.c.		Contract for Mitigation Monitoring-5 years	info	/				/				/				/				/				/				/				/				/				/				/				/			
25																																																									
26	T - 4		Fire Plan	status									✓	FRN	I-c																		✓	FRN	I-h						✓	FRN	I-j													
27	T - 5.j.		Trip Diversion	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
28	T - 6		Satisfactory Street Lighting	status	/				/				/				/				/				/				/				/				/				/				/				/			
29																																																									
30	M - 4.1.1	7	Reabandonment Procedures	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-j		✓	C	NONE		✓	C	NONE		✓	C	NONE	
31	M - 4.1.4	11	Post-5.0 Earthquake Analysis	upon event	✓	FRN	I-a			NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE			NA	NONE		✓	FRN	I-g		/	NA	NONE			NA	NONE		/	NA	NONE		/	NA	NONE		✓	FRN	I-l			NA	NONE	
32	M - 4.2.12	27	Heavy Equipment Operations	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
33	M - 4.2.12		Heavy Equipment Operations	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
34	M - 4.2.12	28	Site Erosion-Cover	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
35	M - 4.2.12		Site Erosion-Cell Height	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
36	M - 4.2.12		Site Erosion-Sealant	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	C	NONE		✓	FRN	I-d		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-i		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
37	M - 4.2.13	29	LFG Control Measures	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i		/		I-j		/		I-k		/		I-l				I-m	
38	M - 4.2.13	30	Operational Odor Control Techniques	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i		/		I-j		/		I-k		/		I-l				I-m	
39	M - 4.2.13	31	Solid Waste Compaction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
40	M - 4.2.13	32	LFG Collection and Recovery System	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i		/		I-j		/		I-k		/		I-l				I-m	
41	M - 4.2.13	33	Odor Control Measures	ongoing	✓	FRN	I-a						✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	

*** C = Compliant, NC = Non-Compliant, FRN = Further Review Needed, R = Resolved**
**** See Appendix 1 for Comments**
Checkmark = Condition or mitigation was monitored
/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary
(07-01-2015 through 09-30-2015)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter																Second Quarter																		Third Quarter																	
					1/7/2015	Status*	Further Review Needed/Comments**	Resolved*	2/13/2015	Status*	Further Review Needed/Comments**	Resolved*	2/26/2015	Status*	Further Review Needed/Comments**	Resolved*	3/24/2015	Status*	Further Review Needed/Comments**	Resolved*	4/9/2015	Status*	Further Review Needed/Comments**	Resolved*	4/23/2015	Status*	Further Review Needed/Comments**	Resolved*	5/27/2015	Status*	Further Review Needed/Comments**	Resolved*	6/9/2015	Status*	Further Review Needed/Comments**	Resolved*	6/24/2015	Status*	Further Review Needed/Comments**	Resolved*	7/22/2015	Status*	Further Review Needed/Comments**	Resolved*	8/11/2015	Status*	Further Review Needed/Comments**	Resolved*	8/26/2015	Status*	Further Review Needed/Comments**	Resolved*	9/23/2015	Status*	Further Review Needed/Comments**	Resolved*
42	M - 4.2.13	34	Odor/LFG Monitoring	ongoing			I-a				I-b				I-c				I-d				I-e				I-f				I-g				I-h				I-i				I-j				I-k				I-l				I-m	
43			Periodic LFG Monitoring				I-a				I-b				I-c				I-d				I-e				I-f				I-g				I-h				I-i				I-j				I-k				I-l				I-m	
44	M - 4.3.2	52	LFG Migration Mitigation	ongoing		NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE			NA	NONE	
45	M - 4.3.2	57	Dust Control Water	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
46	M - 4.4.2	69	Offsite Mitigation Sites	status													✓	FRN	I-d						✓	FRN	I-f																										✓	FRN	I-m	
47	M - 4.4.2	70	Purchasing Wetland Credit	status	/				/				/				/				/				/				/				/				/				/				/				/				/			
48	M - 4.4.2	71	Funding-Invasive Species Eradication Program	status	/				/				/				/				/				/				/				/				/				/				/				/				/			
49	M - 4.6	85	Site Lighting	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
50	M - 4.7.1	86	Open Space Buffer Area	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
51	M - 4.9.3	106	Litter Minimization	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
52	M - 4.9.3	107	Litter/Debris Containment	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
53	M - 4.9.3	108	Vehicle Tarping Requirements	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
54	M - 4.9.3	109	Periodic Offsite Litter Pickup	ongoing													✓	C	NONE																																						
55	M - 4.9.3	110	Illegal Dumping Activities	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
56	M - 4.9.3	111	Radio Dispatch Litter Control	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
57	M - 4.9.3	112	Litter Control	ongoing	✓	FRN	I-a		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-g		✓	C	NONE		✓	FRN	I-i		✓	C	NONE		✓	C	NONE		✓	FRN	I-g		✓	C	NONE	
58	M - 4.9.5	127	Address Concerns of Citizens' Advisory Committee	ongoing	/				/				/				/				/				/				/				/				/				/				/				/				/			
59	M - 4.9.6	128	Landfill Gas/Collection System-Unsafe Methane Levels Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
60	M - 4.9.6	129	Landfill Gas/Collection System-Detection/Training	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
61	M - 4.9.6	130	Landfill Gas/Collection System-Risk Mitigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
62	M - 4.16.4	176	Reclaimed Water	status	/				/				/				/				/				/				/				/				/				/				/				/				/			
63	M - 4.16.4	177	Water Conservation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
64																																																							
82	Civil & Geotechnical Engineer																																																						
83																																																							
84																																																							
85	M - 4.1.1	2	Grading Outside of Conceptual Grading Plan Area	ongoing					✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d										✓	FRN	I-g		✓	FRN	I-h						✓	C	I-j		✓	FRN	I-k									
86	M - 4.1.1	3	Unsuitable Material Removal/Buffer Zones	ongoing																							✓	C	NONE						✓	C	NONE																	
87	M - 4.1.1	4	Grading Outside of Landfill Footprint	ongoing					✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d										✓	FRN	I-g		✓	FRN	I-h						✓	C	I-j		✓	FRN	I-k									
88	M - 4.1.1	5	Grading Activity Compliance	ongoing					✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d										✓	FRN	I-g		✓	FRN	I-h						✓	C	I-j		✓	FRN	I-k									
89	M - 4.1.2	8	Landslide Guidelines	ongoing																																																			
90	M - 4.1.2	9	Soil Stabilization	ongoing																																																		
91	M - 4.1.4	10	Landfill Design	ongoing																																																	
92	M - 4.1.4	11	Earthquake Operations Checklist	upon event	✓	FRN	I-a		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
93	M - 4.1.5	12	Geologic Hazards - Liquefaction	ongoing													✓	FRN	I-d										✓	FRN	I-g		✓	FRN	I-h						✓	C	I-j		✓	FRN	I-k									
94	M - 4.1.5	13	Design/Construction-Liquefaction	ongoing																																																		
95	M - 4.1.5	14	Design/Construction-Containment Structures	ongoing																																																	
96	M - 4.1.6	15	Refuse Slope Gradients	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
97	M - 4.1.6	16	Cut and Fill Slope Gradients	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
98	M - 4.1.6	17	Final Slope Factors of Safety	ongoing																																																	
99	M - 4.1.6	18	Survey Monuments	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
100	M - 4.3.2	47	Landfill Liner	ongoing																																																	

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(07-01-2015 through 09-30-2015)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter														Second Quarter																		Third Quarter																		
					1/7/2015	Status*	Further Review Needed/Comments**	Resolved*	2/13/2015	Status*	Further Review Needed/Comments**	Resolved*	2/26/2015	Status*	Further Review Needed/Comments**	Resolved*	3/24/2015	Status*	Further Review Needed/Comments**	Resolved*	4/9/2015	Status*	Further Review Needed/Comments**	Resolved*	4/23/2015	Status*	Further Review Needed/Comments**	Resolved*	5/27/2015	Status*	Further Review Needed/Comments**	Resolved*	6/9/2015	Status*	Further Review Needed/Comments**	Resolved*	6/24/2015	Status*	Further Review Needed/Comments**	Resolved*	7/22/2015	Status*	Further Review Needed/Comments**	Resolved*	8/11/2015	Status*	Further Review Needed/Comments**	Resolved*	8/26/2015	Status*	Further Review Needed/Comments**	Resolved*	9/23/2015	Status*	Further Review Needed/Comments**	Resolved*
101	M - 4.3.2	48	Landfill Liner	ongoing																																																			
102	M - 4.3.2	54	Preliminary Closure/Postclosure Plan	status																																																		
103	M - 4.3.2	55	Landfill Design/Operation/Final Closure Monitoring	status																																																	
104	M - 4.3.2	56	Cover Application	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
105	M - 4.14.1	155	Access Roadway Grade	ongoing													✓	FRN	I-d										✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k								
106	M - 4.18	178	Landfill Elevation Exceedance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-d		✓	C	NONE		✓	C	NONE		✓	FRN	I-g		✓	C	NONE		✓	C	NONE		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
107																																																						
108	Hydrologist																																																				
109																																																						
110																																																						
111	M - 4.1.4	11	Earthquake Operations Checklist	upon event	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
112	M - 4.3.1	36	Surface Water Infiltration Minimization	ongoing	✓	FRN	I-a																																																	
113	M - 4.3.1	37	Surface Drainage Systems	ongoing					✓	FRN	I-b						✓	FRN	I-d										✓	FRN	I-g										✓	C	I-j										✓	C	I-m	
114	M - 4.3.1	38	Permanent/Temporary Ditches	ongoing					✓	FRN	I-b						✓	FRN	I-d										✓	FRN	I-g										✓	C	I-j										✓	C	I-m	
115	M - 4.3.1	39	Drainage Protection	ongoing					✓	FRN	I-b						✓	FRN	I-d										✓	FRN	I-g																								
116	M - 4.3.1	40	SWRCB Permit Coverage	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
117	M - 4.3.1	41	Surface Water Collection System	ongoing																																																		
118	M - 4.3.1	42	Surface Water Quality Monitoring	ongoing																																																		
119	M - 4.3.1	43	Sediment Basin Maintenance	ongoing																																																		
120	M - 4.3.1	44	Final Landfill Cover	ongoing																																																	
121	M - 4.3.1	45	Erosion Control Plan	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
122	M - 4.3.1	46	Preventive Maintenance Program	ongoing	✓	FRN	I-a										✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h						✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
123	M - 4.3.2	49	Interception of Groundwater Seepage	ongoing					✓	C	NONE						✓	C	NONE																																						
124	M - 4.3.2	50	LCRS/Leachate Monitoring	ongoing																																																		
125	M - 4.3.2	51	LCRS Monitoring	ongoing																																																	
126																																																						
127	Biologist																																																				
128																																																					
129																																																					
130	M - 4.1.1	6	Slope Erosion Control	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
131	M - 4.2.11	23	Revegetation/Excavation	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
132	M - 4.2.12		Temporary Vegetation Cover	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
133	M - 4.4.1	60	Coastal Sage Scrub Mitigation Plan	ongoing					✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g										✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
134	M - 4.4.1	61	Coastal Sage Scrub Seeding	ongoing																																																		
135	M - 4.4.1	62	Mariposa Lily Mitigation Plan	ongoing	/				/				/				/				/				/				/				/				/				/				/				/				/			
136	M - 4.4.1	63	San Diego Horned Lizard Mitigation	ongoing	/				✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		/				/				/				/				/				/				/				/				/			
137	M - 4.4.1	64	California Gnatcatcher Surveys	ongoing	/				/				/				/				/				/				/				/				/				/				/				/			
138	M - 4.4.1	65	Least Bell's Vireo Surveys	ongoing	/				/				/				/				/				/				/				/				/				/				/				/			
139	M - 4.4.1	66	Western Burrowing Owl Surveys	ongoing	/				/				/				/				/				/				/				/				/				/				/				/			
140	M - 4.4.1	67	Migratory Bird Treaty Act	ongoing	/				/				✓	FRN	I-c		/				/				/				/				/				/				/				/				/			
141	M - 4.4.1	68	Raptor Nests Habitat	ongoing	/				/				/				/				/				/				/				/				/				/				/				/			
142	M - 4.4.3	72	Native Tree Mitigation	ongoing																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
143	M - 4.4.3	73	Nonnative Tree Mitigation	status																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
144	M - 4.4.3	74	Mitigation Tree Planting	ongoing																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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145	M - 4.4.3	75	Tree Planting Mitigation Site Prep	ongoing									✓	FRN	I-c						✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE															
146	M - 4.4.3	76	Poultry Wire Screen	ongoing																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE															
147	M - 4.4.3	77	Backfill Material	ongoing																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE															
148	M - 4.4.3	78	Tree Planting Procedure	ongoing																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE															
149	M - 4.4.3	79	Tree Area Mulching	ongoing																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE															
150	M - 4.4.3	80	Tree Irrigation/Fertilization	ongoing																	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE															
151	M - 4.4.3	81	Irrigation System	ongoing																																																	
152	M - 4.4.3	82	Annual Tree Monitoring Report	annual									✓	FRN	I-c																																								
153	M - 4.9.2	96	Vector Activity Monitoring	ongoing																																																	
154	M - 4.9.2	97	Vector Elimination	ongoing																																																
155	M - 4.9.2	98	Fly Control	ongoing																																																
156	M - 4.9.2	99	Rodent Control	ongoing																																																
157	M - 4.9.2	100	Operational Vector-Limiting Activity	ongoing																																																
158	M - 4.9.2	101	Equipment Cleanliness/Maintenance	ongoing																																																
159	M - 4.9.2	102	Storage of Vector-Attracting Items	ongoing																																																
160	M - 4.9.2	103	Salvaged Material Storage-Vector Control	ongoing	✓	C	NONE														✓	C	NONE		✓	C	NONE										✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
161	M - 4.9.2	104	Periodic Vector Inspections	ongoing																																																
162	M - 4.9.2	105	Implementation of Vector Control Measures	ongoing																																																
163																																																				
164	Air Quality & Noise Specialist																																																			
165																																																				
166																																																				
167	M - 4.2.11	19	Emissions Mitigation Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
168	M - 4.2.11	19	Construction Curtailing due to Pollution	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
169	M - 4.2.11	20	Dust Lofting Minimization	ongoing	✓	FRN	I-a										✓	FRN	I-d																																					
170	M - 4.2.11	21	Wind Speed Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
171	M - 4.2.11	22	Grading-Dust Reduction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
172	M - 4.2.12	24	Construction Equipment Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
173	M - 4.2.12		Construction Curtailing due to Pollution	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
174	M - 4.2.12	25	Refuse Trucks-Maintenance	ongoing																																																	
175	M - 4.2.12		Refuse Trucks-Engine	ongoing																																																
176	M - 4.2.12		Refuse Trucks-Fee Schedule	ongoing																																																
177	M - 4.2.12		Refuse Trucks-Fee Schedule Delivery Time	ongoing																																																
178	M - 4.2.12		Refuse Trucks-Idling	ongoing																																															
179	M - 4.2.12		Refuse Trucks-Emissions	ongoing																																															
180	M - 4.2.12	26	Truck Travel and Fugitive Dust Emissions	ongoing																																															
181	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																																															
182	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																																															
183	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																																															
184	M - 4.5.2	83	Landfill Hours	info	/				/				/				/				/				/				/				/				/				/				/				/			
185	M - 4.5.2	84	Landfill Equipment-Noise Reduction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
186																																																			
187	Hydrology, Hazardous Waste / Risk of Upset																																																		
188																																																			

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189																																																						
190	M - 4.3.2	53	Groundwater Monitoring Wells	ongoing																																																		
191	M - 4.3.2	58	Operation as Class III Landfill	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
192	M - 4.3.2	59	Underground Fuel Storage	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
193	M - 4.9.1	90	Refuse Inspection Program	ongoing																																				✓	C	NONE														
194	M - 4.9.1	91	Hazardous Waste Load-Checking	status																																		✓	C	NONE														
195	M - 4.9.1	93	Hazardous Waste Detection Training	status									✓	C	NONE																								✓	C	NONE														
196	M - 4.9.1	94	Spill Response Program	status					✓	FRN	I-b		✓	C	NONE						✓	FRN	I-e						✓	FRN	I-g		✓	FRN	I-h						✓	FRN	I-j													
197	M - 4.9.4	115	Safety Inspections/Checklists	ongoing									✓	C	NONE																								✓	C	NONE														
198	M - 4.9.4	118	Accident/Injury reports, Inspections	status									✓	C	NONE																								✓	C	NONE														
199	M - 4.9.4	121	Fire Prevention Plan	ongoing					✓	FRN	I-b														✓	FRN	I-f																														
200	M - 4.9.4	123	Personal Protective Equipment	ongoing									✓	C	NONE																								✓	C	NONE														
201	M - 4.9.4	125	Site Access/Fencing	ongoing	✓	FRN	I-a										✓	FRN	I-d						✓	C	I-f						✓	C	I-h						✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
202	M - 4.14.1	147	Fire Response Capabilities	ongoing									✓	C	NONE																																								
203	M - 4.14.1	148	Hydrant Installation	ongoing																																																	
204																																																					
205	Archaeologist																																																			
206																																																				
207																																																				
208	M - 4.19.1	183	Archaeological Resurvey	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE		✓	C	I-d			NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
209	M - 4.19.1	184	Onsite Archaeologist	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE						✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
210	M - 4.19.1	185	Archaeological Resources	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE						/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
211	M - 4.19.1	186	Archaeological Resources	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE						/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
212																																																				
213	Paleontologist																																																		
214																																																				
215																																																				
216	M - 4.19.2	187	Paleontological Resources Resurvey	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
217	M - 4.19.2	188	Paleontological Resources Excavation	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE						/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
218	M - 4.19.2	189	Paleontological Resources Training	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE						✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
219	M - 4.19.2	190	Paleontological Resources Recovery	ongoing		NA	NONE		/	NA	NONE		/	NA	NONE																																								
220	M - 4.19.2	191	Paleontological Resources Inspection	ongoing		NA	NONE		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	

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1	Project Manager																																																																			
2																																																																			
3																																																																		
4	Amendment 45.N - 1	45N	Daily Cover Materials	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
5	Amendment 45.N - 3	45N	Daily Cover Procedure	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
6	Amendment 45.N - 4.a	45N	Order for Abatement Status	ongoing	/		I-a		/		I-b				I-c		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i		/		I-j		/		I-k				I-l		/		I-m	
7	Amendment 45.N - 4.c	45N	Odor Patrol Program	ongoing	/		I-a		/		I-b				I-c		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i		/		I-j		/		I-k				I-l		/		I-m	
8	Amendment 45.N - 4.d	45N	Landfill Gas Mitigation Plan	ongoing	/		I-a		/		I-b				I-c		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i		/		I-j		/		I-k				I-l		/		I-m	
9	Amendment 45.N - 5	45N	Dust and Odor Reports	ongoing	/		I-a		/		I-b				I-c		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i		/		I-j		/		I-k				I-l		/		I-m	
10																																																																		
11	Combined Site & Bridge Area -20.A	20.A	Joint Powers Authority	info	/				/								/				/				/				/				/				/				/				/				/				/				/			
12	Combined Site & Bridge Area -20.F	20.F	Mitigation Reporting and Monitoring Program Amendment	status	/				/								/				/				/				/				/				/				/				/				/				/				/			
13	Landfill Capacity - 27	27	Tipping Fees for Partial Loads/Peak Hours	status																																																													
14	Grading & Drainage-41.A -.D	41A-D	Water Conservation	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
15	Revegetation - 44.F	44.F	Revegetation	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
16	Fugitive Dust - 45.B	45.B	Working Face Areas	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
17	Fugitive Dust - 45.F	45.F	Inactive Areas Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
18	Fugitive Dust - 45.I	45.I	Cleaning of Roads	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
19	Litter Control - 46.A - .D	46A-D	Litter Control Program	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
20	Gas - 52	52	Landfill Gas Collection System	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	FRN	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	FRN	I-i		✓	FRN	I-j															
21	Traffic - 57	57	Traffic Improvements	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
22	Traffic - 60	60	Street Light Installation	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
23	Traffic - 61	61	Traffic Minimization	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
24	Permittee Fees - 64 - 72	64-72	Permittee Fees	info	/				/								/				/				/				/				/				/				/				/				/				/			
25	Permittee Fees - 69	69	Permittee Fees-Contributions	info	/				/								/				/				/				/				/				/				/				/				/				/			
26	Permittee Fees - 70	70	Permittee Fees	info	/				/								/				/				/				/				/				/				/				/				/				/			
27	Permittee Fees - 72	72	Permittee Fees	info	/				/								/				/				/				/				/				/				/				/				/				/			
28	Alternative Fuel Vehicles - 77.A	77.A	Alternative Fuel Vehicles-Light Duty	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
29	Alternative Fuel Vehicles - 77.B	77.B	Alternative Fuel Vehicles-Refuse/Collection Trucks	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
30	Alternative Fuel Vehicles - 77.C	77.C	Alternative Fuel Vehicles-Report	status																																																											
31	Alternative Fuel Vehicles - 77.D	77.D	Alternative Fuel Vehicles-heavy-duty, alternative fuel off-road equipment pilot program	status																																																									
32	Alternative Fuel Vehicles - 77.E	77.E	Alternative Fuel Vehicles-Non-diesel Requirements	status																																																								
33	Alternative Fuel Vehicles - 77.F	77.F	Alternative Fuel Vehicles-Non-diesel Truck Trip Requirements	status																																																								
34	Alternative Fuel Vehicles - 77.G	77.G	Alternative Fuel Vehicles-Clean Fuel Demo Program	status																																																								
35	Alternative Fuel Vehicles - 77.H	77.H	Alternative Fuel Vehicles-Compliance Evaluation	status																																																								
36	Air Quality Monitoring - 81	81	Air Quality Monitoring-Testing	ongoing	/				/								/				/				/				/				/				/				/				/				/				/			
37			Air Quality Monitoring-Testing																																																											
38	IMP - Part I.A	IMP1	Air Quality Monitoring-Testing	ongoing	/				/								/				/				/				/				/				/				/				/				/				/			
39			Air Quality Monitoring-Testing																																																										
40	IMP - Part VI	IMP6	Air Quality Monitoring-Testing	ongoing	/				/								/				/				/				/				/				/				/				/				/				/			
41																																																												
42	MMRS-12/01/06		Mitigation Monitoring and Reporting Summary	info	/				/								/				/				/				/				/				/				/				/				/				/			
43			Permits																																																										
44	Geology - 1.15		Permittee's On-site Solid Waste Recovery and Recycling Program	status	/				/								/				/				/				/				/				/				/				/				/				/			
45	Surface Water - 2.09		SWRCB Permit Coverage	ongoing	/				/								/				/				/				/				/				/				/				/				/				/			

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46	Surface Water - 2.15		Surface Water Preventive Maintenance Program	ongoing	✓	FRN	I-a										✓	C	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h						✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
47	Groundwater - 3.13		Groundwater-LFG Migration Mitigation	ongoing																																																					
48	Groundwater - 3.14		Groundwater-Monitoring Wells	ongoing																																																			
49	BIOTA – 4.05		Annual Fee Submission for SEA Studies	status	/				/								/				/				/				/				/				/				/															
50	BIOTA – 4.06		Buffer Zone Maintenance as Nature Preserve	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
51	BIOTA – 4.07		Buffer Zone Maintenance-Vegetation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
52	BIOTA – 4.08		Ridgeline Maintenance-Remain Undisturbed	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
53	BIOTA – 4.47		Cleaning of Equipment	ongoing																																																			
54	BIOTA – 4.48		Monitoring of Vector-Attracting Items	ongoing																																																		
55	BIOTA – 4.49		Salvaged Material Storage-Vector Control	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
56	BIOTA – 4.50		Vector Activity Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
57	Air Quality - 6.03		Dust Emission Minimization	ongoing																																																			
58	Air Quality - 6.04		Usage of Cut Material for Cover	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
59	Air Quality - 6.05		Operations in Accordance with SCAQMD/DOPW Requirements	info	/				/								/				/				/				/				/				/				/															
60	Air Quality - 6.06		Landfill Gas Control/Extraction System/Monitoring	ongoing	/				/								/				/				/				/				/				/				/															
61	Air Quality - 6.07		Flaring Systems	info	/				/								/				/				/				/				/				/				/															
62	Air Quality - 6.08		Management of Truck Arrivals	ongoing																																																		
63	Air Quality - 6.10		Refuse Truck Mitigation	status																																																		
64	Air Quality - 6.11		Light Duty Alternative Fuel Vehicles	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
65	Air Quality - 6.11		Alternative Fuel Refuse Collection/Transfer Trucks	status																																																		
66	Air Quality - 6.11		Alternative Fuel Vehicle Report Submission	status																																																		
67	Air Quality - 6.11		Heavy-duty, Alternative Fuel Off-Road Equipment Pilot Program	status																																																	
68	Air Quality - 6.11		Non-Diesel, Alternative Fuel Vehicles-Transfer/Collection Trucks	status																																																	
69	Air Quality - 6.11		Non-Diesel, Alternative Fuel Vehicles Truck Trips	status																																																	
70	Air Quality - 6.11		Clean Fuel Demonstration Program	status																																																	
71	Air Quality - 6.11		Compliance Evaluation	status																																																	
72	Odor/Landfill Gas – 7.01		Landfill Gas Escape Prevention	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
73	Odor/Landfill Gas – 7.02		Landfill Gas Collection System	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
74	Odor/Landfill Gas – 7.04		Gas Collection/Flare System Risk Mitigation	ongoing																																																		
75	Odor/Landfill Gas – 7.05		Wellhead Awareness	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
76	Odor/Landfill Gas – 7.06		Odor Control Measures	ongoing	✓	FRN	I-a					✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
77	Odor/Landfill Gas – 7.07		Gas Recovery and Sale	status	✓	C	I-a	✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	FRN	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	FRN	I-i		✓	FRN	I-j													
78	Traffic/Circulation – 8.03		Street Light Installation	status	/						/				/		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
79	Traffic/Circulation – 8.04		Truck Traffic Minimization	status																																																	
80	Traffic/Circulation – 8.08		Tipping Fees for Partial Loads/Peak Hours	status																																																
81	Traffic/Circulation – 8.10		Nighttime Landfill Operations Feasibility	status	/				/								/				/				/				/				/				/				/															
82	Traffic/Circulation – 8.11		Parking Management along San Fernando Road	status	/				/								/				/				/				/				/				/				/															
83	Traffic/Circulation – 8.13		Adequate Queuing	status																																																	
84	Visual – 10.03		Landfill Flare Locations	status	/				/								/				/				/				/				/				/				/															
85	Visual – 10.04		Confinement of Excavation Cover Material	status																																																
86	Visual – 10.05		Lighting Requirements	status																																																
87	Visual – 10.11		Litter Control Program	ongoing																																															
88	Visual – 10.11		Solid Waste Load Procedures-Improperly Covered/Contained	ongoing																																															

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89	Visual – 10.11		Debris Removal at Entrance	ongoing																																																				
90	Visual – 10.11		Litter Control-Fencing	ongoing																																																				
91	Visual – 10.11		Periodic Litter Pickup	ongoing	✓	FRN	I-a																					✓	FRN	I-g						✓	FRN	I-i		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
92	Visual – 10.11		Litter Control-Additional Measures	ongoing																																																			
93	Visual – 10.12		Discharge Control/Litter Recovery	status																																																		
94	Water Conserv. - 11.01		Water Conservation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
95	Recycling - 14.01		On-site Waste Diversion/Recycling	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
96	Recycling - 14.03		Tonnage Disposal Determination	info	/				/				/				/				/				/				/				/				/				/				/				/				/			
97	Recycling - 14.04		Recycling-Various Tasks	info	/				/				/				/				/				/				/				/				/				/				/				/				/			
98			Clean Dirt Procedures																																																				
99	Site - 15.11		Reclaimed Water Utilization	status	/				/				/				/				/				/				/				/				/				/				/				/				/			
100	Site - 15.12		Water Conservation Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
101	Admin Rpts/Pgms - 17.4		Operation Compliance	info	/				/				/				/				/				/				/				/				/				/				/				/				/			
102	Admin Rpts/Pgms -17.10		Fill Sequencing Plans	status																																																			
103	Admin Rpts/Pgms-17.15		Quarterly Newsletter	status																																																			
104	Landfill Operation - 18.7		Graffiti Removal/Deterrent Plan	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
122																																																						
123	Civil & Geotechnical Engineer																																																					
124																																																						
125																																																						
126	Revegetation - 44.C	44.C	Cut Slope Requirements	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
127																																																						
128	Geology - 1.01		Survey Monument Locations	ongoing																																																			
129	Geology - 1.02		Seismic Design	ongoing																																																		
130	Geology - 1.03		Maximum Refuse Slope Gradients	ongoing																																																		
131	Geology - 1.04		Maximum Refuse Slope Gradients	ongoing																																																		
132	Geology - 1.05		Unsuitable Material Procedures	ongoing																																																	
133	Geology - 1.06		Grading Activities Procedures	ongoing																																																	
134	Geology - 1.07		Grading Activities Procedures	ongoing																	✓	C	I-e					✓	C	I-g		✓	C	I-h		✓	C	I-i		✓	C	I-j		✓	FRN	I-k								
135	Geology - 1.09		Outer Perimeter Ridgeline Requirements	info																																																		
136	Geology - 1.12		Soil Stabilization	ongoing																																																	
137	Geology - 1.16		Checklists/Surveys Following Earthquake	upon event	✓	FRN	I-a																					✓	FRN	I-g										✓	NA	NONE		✓	NA	NONE		✓	NA	NONE		✓	NA	NONE	
138	Geology - 1.18		Alluvium-Removal/Replacement	ongoing																																																		
139	Geology - 1.19		Landfill Design/Construction	ongoing																																																	
140	Geology - 1.20		Landfill Design/Construction-Foundations	ongoing																																																	
141	Surface Water - 2.03		Surface Drainage Control Facilities	ongoing	✓	FRN	I-a																					✓	FRN	I-g										✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
142	Surface Water - 2.05		Underdrain Requirements	ongoing																																																		
143	Surface Water - 2.06		Final Cover for Surface Water Runoff Control	ongoing																																																	
144	Groundwater - 3.02		Liner System Requirements	ongoing																																																	
145	Groundwater - 3.04		Onsite Inspector for Liner Installation	ongoing																																																	
146	Groundwater - 3.09		Alluvium Removal	ongoing																																																	
147	Visual – 10.01		Landfill Elevations	ongoing																																																	
148	Visual – 10.02		Final Fill Elevations	ongoing																																																
149																																																					
150	Hydrologist																																																				

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151																																																										
152																																																										
153	Grading & Drainage - 38	38	Installation of Drainage Structures	ongoing																																																						
154																																																											
155	Geology - 1.17		Landfill Design/Construction-Seismic	ongoing																																																						
156	Surface Water - 2.01		Surface Water Runoff Interception	ongoing																																																					
157	Surface Water - 2.02		Surface Water Runoff Collection	ongoing																																																				
158	Surface Water - 2.03		Surface Drainage Control-Maintenance	ongoing	✓	FRN	I-a														✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h						✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
159	Surface Water - 2-04		Sedimentation Basin Capabilities	ongoing																																																				
160	Surface Water - 2.05		Underdrain Placement	ongoing																																																			
161	Surface Water - 2.07		Drainage Control System Design Approval	ongoing																																																			
162	Surface Water - 2.08		Surface Water Runoff-Drainage System	ongoing																																																			
163	Surface Water - 2.10		Surface Water Collection System-Monitoring	ongoing																																																			
164	Surface Water - 2.11		Surface Water Quality-Collection/Monitoring	ongoing																																																		
165	Surface Water - 2.12		Permanent/Temporary Drainage Facilities	ongoing																								✓	FRN	I-g										✓	C	I-j										✓	C	I-m	
166	Surface Water - 2.13		Permanent/Temporary Drainage Facilities	ongoing																																																		
167	Surface Water - 2.14		Erosion Control Plan	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
168	Groundwater - 3.03		Interception of Groundwater Seepage	ongoing																																																			
169	Groundwater - 3.06		Monitoring Wells	ongoing																																																		
170																																																											
171	Biologist																																																										
172																																																										
173																																																										
174	Revegetation - 44	44	Revegetation/Cover Requirements	ongoing																																																				
175	Revegetation - 44.A	44.A	Temporary Hydroseed Vegetation	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
176	Revegetation - 44.B	44.B	Interim Reclamation/Revegetation Plan-Sold Waste	ongoing																																																			
177	Revegetation - 44.D	44.D	Final Fill Slope Requirements	ongoing																																																			
178	Revegetation - 44.E	44.E		ongoing																																																		
179																																																										
180	Geology - 1.13		Drainage Plan Approval	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
181	Geology - 1.14		Personnel Retention for Monitoring Soil Erosion	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
182	Groundwater - 3.11		Irrigation/Revegetation Management Personnel Retention	ongoing																																																			
183	BIOTA – 4.10		Oak Tree Permit	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
184	BIOTA – 4.11		Oak Tree Mitigation Plan	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	I-g		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	I-g		✓	C	NONE	
185	BIOTA – 4.13		Oak Tree Mitigation Counting	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
186	BIOTA – 4.20		Poultry Wire Screen	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
187	BIOTA – 4.24		Drip Irrigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
188	BIOTA – 4.27		Coastal Sage Scrub Mitigation Plan	ongoing	✓	FRN	I-a		✓	FRN	I-b										✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g										✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
189	BIOTA – 4.28		Coastal Sage Scrub Seeding	ongoing																																																			
190	BIOTA – 4.29		San Diego Horned Lizard Mitigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
191	BIOTA – 4.30		California Gnatcatcher Surveys	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
192	BIOTA – 4.31		Least Bell's Vireo Surveys	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
193	BIOTA – 4.32		Western Burrowing Owl Surveys	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
194	BIOTA – 4.33		Migratory Bird Treaty Act	ongoing	✓	C	NONE		✓	C	NONE		✓	FRN	I-c		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
195	BIOTA – 4.34		Raptor Nests Habitat	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
196	BIOTA – 4.36		Personnel Retention for Monitoring Revegetation Plan	ongoing																																																		

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Sunshine Canyon Landfill County Mitigation Monitoring Summary
(07-01-2015 through 09-30-2015)

					First Quarter																Second Quarter																				Third Quarter															
Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	1/7/2015	Status*	Further Review Needed/Comments**	Resolved*	2/13/2015	Status*	Further Review Needed/Comments**	Resolved*	2/26/2015	Status*	Further Review Needed/Comments**	Resolved*	3/24/2015	Status*	Further Review Needed/Comments**	Resolved*	4/9/2015	Status*	Further Review Needed/Comments**	Resolved*	4/23/2015	Status*	Further Review Needed/Comments**	Resolved*	5/27/2015	Status*	Further Review Needed/Comments**	Resolved*	6/9/2015	Status*	Further Review Needed/Comments**	Resolved*	6/24/2015	Status*	Further Review Needed/Comments**	Resolved*	7/22/2015	Status*	Further Review Needed/Comments**	Resolved*	8/11/2015	Status*	Further Review Needed/Comments**	Resolved*	8/26/2015	Status*	Further Review Needed/Comments**	Resolved*	9/23/2015	Status*	Further Review Needed/Comments**	Resolved*
197	BIOTA – 4.37		Personnel Retention for Monitoring Revegetation Plan, Onsite Plants	status																																																			
198	BIOTA – 4.38		Green Waste Material	ongoing																																																			
199	BIOTA – 4.39		Revegetation of Slopes/Fill Areas	ongoing																																																			
200	BIOTA – 4.41		Revegetation Plan-Replacement Cover	ongoing																																																			
201	BIOTA – 4.42		Interim Vegetation	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
202	BIOTA – 4.43		Replacement Riparian Habitat	status													✓	FRN	I-d						✓	FRN	I-f																												✓	FRN	I-m	
203	Air Quality - 6.02		Dust Control	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
204	Visual – 10.06		Upper Ridge Planting/Revegetation	ongoing																																																			
205	Visual – 10.07		Tree Planting Around Perimeter	ongoing																																																			
206	Visual – 10.08		Cover/Revegetation Requirements	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i		✓	FRN	I-j		✓	FRN	I-k		✓	FRN	I-l		✓	FRN	I-m	
207	Visual – 10.08		Solid Waste Disposal Procedures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
208	Visual – 10.08		Final Cut Slope Steepness	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
209	Visual – 10.08		Final Fill Slopes-Reclamation/Revegetation	status																																																			
210	Visual – 10.08		Revegetation Requirements	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
211	Visual – 10.09		Final Cover Composition Requirements	ongoing																																																			
212	Visual – 10.10		Buffer Zone Maintenance	ongoing																																																			
213	Water Conservation - 11.02		Plant Species	ongoing																																																			
214	Fire Service - 12.01		Brush Clearance Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
215																																																							
216	Air Quality & Noise Specialist																																																						
217																																																							
218																																																							
219	Fugitive Dust - 45.F	45.F	Fugitive Dust Monitoring	ongoing																																																			
220	Fugitive Dust - 45.I	45.I	Paved Roads-Cleaning	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
221	Fugitive Dust - 45.N	45.N	Report Submission-Dust/Odor	every quarter																																																			
222	Air Quality Monitoring - 81	81	Air Quality Monitoring-Tests	ongoing																																																			
223																																																							
224																																																							
225	Air Quality – 6.01		Fugitive Dust Aversion	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
226	Air Quality – 6.01		Working Face Requirements	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
227	Air Quality – 6.01		Erosion Control-Daily Cover	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
228	Air Quality – 6.01		Soil Stockpile Requirements	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
229	Air Quality – 6.01		Active Area Fill	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
230	Air Quality – 6.01		Soil Sealant	ongoing																																																			
231	Air Quality – 6.01		Dust Emissions-Road Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
232	Air Quality – 6.01		Access Roads-Paving	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
233	Air Quality – 6.01		Dust Generation-Dumping	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
234	Air Quality – 6.01		Water Tanks/Piping Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
235	Air Quality – 6.01		Wind Speed Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
236	Air Quality – 6.01		Report Submission-Dust/Odor	every quarter	/				/				/				/				/				/				/				/				/				/				/				/				/			
237	Odor/Landfill Gas – 7.03		Odor/Landfill Gas Monitoring Program	ongoing	/				/				/				/				/				/				/				/				/				/				/				/				/			
238	Odor/Landfill Gas – 7.03		Landfill Surface Sampling	ongoing	/				/				/				/				/				/				/				/				/				/				/				/				/			
239	Odor/Landfill Gas – 7.03		Landfill Perimeter Air Samples	ongoing	/				/				/				/				/				/				/				/				/				/				/				/				/			
240	Odor/Landfill Gas – 7.03		Landfill Surface Monitoring	ongoing	/				/				/				/				/				/				/				/				/				/				/				/				/			

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(07-01-2015 through 09-30-2015)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter															
					1/7/2015	Status*	Further Review Needed/Comments**	Resolved*	2/13/2015	Status*	Further Review Needed/Comments**	Resolved*	2/26/2015	Status*	Further Review Needed/Comments**	Resolved*	3/24/2015	Status*	Further Review Needed/Comments**	Resolved*
241	Odor/Landfill Gas – 7.03		LFG Collection System Monitoring	ongoing	/				/				/				/			
242	Noise – 9.01		Landfill Access/Operation	info	/				/				/				/			
243	Noise – 9.03		Landfill Equipment-Mufflers/Silencers	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
244	Admin Rpts/ Pgms-17.16		Air Quality Monitoring-Corrective Action Plan	ongoing	/				/				/				/			
245																				
246																				
247	Hydrology, Hazardous Waste / Risk of Upset																			
248																				
249																				
250	IMP - Part IV.E	IMP4	Load Inspection-Random Manual	ongoing																
251																				
252	Groundwater - 3.05		Leachate Collection and Removal System	ongoing																
253	Groundwater - 3.15		Underground Diesel Fuel Storage Tanks	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
254	Fire Service - 12.02		On-site Fire Response Capabilities-Operating Equipment	ongoing	✓	C	NONE													
255	Fire Service - 12.03		On-site Fire Response Capabilities-Roads/Water	ongoing					✓	FRN	I-b									
256	Fire Service - 12.04		On-site Fuel Storage Tanks-Permit Issuance	ongoing																
257	Fire Service - 12.05		Building Limits	ongoing																
258	Fire Service - 12.06		Methane Gas Monitoring-On-site Structures	ongoing	✓	C	NONE													
259	Hazardous Materials – 13.02		Waste Load Checking Program	ongoing																
260	Hazardous Materials – 13.05		Hazardous Waste Disposal	ongoing	✓	C	NONE													
261	Hazardous Materials – 13.10		Hazardous Waste-Procedures	ongoing																
262	Hazardous Materials – 13.11		Spill Response Program	ongoing					✓	FRN	I-b									
263	Safety - 16.02		Injury and Illness Prevention Program	status																
264	Safety - 16.03		Working Conditions-Monitoring	status																
265	Safety - 16.04		Inspection Checklist-Work Area Exposure	status																
266	Safety - 16.07		Accident/Injury Reports	status																
267	Safety - 16.08		First-aid Kits	ongoing																
268	Safety - 16.10		Lockout/Blackout Procedures	status																
269	Safety - 16.11		Personal Protective Equipment	status																
270	Landfill Operation - 18.8		Prohibited Waste Procedures	ongoing																
271																				
272	Archaeologist																			
273																				
274																				
275	Ecological Significance - 62	62	Archaeological/Paleontological Identification/Conservation Program	ongoing													✓	C	I-d	
276	IMP - Part VII.B	IMP7	Archaeological/Paleontological Report Submis	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
277	Archaeological – 5.01		Archaeological Resurvey	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
278	Archaeological – 5.02		Onsite Archaeologist	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
279	Archaeological – 5.03		Onsite Paleontologist	ongoing	✓	C	I-e		✓	C	I-b		✓	C	I-c		✓	C	I-d	
280	Archaeological – 5.04		Archaeological/Paleontological Identification Instruction	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
281	Archaeological – 5.05		Archaeological Resource Curation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
282																				
283	Paleontologist																			
284																				
285																				

Line #	Second Quarter																			
	4/9/2015	Status*	Further Review Needed/Comments**	Resolved*	4/23/2015	Status*	Further Review Needed/Comments**	Resolved*	5/27/2015	Status*	Further Review Needed/Comments**	Resolved*	6/9/2015	Status*	Further Review Needed/Comments**	Resolved*	6/24/2015	Status*	Further Review Needed/Comments**	Resolved*
241	/				/				/				/				/			
242	/				/				/				/				/			
243	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
244	/				/				/				/				/			
245																				
246																				
247																				
248																				
249																				
250																				
251																				
252																				
253	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
254																				
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258																				
259																				
260																				
261																				
262	✓	FRN	I-e				I		✓	FRN	I-g		✓	FRN	I-h					
263																				
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272																				
273																				
274																				
275					✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
276	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
277	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
278	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
279																				
280	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
281	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
282																				
283																				
284																				
285																				

Line #	Third Quarter															
	7/22/2015	Status*	Further Review Needed/Comments**	Resolved*	8/11/2015	Status*	Further Review Needed/Comments**	Resolved*	8/26/2015	Status*	Further Review Needed/Comments**	Resolved*	9/23/2015	Status*	Further Review Needed/Comments**	Resolved*
241	/				/				/				/			
242	/				/				/				/			
243	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
244	/				/				/				/			
245																
246																
247																
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250																
251																
252																
253	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
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262	✓	FRN	I-j													
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272																
273																
274																
275	✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
276	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
277	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
278	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
279																
280	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
281	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
282																
283																
284																
285																

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286	Ecological Significance - 62	62	Archaeological/Paleontological -Material Identification/Conservation	ongoing					✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i		✓	C	I-j		✓	C	I-k		✓	C	I-l		✓	C	I-m	
287	IMP - Part VII.B	IMP7	Archaeological/Paleontological-Report Submission	ongoing					✓	C	I-b		✓	C	I-c		✓	C	I-d																																							

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Appendix I

Further Review Needed-Comments/ I-j through I-m
Third Quarter 2015 Site Visits

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed-Comments
Project Manager	Q – B.2.c		City Planning	I-j: The realigned access road was finished and asphalted. The downhill slopes had two areas that were washed away from the recent rain storm. The drainage conveyance piping was not installed on a 36" corrugated HDPE drain line and two 36" box concrete drains. The slope near the corrugated pipe was being repaired. The grading for Cell CC-3B was underway. I-k: The exit of the realigned access road onto San Fernando Road had no centerline striping near the gate. Trucks were observed making wide turns into the incoming lanes. Trucks were also seen making tight turns and running over the right side curb. This exit needs to be analyzed and deficiencies corrected. The uphill drainage system above the realigned access road was completed and bare soil was covered with jute netting. The placement of base liner in Cell CC-3B was in progress. I-l: Cell CC-3B base liner installation was nearing completion. Temporary sedimentation basins were being constructed between the cell and the terminal basin. The drainage pipes and concrete box culvert under the new road were scheduled to have down-comer pipes and other conveyance systems to be installed in days which would connect the drainage flow to the terminal basin. I-m: The clay base for the liner was being installed in Cell CC-3B. Slope liner was being placed on the old City north fill area. Liner gas and liquid collection systems were not able to be verified. The QA/QC report should have this included in it. Temporary drainage basins were being constructed downstream of Cell CC-3B. The terminal basin was having sediment removed and the rock around the outlet riser cleaned
		Geology - 1.07	County DPW EPD/County LEA	I-j, I-k, I-l, and I-m: See Q – B.2.c above.
		Geology - 1.11	County DPW EPD/County LEA	I-j, I-k, I-l, and I-m: See Q – B.2.c above.
	Q - B.2.d		City Planning	I-m: The City Planning Department was preparing a recommendation report for the Phase III 10-year review to be presented to the City Planning Commission in October.
	Q - C.10.c		City Planning	I-j: The gas-to-energy facility operated as designed during the entire 2015 3rd Quarter with no unusual or unpredicted maintenance. A summary of the volume of landfill gas now being generated, a forecast of future gas generation, and the volume of the landfill gas currently being recovered and used for beneficial use should be included in the June Annual Report.
		Odor/Landfill Gas - 7.07	County Planning/SCAQMD SCL-LEA	I-j: See Q - C.10.c above.
		Gas - 52	County DPW EPD/SCL-LEA County Forester Fire Warden	I-j: See Q - C.10.c above.
		Fire Service - 12.03	County DPW EPD/SCL-LEA County Forester Fire Warden	I-j: See T-4 below.
	T-4		City Planning, City Fire Department	I-j: A plot plan showing the relocated offices, scales and scale house, fire access roads and ingress and egress roads should be submitted to the City Fire Department for their use. This information should also be posted for employee and customer use.
	M - 4.1.1 / 7	Re-abandonment Procedures	City Planning/SCAQMD SCL-LEA	I-m: Two old oil well casings were observed in the area north of the new office site. These well casings could not be checked for methane. The area around the casings showed a slight presence of methane. The well casings will need to be lowered and re-abandoned as required by the California Department of Oil, Gas, and Geothermal Resources (DOGGR).

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed-Comments
Project Manager	M - 4.2.12 / 28		City Planning/SCAQMD SCL-LEA	I-j, I-k, I-l, and I-m: During the third quarter monitoring, the germination of hydroseeding on interim and inactive slopes had minimal success due to the lack of irrigation with potable water. The use of alternatives to hydroseeding on interim and inactive slopes for slope stability and dust control was being used. Plastic and jute were being used on the south facing slopes of Cell CC-3A. A performance test was being done by the landfill on these two slope stability options. Jute netting, with seed incorporated in it, was used on the cut slopes above the realigned access road near the entrance. No hydroseeding was done in the third quarter due to drought conditions.
	M - 4.2.13 / 33		City Planning/SCAQMD	I-j: The monitors drove the adjacent Granada Hills neighborhood and did not detect any landfill odors. Also, the monitors drove to 11780 Blucher Avenue and did detect greenwaste odors coming from the C&D Recycling facility. The greenwaste odor could be what is periodically smelled on the 405 freeway. The working face was observed to be a single, small compact area. Two Dust Boss misters were being used to control waste working face and tipping odors. I-k: The monitors observed the working face, and the use of Dust Boss equipment to control odors from the working face. There was a Dust Boss being used along the access road to control a localized gas or liquids odor. The monitors drove to the oil field and no landfill odors were detected in the area. I-l: The monitors drove to the working face. The area was compact and operating efficiently. Tippers were not yet in operation. Dust Boss equipment was in use. Along the haul road, localized odors were detected around gas well 741. The area was wet around the well. Republic staff were notified of this condition and they indicated that they were aware of it and implementing corrective action. I-m: Operations staff were using the Dust Boss vapor emitters to control working face odors. The working face odors were detected on the main access road but was not detected in the adjacent neighborhood. Greenwaste odors were detected on the 405 freeway north of the Rinaldi exit earlier when one monitor was on the way to the landfill. The monitors drove to Blucher Avenue just north of the Odyssey Restaurant. Strong greenwaste odors were detected coming from the C&D Recycling facility with less intense odors coming from the Van Norman Mulching facility.
	M -4.2.13/ 29, 30, 32, 34		City Planning/SCL-LEA/SCAQMD	I-j through I-m: Compliance with these mitigation measures, concerning landfill gas monitoring and odor control and detection, is being monitored by a multi-agency team led by the SCAQMD. Only obvious gas emission sources, odorous operations related to gas and/or gas and landfill liquids, lack of cover, or exposed trash resulting in odor observed during the monitoring visit will be reported.
		Amendment 45.N - 4.a, 4.c, 4.d	County DPW-EPD	I-j through I-m: See M-4.2.13/29, 30, 32, and 34 above.
		Amendment 45.N - 5	County DPW-EPD	I-j through I-m: See M-4.2.13/29, 30, 32, and 34 above

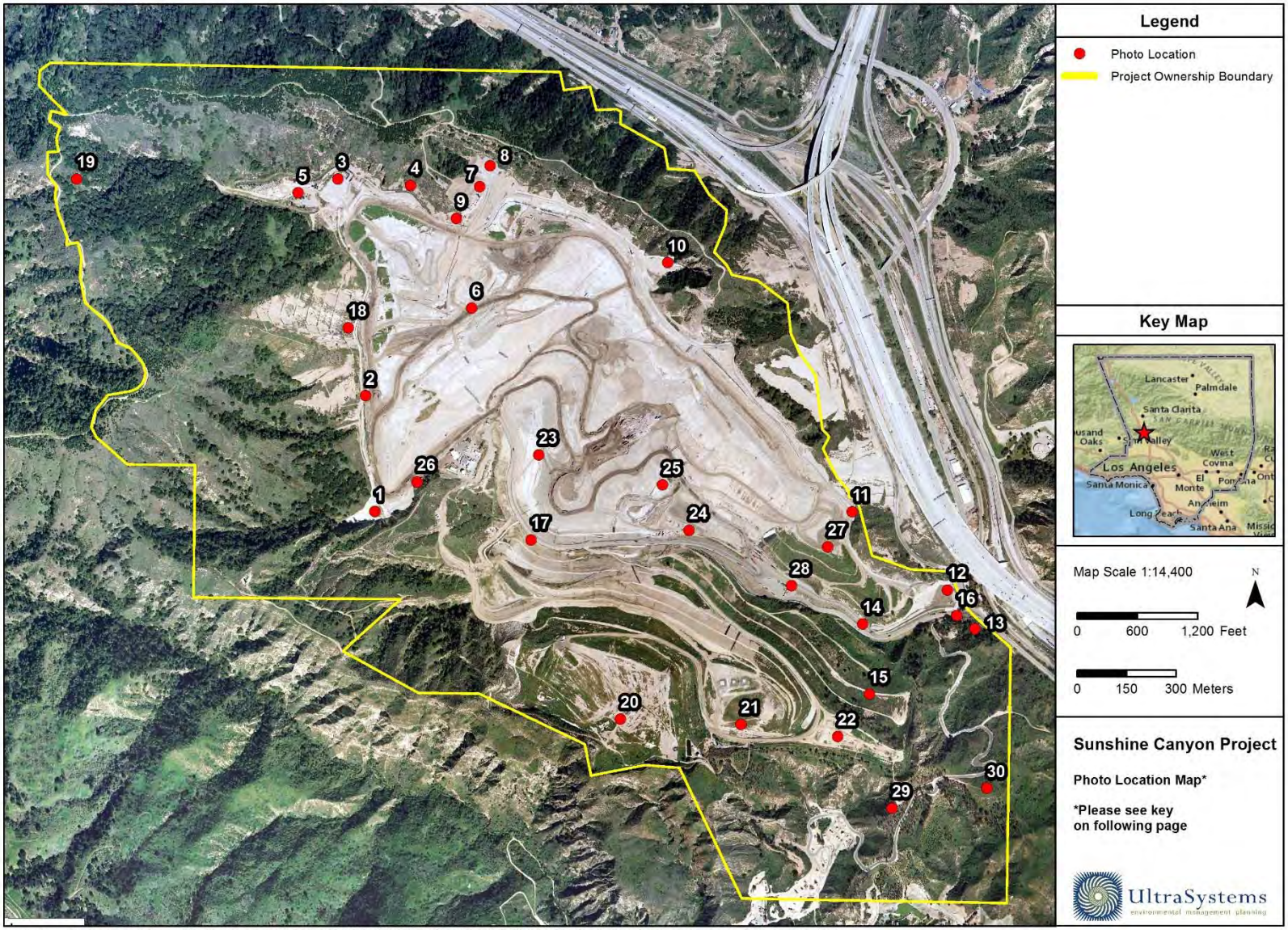
Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed-Comments
Project Manager		Surface Water - 2.15	County DPW EPD/ LARWQCB, SCL- LEA	I-j: It was observed that the block wall hillside retaining wall along the San Fernando Road south frontage has a significant amount of soil and debris accumulating on top of the wall. The top drainage was blocked and the fence was nearly being topped with debris in several areas. This retaining wall was not designed for this type of loading. The two-foot-wide walkway in front of the wall was also piled with soil. The westside drainage channel still had the floor slabs uplifting and water infiltration behind the sidewalls. Repairs are not scheduled until 2016. Minor temporary repairs may be needed to withstand a wet winter. I-k: It was observed that Basin A was clean and had no standing water. The rock around the outlet risers was still plugged with soil. Also, the westside drainage channel was clean but still was in need of repair. Temporary repairs to stop water infiltration behind the sidewall should be evaluated before next year's rains. In addition, the County and City top decks did not have positive drainage. The areas should be graded to avoid ponding when the rains start. Additionally, Basin B was cleaned and had a small pile of soil that had yet to be removed. I-l: The monitors observed that the terminal basin was cleared of sediment. The rock around the outlet risers was not yet in place. In addition, Basin A was cleared of sediment. The sediment in the drainage riser's rock had not been cleaned. I-m: It was observed that Basin A had standing water that did not drain. The rock around the outlet risers had dirt plugging the flow to the risers. The Basin A outlet channel was partially blocked with soil and sand bags protecting gas and liquid HDPE pipelines. In addition, the block retaining wall south of the landfill had more soil and debris accumulating on top of it, and blocking the drainage channel on top. The wall was not designed for this extra load and its stability may be impacted after rain events that would further load the wall.
		Odor/Landfill Gas - 7.06	County DPW-EPD/SCL-LEA/SCAQMD	I-j through I-m: See M-4.2.13/33 above.
	M - 4.4.2/69		City Planning	I-m: Republic staff had stated that the Corps of Engineers provided final comments to the Republic/City agreement to use Chatsworth Reservoir as a wetlands mitigation site. Republic transmitted these comments to the City Attorney the same day. The City Attorney has not yet finalized the agreement. There has been no progress on the Chatsworth Mitigation Agreements since then.
		Biota - 4.4.3	CDFW	I-m: See M - 4.4.2 / 69 above.
Civil and Geotechnical Engineer	M - 4.1.1 / 2		City Building and Safety City Planning	I-j and I-k: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 4		City Planning/LARWQCB Cal Recycle	I-j and I-k: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 5		City Planning/ LARWQCB Cal Recycle	I-j: The grading and compaction of fill for the realigned access road was monitored by Republic's geotechnical consultant and they issued a report certifying compliance with the geotechnical report and grading plans for the realignment. I-k: The use of the realignment road was observed. Exiting trucks had a problem trying to avoid running over an existing curb on the right side of the roadway without encroaching into the oncoming lane. There was no center line striped on the pavement. A traffic engineer needs to assess the current roadway configuration to provide a design to correct these deficiencies.
		Geology - 1.07	County DPW EPD/ County LEA	I-j and I-k: See M - 4.1.1 / 5 above.
	M - 4.1.5 / 12		City Planning/LARWQCB Cal Recycle	I-j and I-k: See M - 4.1.1 / 5 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed-Comments
Civil and Geotechnical Engineer	M - 4.14.1 / 155		City Planning/Cal Recycle PW-BOE LADBS City LEA	I-j and I-k: Construction of the access road realignment is on-going and will have a grade less than 15%. The construction design drawings have not been available for review, so compliance with this condition cannot be monitored and verified.
	M - 4.18 / 178		City Planning/City LEA	I-j, I-k, I-l, and I-m: A map showing areas that are at the final elevations and which should have final cover should be available for review. Documents showing current filled elevations should also be available onsite for review. These conditions were not monitored.
Hydrologist	M - 4.3.1/ 37, 38		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE	I-j and I-m: It is assumed herein that the permanent drainage channels are designed in accordance with the referenced regulations. The design drawings and reports should be available for review.
		Surface Water - 2.12	County DPW EPD/ LARWQCB SCL-LEA	I-j and I-m: See M - 4.3.1/ 37, 38 above.
	M - 4.3.1 / 39		City Planning/LARWQCB Cal Recycle	I-j, I-k, I-l, and I-m: See M - 4.18 / 178 above.
	M - 4.3.1 / 40		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-j, I-k, I-l, and I-m: See M - 4.3.1/45 below.
	M - 4.3.1 / 45		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-j, I-k, I-l, and I-m: The erosion control plan should be available onsite for review. This plan should be a living document that keeps up with construction activities.
		Surface Water - 2.14	County DPW EPD/ LARWQCB County LEA	I-j, I-k, I-l, and I-m: See M - 4.3.1/45 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed-Comments
Hydrologist	M - 4.3.1/ 46		City Planning/ LARWQCB CalRecycle PW-BOE	I-j: It was observed that the block wall hillside retaining wall along the San Fernando Road south frontage has a significant amount of soil and debris accumulating on top of the wall. The top drainage was blocked and the fence was nearly being topped with debris in several areas. This retaining wall was not designed for this type of loading. The two-foot-wide walkway in front of the wall was also piled with soil. The westside drainage channel still had the floor slabs uplifting and water infiltration behind the sidewalls. Repairs are not scheduled until 2016. Minor temporary repairs may be needed to withstand a wet winter. I-k: It was observed that Basin A was clean and had no standing water. The rock around the outlet risers was still plugged with soil. Also, the westside drainage channel was clean but still was in need of repair. Temporary repairs to stop water infiltration behind the sidewall should be evaluated before next year's rains. In addition, the County and City top decks did not have positive drainage. The areas should be graded to avoid ponding when the rains start. Additionally, Basin B was cleaned and had a small pile of soil that had yet to be removed. I-l: The monitors observed that the terminal basin was cleared of sediment. The rock around the outlet risers was not yet in place. In addition, Basin A was cleared of sediment. The sediment in the drainage riser's rock had not been cleaned. I-m: It was observed that Basin A had standing water that did not drain. The rock around the outlet risers had dirt plugging the flow to the risers. The Basin A outlet channel was partially blocked with soil and sand bags protecting gas and liquid HDPE pipelines. In addition, the block retaining wall south of the landfill had more soil and debris accumulating on top of it, and blocking the drainage channel on top. The wall was not designed for this extra load and its stability may be impacted after rain events that would further load the wall.
		Surface Water - 2.15	LARWQCB / County DPW EPD	I-j, I-k, I-l, and I-m: See M - 4.3.1/ 46 above.
Biologist	M - 4.1.1 / 6		City Planning/ LARWQCB CalRecycle SCL-LEA LADBS	I-j, I-k, I-l, and I-m: During the third quarter monitoring, the germination of hydroseeding on interim and inactive slopes had minimal success due to the lack of irrigation with potable water. The use of alternatives to hydroseeding on interim and inactive slopes for slope stability and dust control was being used. Plastic and jute were being used on the south facing slopes of Cell CC-3A. A performance test was being done by the landfill on these two slope stability options. Jute netting, with seed incorporated in it, was used on the cut slopes above the realigned access road near the entrance. No hydroseeding was done in the third quarter due to drought conditions.
		Geology - 1.14	LARWQCB/ County Forester	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
	M - 4.2.11 / 23		City Planning	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
		Geology - 1.13	County DPW EPD/ County Forester LARWQCB	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
	M - 4.2.12		SCL-LEA/ City Planning	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
		Revegetation - 44.A	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
		Revegetation - 44.F	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
		Biota - 4.42	SCL-LEA	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
		Air Quality - 6.02	SCAQMD/ SCL-LEA	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed-Comments
Biologist		Visual - 10.08	County Forester	I-j, I-k, I-l, and I-m: See M - 4.1.1 / 6 above.
	M - 4.4.1 / 60		City Planning	I-j: The City Deck C sage mitigation area was observed to be doing well with summer dry conditions. I-k: The monitors observed that the City Deck C sage mitigation was doing well. Birds were seen in the habitat area. I-l: The City Deck C sage mitigation was doing well with only the sage and buckwheat showing the effects of a summer dry condition. Birds were observed foraging in the area. I-m: The City Deck C sage mitigation was observed to be doing well. Also, the PM-10 berm oak trees were doing well in all areas except for the ridgeline saddle where the high, hot winds had stunted their growth. The understory vegetation could be planted amongst the oak trees in all areas except for the saddle.
		Biota - 4.27	County LEA/CDFW	I-j, I-k, I-l, and I-m: See M - 4.4.1 / 60 above
Hydrology, Hazardous Waste / Risk of Upset	M - 4.9.1 / 94		City Planning/LARWQCB Cal Recycle City LEA	I-j: It was observed that the Old North City Landfill deck was being used for soil stockpiling, liner material storage, and parking of heavy equipment. There were eight pieces of equipment that were being parked with no oil drip pans.
	M - 4.9.4 / 121		City Planning/Cal Recycle Cal OSHA LAFD City LEA	I-j: It was observed that a secondary access road from City Deck C to the oil field and Sesnon Boulevard had not been graded nor surfaced with rock. Passenger vehicles may not be able to use this road in its current condition, with deep ruts in a dirt road. Also, many facilities on site were being relocated. At the completion of this construction, a fire plot plan showing the new locations of offices, maintenance facilities, and roadways should be prepared and provided to the City Fire Department and City and County Planning. Emergency egress should be posted for site employees and customers.
	M-4.9.4/125		City Planning/ CalRecycle Cal OSHA SCL-LEA	I-j, I-k, I-l, and I-m: The south perimeter oil field gate was observed to be locked.
Paleontologist	M-4.19.2/191		City Planning	I-j, I-k, I-l, and I-m: During the entire 3rd Quarter monitoring period, a paleontological consultant was on site monitoring the excavation west and south of the old offices near the City and County jurisdictional boundary. No recoverable resources were encountered; only minor non-recoverable fragments. A paleontological consultant also monitored the access road realignment grading. Paleontological reports are on file and are available in Republic's offices.
		Ecological Significance 62	County Planning	I-j, I-k, I-l, and I-m: See M-4.19.2/191 above.

Appendix II
Relevant Site Photos



Service Layer Credits: National Geographic, Esri, DeLorme, NAVTEQ, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, iPC, Los Angeles County, 2010; Republic, 2013; UltraSystems Environmental, Inc., 2014-2015

Photo Location Map Key

Map Location	Title	Photo Number
1.	Basin A Area	17-43
2.	Westside Drainage Channel	49-65
3.	Basin D Area	-
4.	Basin D North Drainage	70-71
5.	Materials Storage Area	66-69
6.	County Top Deck	73-120
7.	Flares 8-10	121-124
8.	Gas-to-Energy Facility	-
9.	Flares 8–10 Adjacent Hillsides	-
10.	Basin B Area	125-146
11.	Eastside Drainage Channel	125
12.	Terminal Basin	147-167
13.	Sewer and Gray Water Area	273-280
14.	Existing Access Road	-
15.	Realigned Access Road	168-220
16.	Leachate Treatment Facility	-
17.	Truck Scale Facilities	480-481
18.	County Sage Mitigation Area	-
19.	Big Cone Fir Mitigation	-
20.	City Sage Mitigation – Deck A	337-339
21.	City Sage Mitigation – Deck B	324-326
22.	City Sage Mitigation – Deck C	292-322
23.	Cell CC3A Area	-
24.	Cell CC3B Area	222-263
25.	Site Working Area	416-457
26.	Site Grading Northwest of Office	11-50
27.	Old City North	356-377
28.	Condensate Treatment Facility	-
29.	PM-10 Mitigation Planting	297-303
30.	Oak Tree Mitigation in Buffer Area	297-303

Photo 1: Relocated Landfill Offices: July 22, 2015

Photo 2: Relocated Landfill Offices: July 22, 2015

Photo 3: Relocated Landfill Offices: July 22, 2015

Photo 4: Prior Downed Powerline Fire Site: July 22, 2015

Photo 5: Relocated Landfill Offices: July 22, 2015

Photo 6: Relocated Landfill Offices: July 22, 2015

Photo 7: Relocated Landfill Offices: July 22, 2015

Photo 8: Drainage Above New Offices Site: September 23, 2015

Photo 9: Drainage above New Offices Site: September 23, 2015

Photo 10: Drainage Above New Offices Site: September 23, 2015

Photo 11: Grading North of Current Offices: July 22, 2015

Photo 12: Grading North of Current Offices: July 22, 2015

Photo 13: Grading North of Current Offices: July 22, 2015

Photo 14: Grading North of Current Offices: July 22, 2015

Photo 15: Grading North of Current Offices: July 22, 2015

Photo 16: Basin A: July 22, 2015

Photo 17: Basin A: July 22, 2015

Photo 18: Basin A: July 22, 2015

Photo 19: Basin A Native Hillside: July 22, 2015

Photo 20: Basin A Native Hillside: July 22, 2015

Photo 21: Basin A Native Hillside: July 22, 2015

Photo 22: Basin A Native Hillside: July 22, 2015

Photo 23: Basin A: August 11, 2015

Photo 24: Basin A: August 11, 2015

Photo 25: Basin A: August 11, 2015

Photo 26: Basin A Native Hillside: August 11, 2015

Photo 27: Basin A Native Hillside: August 11, 2015

Photo 28: Basin A Native Hillside: August 11, 2015

Photo 29: Basin A: August 26, 2015

Photo 30: Basin A: August 26, 2015

Photo 31: Basin A: August 26, 2015

Photo 32: Basin A: August 26, 2015

Photo 33: Basin A Native Hillside: August 26, 2015

Photo 34: Basin A Native Hillside: August 26, 2015

Photo 35: Basin A Native Hillside: August 26, 2015

Photo 36: Basin A Native Hillside: August 26, 2015

Photo 37: Basin A: September 23, 2015

Photo 38: Basin A: September 23, 2015

Photo 39: Basin A Westside Channel Inlet: July 22, 2015

Photo 40: Basin A Outlet: September 23, 2015

Photo 41: Basin A Outlet Channel: September 23, 2015

Photo 42: Basin A Outlet Channel: September 23, 2015

Photo 43: Basin A Outlet Channel: September 23, 2015

Photo 44: Old Oil Wells South of Basin A: July 22, 2015

Photo 45: Old Oil Wells: July 22, 2015

Photo 46: Grading Work near Basin A: September 23, 2015

Photo 47: Grading Work Near Basin A: September 23, 2015

Photo 48: Grading Work Near Basin A: September 23, 2015

Photo 49: Grading Work Near Basin A: September 23, 2015

Photo 50: Grading Work Near Basin A: September 23, 2015

Photo 51: Native Oak Trees Dying Near Basin A: September 23, 2015

Photo 52: Native Oak Trees Dying Near Basin A: September 23, 2015

Photo 53: Native Oak Trees Dying Near Basin A: September 23, 2015

Photo 54: Native Oak Trees Dying Near Basin A: September 23, 2015

Photo 55: City Lined Drainage Lift Area: August 26, 2015

Photo 56: City Lined Drainage Lift Area: August 26, 2015

Photo 57: City Lined Drainage Lift Area: September 23, 2015

Photo 58: City Lined Drainage Lift Area: September 23, 2015

Photo 59: Westside Drainage Channel: July 22, 2015

Photo 60: Westside Drainage Channel: July 22, 2015

Photo 61: Westside Drainage Channel: July 22, 2015

Photo 62: Westside Drainage Channel: August 11, 2015

Photo 63: Westside Drainage Channel: August 11, 2015

Photo 64: Westside Drainage Channel: August 11, 2015

Photo 65: Westside Drainage Channel: August 11, 2015

Photo 66: Condensate Equipment in Storage Yard: July 22, 2015

Photo 67: Condensate Equipment in Storage Yard: July 22, 2015

Photo 68: Condensate Equipment in Storage Yard: August 11, 2015

Photo 69: Material Storage Area Old Condensate Equipment: August 26, 2015

Photo 70: Basin D Outlet Channel: July 22, 2015

Photo 71: Basin D Outlet Channel: July 22, 2015

Photo 72: Site County Top Deck: August 11, 2015

Photo 73: Site County Top Deck: August 11, 2015

Photo 74: Site County Top Deck: August 11, 2015

Photo 75: Site County Top Deck: August 11, 2015

Photo 76: Site County Top Deck: August 11, 2015

Photo 77: Site County Top Deck: August 11, 2015

Photo 78: Site County Top Deck: August 11, 2015

Photo 79: Site County and City Top Decks: August 11, 2015

Photo 80: Site County and City Top Decks: August 11, 2015

Photo 81: Site County and City Top Decks: August 11, 2015

Photo 82: Site County and City Top Decks: August 11, 2015

Photo 83: County Top Deck: August 26, 2015

Photo 84: County Top Deck: August 26, 2015

Photo 85: County Top Deck: August 26, 2015

Photo 86: County Top Deck: August 26, 2015

Photo 87: County Top Deck: August 26, 2015

Photo 88: County Top Deck: August 26, 2015

Photo 89: County Top Deck: August 26, 2015

Photo 90: County Top Deck: August 26, 2015

Photo 91: County Top Deck: August 26, 2015

Photo 92: County Top Deck: August 26, 2015

Photo 93: County Top Deck: August 26, 2015

Photo 94: County Top Deck: August 26, 2015

Photo 95: County Top Deck: August 26, 2015

Photo 96: County Top Deck: August 26, 2015

Photo 97: County Top Deck: August 26, 2015

Photo 98: County Top Deck: August 26, 2015

Photo 99: County Top Deck: August 26, 2015

Photo 100: County Top Deck: September 23, 2015

Photo 101: County Top Deck: September 23, 2015

Photo 102: County Top Deck: September 23, 2015

Photo 103: County Top Deck: September 23, 2015

Photo 104: County Top Deck: September 23, 2015

Photo 105: County Top Deck: September 23, 2015

Photo 106: County Top Deck Low Point Ponding: September 23, 2015

Photo 107: County Top Deck Low Point Ponding: September 23, 2015

Photo 108: County Top Deck Low Point Ponding: September 23, 2015

Photo 109: County Top Deck Low Point Ponding: September 23, 2015

Photo 110: County Top Deck Low Point Ponding: September 23, 2015

Photo 111: County Top Deck Low Point Ponding: September 23, 2015

Photo 112: County Top Deck Low Point Ponding: September 23, 2015

Photo 113: County Top Deck Low Point Ponding: September 23, 2015

Photo 114: County Top Deck: September 23, 2015

Photo 115: County Top Deck: September 23, 2015

Photo 116: County Top Deck: September 23, 2015

Photo 117: County Top Deck: September 23, 2015

Photo 118: County Top Deck: September 23, 2015

Photo 119: County Top Deck: September 23, 2015

Photo 120: County Top Deck: September 23, 2015

Photo 121: Cigarette Butts at Flare 9 and 10 Control Panel: September 23, 2015

Photo 122: Cigarette Butts at Flare 9 and 10 Control Panel: September 23, 2015

Photo 123: Photo 65 Hydraulic Oil Leak on Gas to Plant Shutoff Valve: August 26, 2015

Photo 124: Drainage Channel Below Flare 9 and 10: September 23, 2015

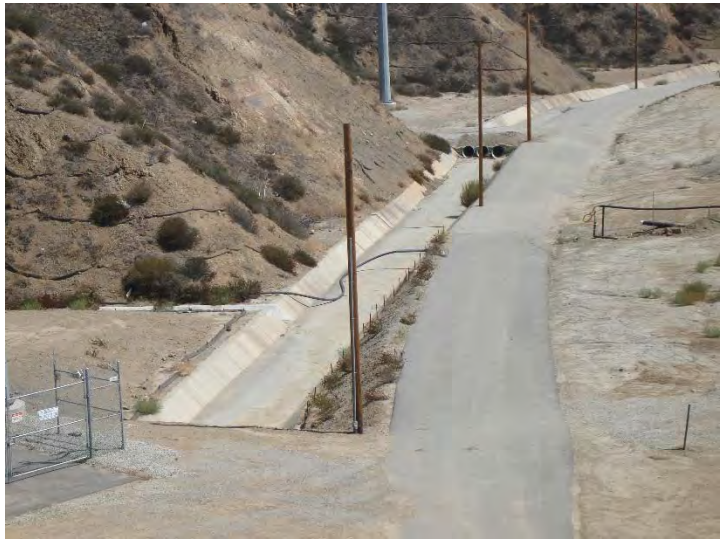


Photo 125: Eastside Drainage Channel: September 23, 2015

Photo 126: Basin B: July 22, 2015

Photo 127: Basin B: July 22, 2015

Photo 128: Basin B: July 22, 2015

Photo 129: Basin B Native Hillside: July 22, 2015

Photo 130: Basin B Native Hillside: July 22, 2015

Photo 131: Basin B Native Hillside: July 22, 2015

Photo 132: Basin B: August 11, 2015

Photo 133: Basin B: August 11, 2015

Photo 134: Basin B: August 11, 2015

Photo 135: Basin B Native Hillside: August 11, 2015

Photo 136: Basin B Native Hillside: August 11, 2015

Photo 137: Basin B Native Hillside: August 11, 2015

Photo 138: Basin B Native Hillside: August 11, 2015

Photo 139: Basin B: September 23, 2015

Photo 140: Basin B: September 23, 2015

Photo 141: Basin B Native Hillside: September 23, 2015

Photo 142: Basin B Native Hillside: September 23, 2015

Photo 143: Basin B Native Hillside: September 23, 2015

Photo 144: Basin B Outlet Eastside Channel: September 23, 2015

Photo 145: Basin B Outlet Eastside Channel: September 23, 2015

Photo 146: Basin B Outlet Eastside Channel: September 23, 2015

Photo 147: Terminal Basin: July 22, 2015

Photo 148: Terminal Basin: July 22, 2015

Photo 149: Terminal Basin: August 26, 2015

Photo 150: Terminal Basin: August 26, 2015

Photo 151: Terminal Basin: August 26, 2015

Photo 152: Terminal Basin: August 26, 2015

Photo 153: Terminal Basin: August 26, 2015

Photo 154: Terminal Basin: August 26, 2015

Photo 155: Terminal Basin: August 26, 2015

Photo 156: Terminal Basin: August 26, 2015

Photo 157: Terminal Basin: August 26, 2015

Photo 158: Terminal Basin: August 26, 2015

Photo 159: Terminal Basin: September 23, 2015

Photo 160: Terminal Basin: September 23, 2015

Photo 161: Terminal Basin: September 23, 2015

Photo 162: Terminal Basin: September 23, 2015

Photo 163: Terminal Basin: September 23, 2015

Photo 164: Terminal Basin: September 23, 2015

Photo 165: Terminal Basin: September 23, 2015

Photo 166: Terminal Basin: September 23, 2015

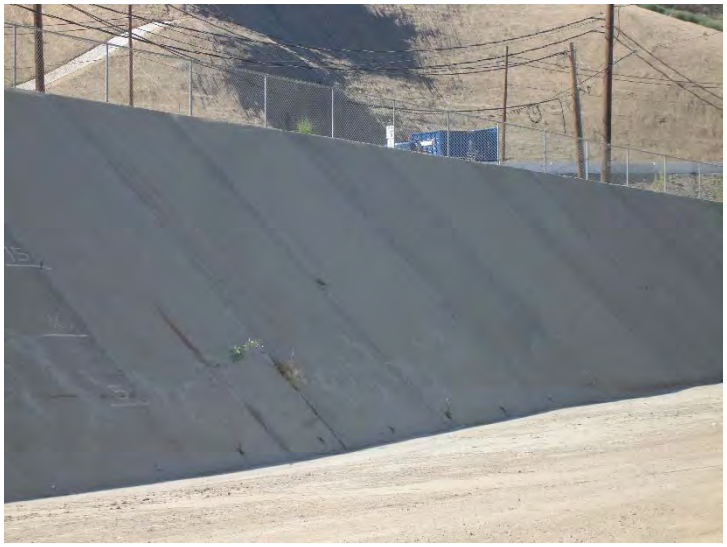


Photo 167: Terminal Basin: September 23, 2015

Photo 168: Access Road Realignment: July 22, 2015

Photo 169: Access Road Realignment: July 22, 2015

Photo 170: Access Road Realignment: July 22, 2015

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Photo 172: Access Road Realignment: July 22, 2015

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Photo 186: Access Road Realignment: July 22, 2015

Photo 187: Access Road Realignment: July 22, 2015

Photo 188: Access Road Realignment: July 22, 2015

Photo 189: Access Road Realignment: July 22, 2015

Photo 190: Access Road Drainage: August 11, 2015

Photo 191: Access Road Drainage: August 11, 2015

Photo 192: Access Road Drainage: August 11, 2015

Photo 193: Access Road Drainage: August 11, 2015

Photo 194: Access Road Drainage: August 11, 2015

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Photo 198: Access Road Drainage: August 11, 2015

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Photo 200: Access Road Drainage: August 11, 2015

Photo 201: Access Road Drainage: August 11, 2015

Photo 202: Access Road Drainage: August 11, 2015

Photo 203: Access Road Drainage: August 11, 2015

Photo 204: 100 Acre Buffer: August 11, 2015

Photo 205: Access Road Drainage: August 11, 2015

Photo 206: 100 Acre Buffer: August 11, 2015

Photo 207: Access Road Drainage: August 11, 2015

Photo 208: Access Road Drainage: August 11, 2015

Photo 209: Access Road Drainage: August 11, 2015

Photo 210: Access Road Drainage: August 11, 2015

Photo 211: Access Road Drainage to Terminal Basin: August 26, 2015

Photo 212: Access Road Drainage to Terminal Basin: August 26, 2015

Photo 213: Access Road Drainage to Terminal Basin: August 26, 2015

Photo 214: Construction Low Point Drain to Terminal Basin: August 26, 2015

Photo 215: Construction Low Point Drain to Terminal Basin: August 26, 2015

Photo 216: Construction Low Point Drain to Terminal Basin: August 26, 2015

Photo 217: Access Road Drainage to Terminal Basin: September 23, 2015

Photo 218: Access Road Drainage to Terminal Basin: September 23, 2015

Photo 219: Access Road Drainage to Terminal Basin: September 23, 2015

Photo 220: Access Road Drainage to Terminal Basin: September 23, 2015

Photo 221: Water Inlet to Terminal Basin: September 23, 2015

Photo 222: Cell CC3B Area: July 22, 2015

Photo 223: Cell CC3B Area: July 22, 2015

Photo 224: Cell CC3B Area: July 22, 2015

Photo 225: Cell CC3B Area: July 22, 2015

Photo 226: Cell CC3B Area: July 22, 2015

Photo 227: Cell CC3B Area: July 22, 2015

Photo 228: Cell CC3B Area: July 22, 2015

Photo 229: Cell CC3B Area: July 22, 2015

Photo 230: Cell CC3B Area: July 22, 2015

Photo 231: City Cell CC3B Construction: August 26, 2015

Photo 232: City Cell CC3B Construction: August 26, 2015

Photo 233: City Cell CC3B Construction: August 26, 2015

Photo 234: City Cell CC3B Construction: August 26, 2015

Photo 235: City Cell CC3B Construction: August 26, 2015

Photo 236: City Cell CC3B Construction: August 26, 2015

Photo 237: City Cell CC3B Construction: August 26, 2015

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Photo 239: City Cell CC3B Construction: August 26, 2015

Photo 240: City Cell CC3B Construction: August 26, 2015

Photo 241: City Cell CC3B Construction: August 26, 2015

Photo 242: City Cell CC3B Construction: August 26, 2015

Photo 243: City Cell CC3B Temporary Basin Construction: August 26, 2015

Photo 244: City Cell CC3B Temporary Basin Construction: August 26, 2015

Photo 245: City Cell CC3B Temporary Basin Construction: August 26, 2015

Photo 246: City Cell CC3B Temporary Basin Construction: August 26, 2015

Photo 247: City Cell CC3B Temporary Basin Construction: August 26, 2015

Photo 248: City Cell CC3B Construction: September 23, 2015

Photo 249: City Cell CC3B Construction: September 23, 2015

Photo 250: City Cell CC3B Construction: September 23, 2015

Photo 251: City Cell CC3B Construction: September 23, 2015

Photo 252: City Cell CC3B Construction: September 23, 2015

Photo 253: City Cell CC3B Construction: September 23, 2015

Photo 254: City Cell CC3B Construction: September 23, 2015

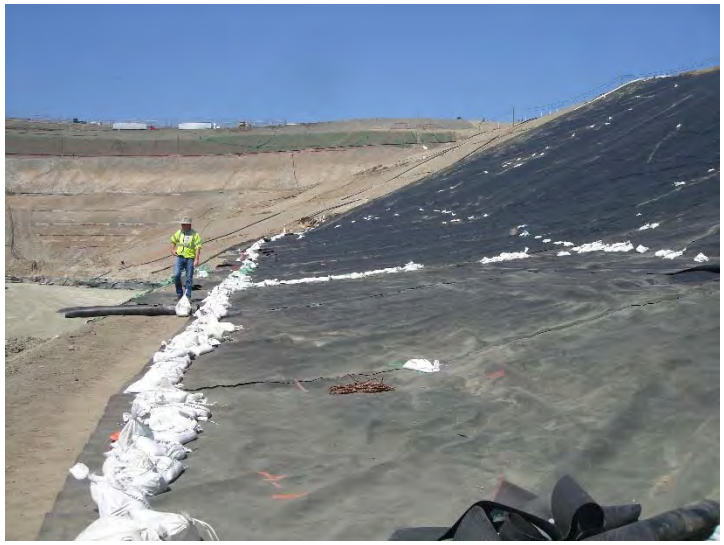

Photo 255: City Cell CC3B Construction: September 23, 2015

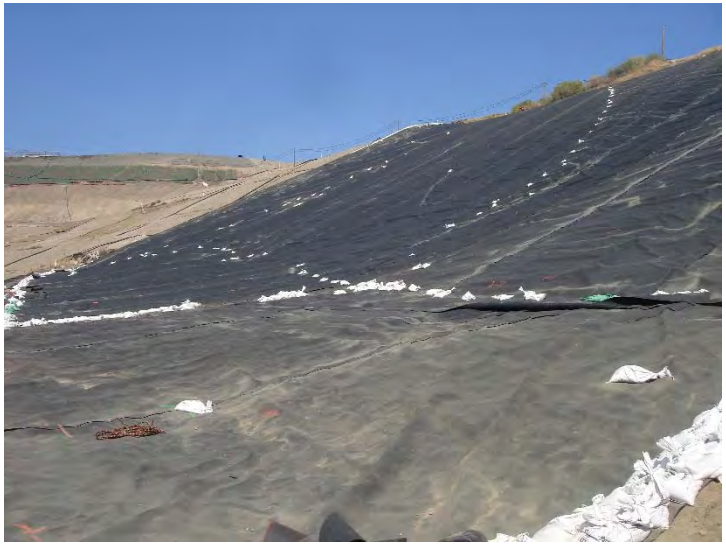

Photo 256: City Cell CC3B Construction: September 23, 2015

Photo 257: City Cell CC3B Construction: September 23, 2015

Photo 258: City Cell CC3B Construction: September 23, 2015

Photo 259: City Cell CC3B Construction: September 23, 2015

Photo 260: City Cell CC3B Construction: September 23, 2015

Photo 261: City Cell CC3B Construction: September 23, 2015

Photo 262: City Cell CC3B Construction: September 23, 2015

Photo 263: City Cell CC3B Construction: September 23, 2015

Photo 264: Water Pumped to Terminal Basin: September 23,, 2015

Photo 265: Water Inlet to Terminal Basin: September 23,, 2015

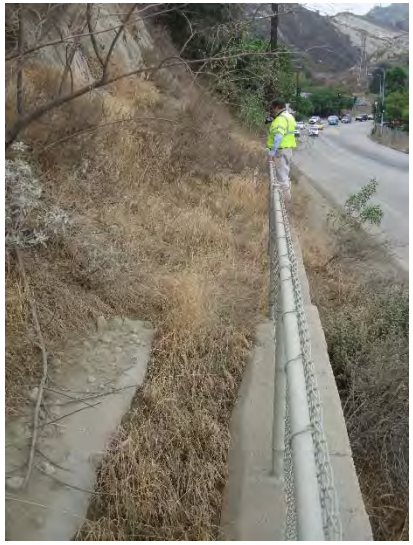

Photo 266: Retaining Wall on San Fernando Road Frontage: July 22, 2015

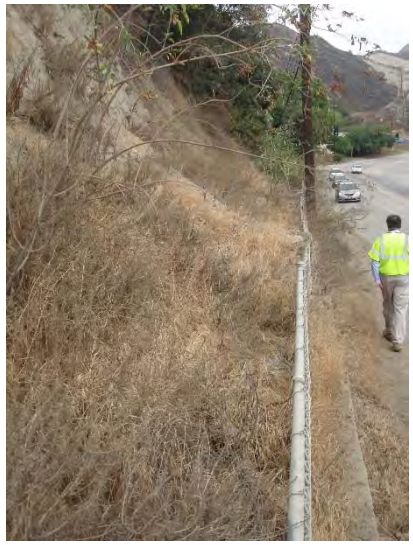

Photo 267: Retaining Wall on San Fernando Road Frontage: July 22, 2015

Photo 268: Retaining Wall on San Fernando Road Frontage: July 22, 2015

Photo 269: Retaining Wall on San Fernando Road Frontage: July 22, 2015

Photo 270: Retaining Wall on San Fernando Road Frontage: July 22, 2015

Photo 271: Retaining Wall on San Fernando Road Frontage: July 22, 2015

Photo 272: Retaining Wall on San Fernando Road Frontage: July 22, 2015

Photo 273: Condensate Sewer Connection Site: August 11, 2015

Photo 274: Condensate Sewer Connection Site: August 11, 2015

Photo 275: Condensate Sewer Connection Site: August 11, 2015

Photo 276: Condensate Sewer Connection Site: August 11, 2015

Photo 277: Condensate Sewer Connection Site: August 11, 2015

Photo 278: Condensate Sewer Connection Site: August 11, 2015

Photo 279: Site Sewer Connection Area: September 23, 2015

Photo 280: Site Sewer Connection Area: September 23, 2015

Photo 281: Exit Road Curb Encroachment: August 11, 2015

Photo 282: Exit Road Curb Encroachment: August 11, 2015

Photo 283: Exit Road Curb Encroachment: August 11, 2015

Photo 284: Site Exit: September 23, 2015

Photo 285: 100 Acre Buffer: August 11, 2015

Photo 286: 100 Acre Buffer: August 11, 2015

Photo 287: 100 Acre Buffer: August 11, 2015

Photo 288: Locked Oil Field Access Gate: August 11, 2015

Photo 289: Locked Oil Field Access Gate: August 11, 2015

Photo 290: Oil Field Locked Access Gate: September 23, 2015

Photo 291: Oil Field Locked Access Gate: September 23, 2015

Photo 292: City Sage Mitigation Deck C: July 22, 2015

Photo 293: City Sage Mitigation Deck C: July 22, 2015

Photo 294: City Sage Mitigation Deck C: July 22, 2015

Photo 295: City Sage Mitigation Deck C: July 22, 2015

Photo 296: City Sage Mitigation Deck C: July 22, 2015

Photo 297: City Berm PM-10 Oaks: July 22, 2015

Photo 298: City Berm PM-10 Oaks: July 22, 2015

Photo 299: City Berm PM-10 Oaks: July 22, 2015

Photo 300: City Berm PM-10 Oaks: July 22, 2015

Photo 301: City Berm PM-10 Oaks: July 22, 2015

Photo 302: City Berm PM-10 Oaks: July 22, 2015

Photo 303: City Berm PM-10 Oaks: July 22, 2015

Photo 304: Secondary Access Road: July 22, 2015

Photo 305: Secondary Access Road: July 22, 2015

Photo 306: Secondary Access Road: July 22, 2015

Photo 307: Secondary Access Road: July 22, 2015

Photo 308: Secondary Access Road: July 22, 2015

Photo 309: Secondary Access Road: July 22, 2015

Photo 310: City Deck C: August 26, 2015

Photo 311: City Deck C: August 26, 2015

Photo 312: City Deck C: August 26, 2015

Photo 313: City Deck C: August 26, 2015

Photo 314: City Deck C: August 26, 2015

Photo 315: City Deck C: August 26, 2015

Photo 316: City Deck C: August 26, 2015

Photo 317: City Deck C: August 26, 2015

Photo 318: City Deck C: August 26, 2015

Photo 319: City Sage Mitigation Deck C: September 23, 2015

Photo 320: City Sage Mitigation Deck C: September 23, 2015

Photo 321: City Sage Mitigation Deck C: September 23, 2015

Photo 322: City Sage Mitigation Deck C: September 23, 2015

Photo 323: City Deck B: September 23, 2015

Photo 324: City Deck B: September 23, 2015

Photo 325: City Deck B: September 23, 2015

Photo 326: City Deck B: September 23, 2015

Photo 327: New City South Water Tank: July 22, 2015

Photo 328: New City South Water Tank: July 22, 2015

Photo 329: New City South Water Tank: July 22, 2015

Photo 330: New City South Water Tank: July 22, 2015

Photo 331: New Water Tank Site: August 26, 2015

Photo 332: Loose Soils at New Water Tank Site: August 26, 2015

Photo 333: Loose Soils at New Water Tank Site: August 26, 2015

Photo 334: Loose Soils at New Water Tank Site: August 26, 2015

Photo 335: Loose Soils at New Water Tank Site: August 26, 2015

Photo 336: Loose Soils at New Water Tank Site: August 26, 2015

Photo 337: City Deck A: September 23, 2015

Photo 338: City Deck A: September 23, 2015

Photo 339: City Deck A: September 23, 2015

Photo 340: Edison New Powerline Site: July 11, 2015

Photo 341: Edison Protected Nesting Area: July 11, 2015

Photo 342: Edison Protected Nesting Area: July 11, 2015

Photo 343: Access Road Drainage to Terminal Basin: July 11, 2015

Photo 344: Edison Protected Nesting Area: July 11, 2015

Photo 345: Westside Grading: July 22, 2015

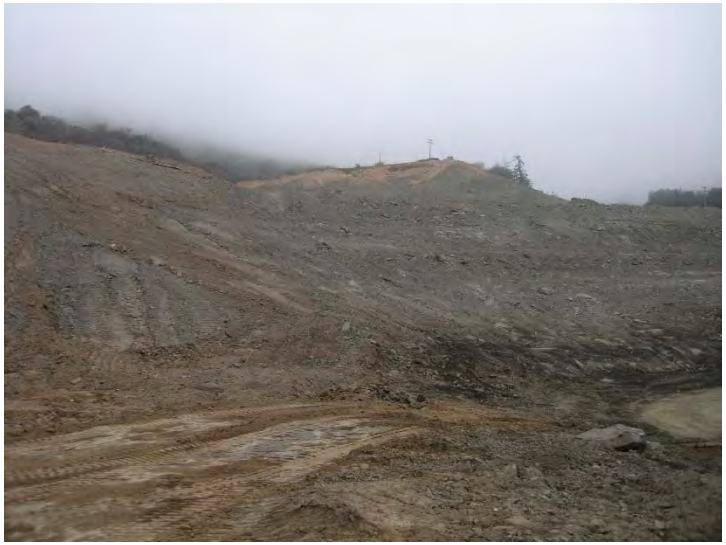

Photo 346: Westside Grading: July 22, 2015

Photo 347: Westside Grading: July 22, 2015

Photo 348: Westside Grading: July 22, 2015

Photo 349: Westside Grading: July 22, 2015

Photo 350: Flare 3: July 22, 2015

Photo 351: Flare 3: July 22, 2015

Photo 352: Prior Downed Powerline Fire Site: July 22, 2015

Photo 353: Prior Downed Powerline Fire Site: July 22, 2015

Photo 354: Prior Downed Powerline Fire Site: July 22, 2015

Photo 355: Prior Downed Powerline Fire Site: July 22, 2015

Photo 356: City Top Deck: July 22, 2015

Photo 357: Old City North Top Deck: July 22, 2015

Photo 358: Old City North Top Deck: July 22, 2015

Photo 359: Old City North Top Deck: July 22, 2015

Photo 360: Old City North Top Deck: July 22, 2015

Photo 361: Old City North Top Deck: July 22, 2015

Photo 362: Old City North Top Deck: July 22, 2015

Photo 363: Old City North Top Deck: July 22, 2015

Photo 364: Old City North Top Deck: July 22, 2015

Photo 365: City Top Deck: September 23, 2015

Photo 366: City Top Deck: September 23, 2015

Photo 367: City Top Deck: September 23, 2015

Photo 368: City Top Deck: September 23, 2015

Photo 369: City Top Deck: September 23, 2015

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Photo 375: City Top Deck: September 23, 2015

Photo 376: City Top Deck: September 23, 2015

Photo 377: City Top Deck: September 23, 2015

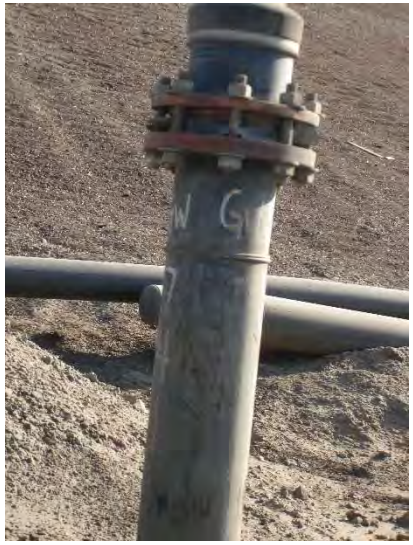

Photo 378: Condensate on Road near Gas Well: August 26, 2015

Photo 379: Condensate on Road near Gas Well: August 26, 2015

Photo 380: Condensate on Road near Gas Well: August 26, 2015

Photo 381: City Slope with no Erosion Control: August 26, 2015

Photo 382: City Slope with no Erosion Control: August 26, 2015

Photo 383: City Slope with no Erosion Control: August 26, 2015

Photo 384: City Slope with no Erosion Control: August 26, 2015

Photo 385: City Slope with no Erosion Control: August 26, 2015

Photo 386: Hydraulic Oil Leak on Gas to Plant Shutoff Valve: August 26, 2015

Photo 387: Greenwaste Odor Source: July 22, 2015

Photo 388: Greenwaste Odor Source: July 22, 2015

Photo 389: Greenwaste Odor Source: August 26, 2015

Photo 390: Greenwaste Odor Source: August 26, 2015

Photo 391: Greenwaste Odor Source: September 23, 2015

Photo 392: Oil Field Locked Access Gate: September 23, 2015

Photo 393: Sierra Highway Near I-14 Overpass: July 22, 2015

Photo 394: Sierra Highway Near I-14 Overpass: July 22, 2015

Photo 395: Sierra Highway Near I-14 Overpass: July 22, 2015

Photo 396: Sierra Highway Near I-14 Overpass: July 22, 2015

Photo 397: Sierra Highway Near I-14 Overpass: July 22, 2015

Photo 398: Sierra Highway Near I-14 Overpass: July 22, 2015

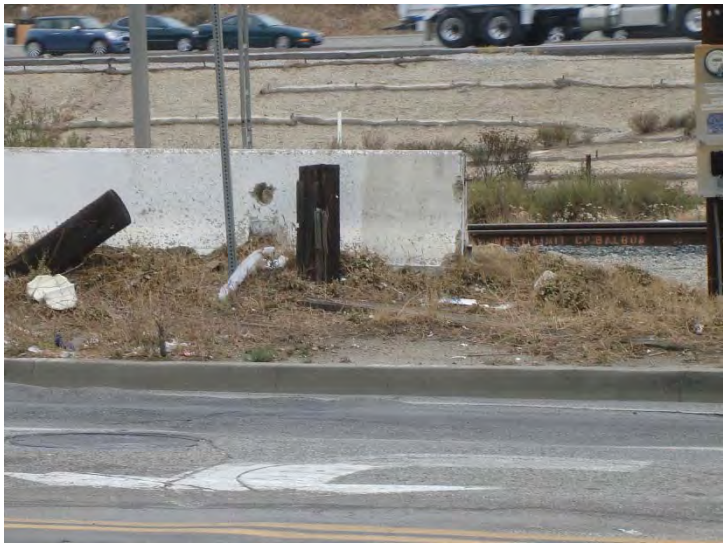

Photo 399: San Fernando Road Near Balboa: July 22, 2015

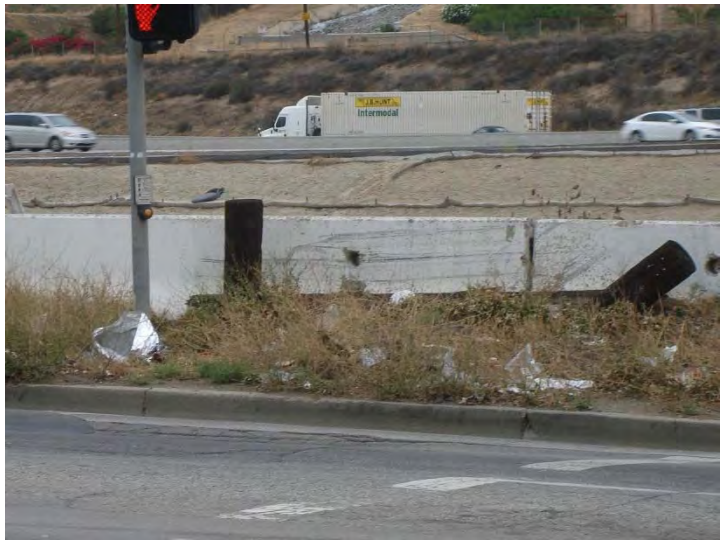

Photo 400: San Fernando Road Near Balboa: July 22, 2015

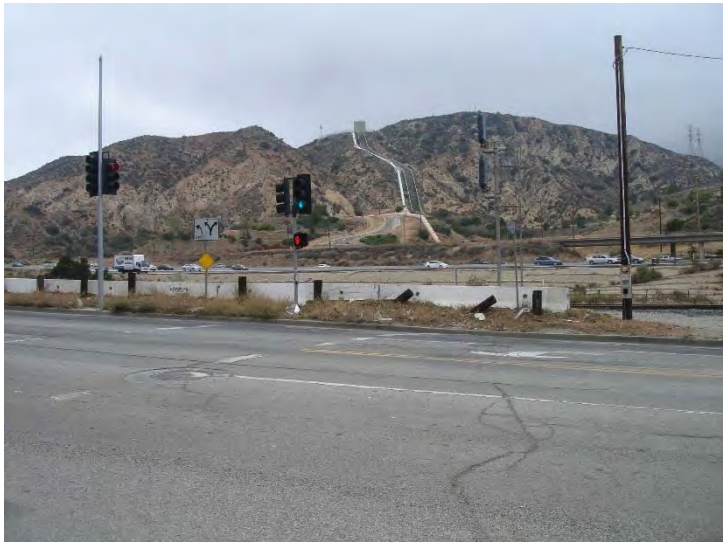

Photo 401: San Fernando Road Near Balboa: July 22, 2015

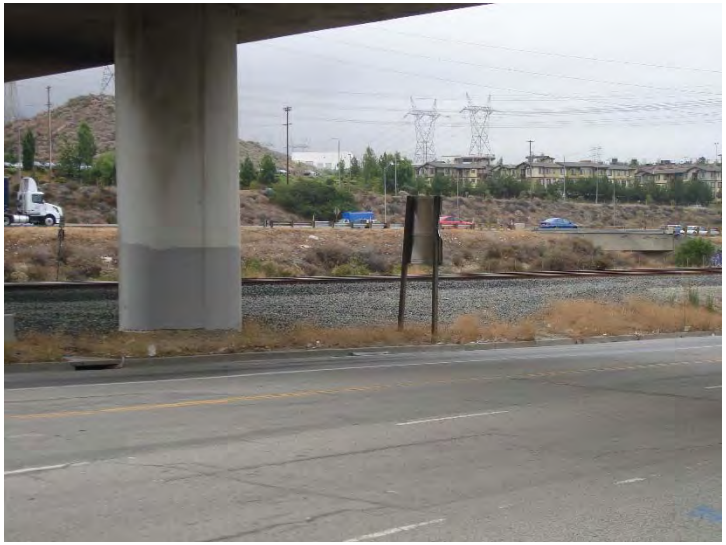

Photo 402: San Fernando Road Near Balboa: July 22, 2015

Photo 403: San Fernando Road Near Balboa: July 22, 2015

Photo 404: San Fernando Road Near Balboa: July 22, 2015

Photo 405: San Fernando Road Near Balboa: July 22, 2015

Photo 406: San Fernando Road Near Balboa: July 22, 2015

Photo 407: San Fernando Road Highway Near I-5 Overpass: July 22, 2015

Photo 408: San Fernando Road Highway Near I-5 Overpass: July 22, 2015

Photo 409: San Fernando Road Highway Near I-5 Overpass: August 11, 2015

Photo 410: San Fernando Road Highway Near I-5 Overpass: August 11, 2015

Photo 411: San Fernando Road Highway Near I-5 Overpass: August 11, 2015

Photo 412: San Fernando Road Highway Near I-5 Overpass: August 11, 2015

Photo 413: San Fernando Road Highway Near I-5 Overpass: August 11, 2015

Photo 414: San Fernando Road Highway Near I-5 Overpass: August 11, 2015

Photo 415: San Fernando Road Highway Near I-5 Overpass: August 11, 2015

Photo 416: Site Working Area: July 22, 2015

Photo 417: Site Working Area: July 22, 2015

Photo 418: Site Working Area: July 22, 2015

Photo 419: Site Working Area: July 22, 2015

Photo 420: Site Working Area: July 22, 2015

Photo 421: Site Working Area: July 22, 2015

Photo 422: Site Working Area: July 22, 2015

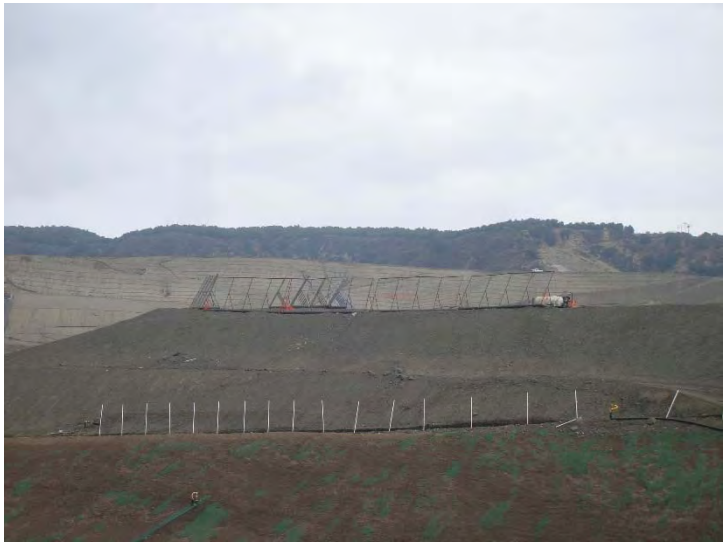

Photo 423: Site Working Area: July 22, 2015

Photo 424: Site Working Area: July 22, 2015

Photo 425: Site Working Area: July 22, 2015

Photo 426: Site Working Area 7-8 am: August 11, 2015

Photo 427: Site Working Area 7-8 am: August 11, 2015

Photo 428: Site Working Area 7-8 am: August 11, 2015

Photo 429: Site Working Area 7-8 am: August 11, 2015

Photo 430: Site Working Area 7-8 am: August 11, 2015

Photo 431: Site Working Area 7-8 am: August 11, 2015

Photo 432: Site Working Area 7-8 am: August 11, 2015

Photo 433: Site Working Area 7-8 am: August 11, 2015

Photo 434: Site Working Area 7-8 am: August 11, 2015

Photo 435: Site Working Area 11 am-12 pm: August 11, 2015

Photo 436: Working Area 11 am-12 pm: August 11, 2015

Photo 437: Working Area 11 am-12 pm: August 11, 2015

Photo 438: Working Area 11 am-12 pm: August 11, 2015

Photo 439: Working Area 11 am-12 pm: August 11, 2015

Photo 440: Working Area 2 pm: August 11, 2015

Photo 441: Site Working Area 2 pm: August 11, 2015

Photo 442: Site Working Area 2 pm: August 11, 2015

Photo 443: Site Working Area: August 26, 2015

Photo 444: Site Working Area: August 26, 2015

Photo 445: Site Working Area: August 26, 2015

Photo 446: Site Working Area: August 26, 2015

Photo 447: Site Working Area: August 26, 2015

Photo 448: Site Working Area: August 26, 2015

Photo 449: Site Working Area: August 26, 2015

Photo 450: Site Working Area: September 23, 2015

Photo 451: Site Working Area: September 23, 2015

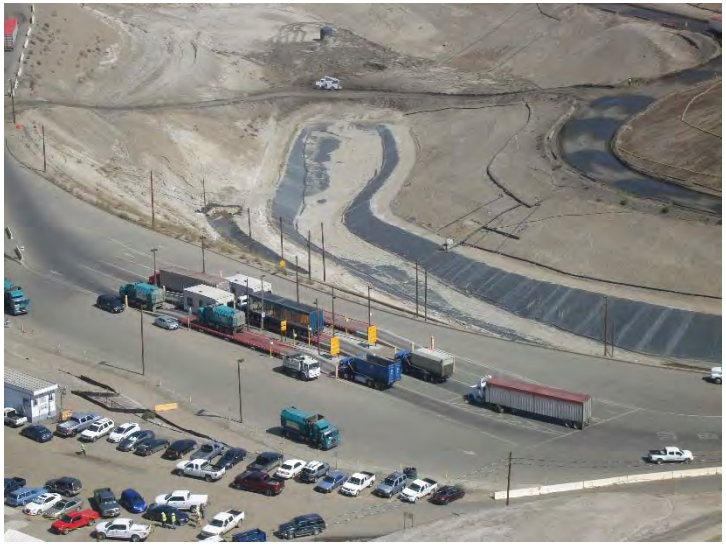

Photo 452: Site Working Area: September 23, 2015

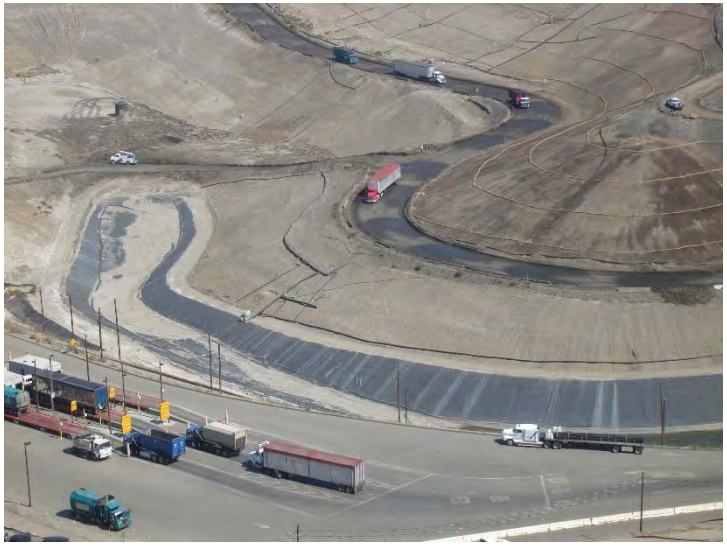

Photo 453: Site Working Area: September 23, 2015

Photo 454: Site Working Area: September 23, 2015

Photo 455: Site Working Area: September 23, 2015

Photo 456: Site Working Area: September 23, 2015

Photo 457: Site Working Area: September 23, 2015

Photo 458: Site: July 22, 2015

Photo 459: Site: July 22, 2015

Photo 460: Site: July 22, 2015

Photo 461: Site: July 22, 2015

Photo 462: Site: August 11, 2015

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Photo 475: Site: August 26, 2015

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Photo 493: Site: August 26, 2015

Photo 494: Site: September 23, 2015

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Photo 497: Site: September 23, 2015

Photo 498: Site: September 23, 2015

Photo 499: Site: September 23, 2015

Appendix III

Third Quarterly Site Visits: Site Visit Attendees by Date of Site Visit/ Mitigation Monitoring Site Reports

UltraSystems Staff	**Fields of Expertise:**
James Aidukas	Project Manager, Permitting and Operations/ Engineer
Mike Lindsay	Air Quality, Noise, Vehicle Emissions, Environmental Specialist/ Engineer
Wayne Wu	Air Quality, Noise, Hydrology, Hazardous Waste/ Engineer

SLR Staff	**Fields of Expertise:**
Tarik Hadj-Hamou	Civil – Geotechnical & Hydrology/ Engineer

July Site Visits

July 22, 2015:

James Aidukas (UltraSystems)

Mike Lindsay (UltraSystems)

Tarik Hadj-Hamou (SLR)

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 7/22/15
Site Conditions: Sunny, 70˚ F	

SITE LOG

Republic Site Manager - Rob Sherman

Signed in at the office. Observed the working face, truck scale operations, and relocated office trailers and potable water system. Noted that the office trailers did not have vented skirts. Met with Rob Sherman and had a brief conversation concerning the solid trailer skirts and lack of air circulation under the trailers. He stated that he would follow up on it with his staff. Met with Mike Lindsay (UltraSystems) and Tarik Hadj-Hamou and proceeded to the landfill site and observed the following:

- Noted Edison electric service pole staging area north of the new office site. Directly west of this area was a new Edison pole installation.
- The area north of the new office site was being excavated along with a portion of the previous office site for the installation of future landfill liner and drainage conveyance systems.
- Two old oil well casings were observed in the area north of the new office site. These well casings could not be checked for methane. The area around the casings showed a slight presence of methane. These well casings will need to be lowered and re-abandoned as required by the California Department of Oil, Gas, and Geothermal Resources (DOGGR.)
- Observed the realigned access road. The road was finished and asphalted. The downhill slopes had two areas that were washed away from the recent rain storm. The drainage conveyance piping was not installed on an approximately 36" corrugated HDPE drain line and two 36" box concrete drains. The slope near the corrugated pipe was being repaired.
- Ponding of rainwater was observed below the new re-aligned road. This unimproved channel did not drain into the terminal basin. Positive divergence and drainage needs to be established before fall 2015 rains start.
- Drove the adjacent Granada Hills neighborhood and did not detect any landfill odors.
- Drove to 11780 Lucher Avenue and did detect greenwaste odors coming from the C&D Recycling facility. The greenwaste odor could be what is periodically smelled on the 405 freeway.
- Wind-blown litter was observed along the railroad side of San Fernando Road. Republic staff stated that the Metro staff directed them not to clean that side of the road due to safety issues with rail tracks.
- Illegal dumping was observed on San Fernando Road south of the I-5 overpass. This area is outside of Republic's designated clean-up area. The LEA was notified.
- Illegal dumping and litter was observed on Sierra Highway on the way to the I-14 overpass.
- The block wall hillside retaining wall along the San Fernando Road south frontage has soil and debris on top of the wall. The top drainage is blocked and the fence is nearly being topped with debris in several areas. This retaining wall was not designed for this type of loading. The two-foot wide walkway in front of the wall is piled with soil.
- The working face was observed to be a single, small compact area. Two Dust Boss misters were being used to control waste working face and tipping odors.
- Deck C sage mitigation area was doing well with summer dry conditions observed.
- The Deck C oil field access road had deep ruts in a small section that would make it not usable for a passenger vehicle as an emergency access road.

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- Flare 1 site had the emergency fire blanket metal case lying on the ground.
- A new 263,672 gallon water storage tank was observed on the City South Deck A. The tank appeared not to be in service.
- The prior fire area near Flare 3 was observed. There was no change in the condition of the cracked Edison wood poles.
- The construction of the new Edison high tension structures was still on hold due to the nesting birds in the native vegetation.
- The Basin A native hillside had no windblown litter. There was standing water near the outlet risers.
- The westside drainage channel still had the floor slabs uplifting and water infiltration behind the sidewalls. Repairs are not scheduled until 2016. Minor temporary repairs may be needed to withstand a wet winter.
- The decommissioned condensate treatment equipment was observed in the material storage area and was odorous. Cleaning should be done on the equipment to mitigate the odors.
- The Basin B native hillsides had windblown litter. The basin had sediment piled for removal. There was standing water near the outlet risers.
- The Old North City Landfill deck was being used for soil stockpiling and liner material storage. Equipment was being parked with no oil drip pans.
- The Terminal Basin was nearly cleaned of sediment.
- The exit lane, at the landfill's San Fernando Road gate for the re-aligned access road, had a curb that forced trucks to either run over it or veer left toward oncoming traffic. This curb should be looked at for removal.

Flare Operating Conditions:

- Flare 1 - 1702˚F, 2270 SCFM, -55 H_2O vacuum
- Flare 3 - shut down
- Flare 9 - shut down
- Flare 10 - 1653˚F, 4250 SCFM, -61" H_2O vacuum, 36.47 H_2O outlet; three blowers running, 47.1% CH_4

The gas-to-energy plant had one turbine shut down for air intake filter cleaning and replacement of a gas feed check valve.

- 6250 SCFM, 47.1% methane, 13.4 megawatts sold.

FURTHER REVIEW NEEDED

COMMENTS

Signed: 

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING
SITE REPORT

Monitor: **Mike Lindsay**	Page 1 of 3
Discipline: Environmental Engineer	Date: 07-22-15 Wed.
Site Conditions: Cloudy, 61-81 °F, 5-15 mph	

SITE LOG

1. Met with Jim Aidukas and Tarik Hadj-Hamou (Ultra Systems), and checked into office and with Rob Sherman (Republic).
2. Admin office facility has been moved to new location above scale house to accomodate landfill development.
3. Drove through adjacent neighborhood and detected no landfill odors.
4. Gas odorization facility by landfill entrance is in good order.
5. Retaining wall at landfill entrance has soil piled against it, including against the chainlink fence mounted on top of the wall.
6. Sierra Highway has debris along roadway within the 1.5-mile buffer from landfill perimiter.
7. Met with Patti Casta (Republic) and discussed adding vents to underside of new Admin buildings for landfill gas migration.
8. Observed working face with flippers and bird abatement.
9. City Deck C sage mitigation area is growing well, with sage and understory vegetation expanding.
10. Flare 7 is operating at 2228 SCFM, 1695 °F; gas sample measured at 34 %Vol. CH4, 1.1 %Vol. O2, 82 ppm H2S, 40 ppm CO; inlet temperature is at 1200F.
11. Observed overall landfill operations from observation deck, including excavation work by Sediment Basin A and watering throughout.

FURTHER REVIEW NEEDED

1. Remove soil from behind retaining wall by landfill entrance.
2. Remove debris along Sierra Highway.

Project Number: 5800 Signed: Mike Lindsay

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING
SITE REPORT

Monitor: **Mike Lindsay**	Page 2 of 3
Discipline: Environmental Engineer	Date: 07-22-15 Wed.
Site Conditions:	

SITE LOG

12. Flare 3 is offline.
13. Sediment Basin A is clear of sediment, with standing water around drain pipes.
14. Westside Drainage has cracks and uplifting concrete at known locations.
15. BAS pipe storage yard is in good order.
16. Condensate odors are coming from decommissioned condensate tanks at storage yard.
17. Sediment Basin D is in good condition.
18. North Drainage for Sediment Basin D has piles of vegetation blocking V-ditch and culverts.
19. Flare 9 is offline.
20. Flare 10 is operating at 4230 SCFM, 1635 °F; gas sample measured at 46 %Vol. CH4, 1.7 %Vol. O2, 79 ppm H2S, 453 ppm CO, with blowers #1, 2 and 4 operating.
21. Gas-to-Energy plant has one unit offline due to dust/main terminoe and a check valve replacement.
22. Sediment Basin B has a pile of soil ready for removal, with standing water by drain pipes.
23. Wind-blown trash has collected at back slopes of Sediment Basin B.
24. Terminal Sediment Basin is in good order.
25. City North Deck is being used to store heavy equipment, all of which had no oil drip pans in place.
26. New Bypass Access Road pavement measured an 8 percent grade heading down to San Fernando Road (200 feet from S.F. Rd.).

FURTHER REVIEW NEEDED

3. Repair westside Drainage concrete.
4. Prevent odors from condensate tanks stored at storage yard.
5. Clear North Drainage of vegetation.
6. Remove wind-blown trash from slopes behind Sediment Basin B.
7. Use oil drip pans underneath heavy equipment when stored.

Project Number: 5800 Signed: Mike Lindsay

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING
SITE REPORT

Monitor: **Mike Lindsay**	Page 3 of 3
Discipline: Environmental Engineer	Date: 07-22-15 Wed.
Site Conditions:	

SITE LOG

27. Met with Ricky Dhupar (Republic) and discussed the following topics.
    a. Where is monitoring well 205 RD, the one that has had recent high levels of methane?
       -Ricky stated it is adjacent to storage yard.
    b. There are 8 pieces of heavy equipment stored on the City North Deck with no oil drip pans in place.
       -Ricky will address the contractor.
    c. New Admin buildings have no air vents under raised floors.
       -Ricky will look into getting this done.
    d. Westside Drainage has concrete cracks and is uplifting.
       -Ricky will look into its repair.
    e. Retaining wall by landfill entrance has soil impaction.
       -Ricky will investigate having the wall area cleared.
    f. Condensate odors are coming from decommissioned condensate tanks in storage area.
       -Ricky will investigate a remedy for these odors.
    g. There is debris along Sierra Highway.
       -Ricky will look into removing the debris.
    h. The fire blanket at Flare 1 is on the ground and in poor condition.
       -Ricky will look to replace the fire blanket.

FURTHER REVIEW NEEDED

Project Number: 5800 Signed: Mike Lindsay

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING
SITE REPORT

Monitor: Tarik Hadj-Hamou, Ph.D., P.E.	PAGE 1 OF 2
Discipline: Civil – Geotechnical and Hydrology	Date: July 22, 2015
Site Conditions: Sunny	

SITE LOG

7:00- 7:45 meet with UltraSystems team members Jim Aidukas and Mike Lindsay, sign-up in main office and prepare site visit

7:45 - 2:15 site tour

Observed the following areas: neighborhood for odor and illegally dumped refuse, new access roads, work face, flares 3,8, and 9-10, drainage ditches, and sediment basins.

Access Road

- Damages from the rainstorm were observed at the drainage pipe and box culver. Repair was ongoing at pipe by time we drove by (photo 1)
- It is assumed the damage at box culvert (Photo 2) will also be repaired
- We have not reviewed the fall design, but we assume that a pipe will be connected to the pipe coming off the slope and that a conveyance structure (e.g. slip lined swale) will be installed under the box culvert before the next rain storm if a final concrete structure is not built
- Road is finished and asphalted.

Waste face

- No civil or geotechnical issues noted

Stability issues

- No slope stability issues were noted during the site tour

Flares

- No civil or geotechnical issues noted

Drainage system

- Terminal basin on-going clean-up, some stagnant water noted.
- Conditions of channel on westside between Basin A and Basin D is getting worse
  - Slabs are uplifted more than ever (Photo 3) and the area was flooded
  - This water will infiltrate and exacerbate the problem
  - Downchute does not drain over wall as designed but is separated from wall and water flows behind the wall (Photo 3)

Miscellaneous

- Block wall outside the property along San Fernando Road - Soil and debris have accumulated on top of the wall (Photo 4) and is blocking the drainage channel on top of the wall. The wall was not designed for this extra load and its stability may be impacted. We noted some blocks were slightly off (Photo 5). It may have been constructed this way but we recommend that the debris be removed

FURTHER REVIEW NEEDED

COMMENTS

• We recommend that Republic geotechnical engineer examine the block wall outside the property along San Fernando road • We recommend that the conditions of drainage channel between Basin A and D be addressed before the beginning of the rainy season
Signed: 

Photo 1: Damage repair at drainage pipe under new access road

Photo 2: Damage under box culvert on new access road

Figure 3: Conditions of drainage channel between basin A and D

Photo 4: Debris on top of wall along San Fernando Road

Photo 5: Blocks off alignment on wall along San Fernando Road

August Site Visits

August 11, 2015:

James Aidukas (UltraSystems)

Mike Lindsay (UltraSystems)

Wayne Wu (UltraSystems)

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 8/11/15
Site Conditions: Clear and sunny, 70˚ - 80˚ F	

SITE LOG

Republic Site Manager - Rob Sherman

Signed in at the office.

Observed the working face, and the use of Dust Boss equipment to control odors from the working face. There was a Dust Boss being used along the access road to control a localized gas or liquids odor.

Drove to the oil field and observed three deer roaming in the slopes facing the Granada Hills area. The south oil field access gate was locked. There were no landfill odors detected in the area.

Drove San Fernando Road south and observed illegal dumping of a bed and box spring and wooden debris near the I-5 overpass. Also noted that illegal dumping of rock, rubble, and soil had increased in this area. This area's outside of Republic's clean-up zone.

Met with Mike Lindsay and Wayne Wu (UltraSystems) and Karlo Manolo (LACDPW) and proceeded to monitor the landfill site and observed the following:

- Observed the working face, tippers, and realigned access road. There was a stacking-up of transfer trucks at the working face. Since 7:00 a.m., additional Dust Boss vapor emission equipment was put into operation.
- The westside drainage near Cell CC-3A was clean and had K-rails to divert water, in case of rain, away from the road realignment construction.
- The cattle guard type covered box culvert drainage on the main access road adjacent to Cell CC-3A was in need of cleaning. Trash and soil was building up and partially blocking drainage flow.
- The erosion control test areas of jute and plastic netting on the side slopes of Cell CC-3A were controlling erosion. There was no vegetation growing.
- The exit of the realigned access road onto San Fernando Road had no centerline striping near the gate. Trucks were observed making wide turns into the incoming lanes. Trucks were also seen making tight turns and running over the right side curb. This exit needs to be analyzed and deficiencies corrected.
- The uphill drainage system above the realigned access road was completed and the prior placed jute netting was intact.
- Basin A was clean and had no standing water. The rock around the outlet risers was still plugged with soil. The native hillsides was free of wind-blown litter.
- The westside drainage channel is clean but still is in need of repair. Temporary repairs to stop water infiltration behind the sidewall should be evaluated before next year's rains.
- The condensate treatment system equipment being stored in the Basin D storage area has localized odors 100 feet from the equipment.
- The County and City top decks do not have positive drainage. The areas should be graded to avoid ponding when the rains start.

Page 2 of 2, 8/11/15:

- Basin B was cleaned and had a small pile of soil yet to be removed. The native hillside had minor windblown litter.
- The two old oil well casings south of the old administration building site have not yet been lowered and re-abandoned.
- City Deck C sage mitigation was doing well. Birds were seen in the habitat area.

Flare Operating Conditions:

- Flare 1 - 1689˚F, 1888 SCFM, -54.35" H_2O vacuum
- Flare 3 - shut down
- Flare 9 - shut down
- Flare 10 - 1656˚F, 2514 SCFM, -63" H_2O vacuum, 36.47 H_2O outlet; three blowers running, 46.2% CH_4

The gas-to-energy plant was operating under full load.

- 8250 SCFM, 46.2% methane, 17.2 megawatts sold.

FURTHER REVIEW NEEDED

COMMENTS

Signed:

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT

Monitor: Mike Lindsay	Page: 1 of 1
Discipline: Environmental Engineer	Date: 08-11-2015 Tuesday
Site Conditions: Clear, 61–88 °F, 0–15 mph	

SITE LOG

1. Met with Karlo Manalo (LACDPW), Jim Aidukas, Wayne Wu (UltraSystems), and checked into office and with Patti Costa (Republic).
2. Observed working face, including tippers.
3. Drainage channel along main access road is in good order.
4. New bypass access road is now in use, and in good order.
5. Sediment Basin A is clear of sediment, with almost no standing water by vertical drains.
6. No wind-blown trash is present along Sediment Basin A slopes.
7. Westside drainage has concrete damage at known locations.
8. Storage yard by Sediment Basin D is in good order.
9. Condensate tanks at storage yard are odorous from 40 feet away.
10. Gas-to-Energy plant is producing at full capacity.
11. Flare 9 is offline.
12. Flare 10 is operating at 2511 scfm, 1655 °F, with blowers 1, 2 and 3 active. Gas sample measured at 47 % Vol. CH4, 1.4 % Vol. O2, 75 ppm H2S and 470 ppm CO. Air blower is off/ not running.
13. Sediment Basin B is in good order, mostly clear of sediment.
14. County Top Deck elevations were taken with a Trimble 2008 GeoXH GPS unit (+/- 10 centimeter accuracy) along final grade contour line limits.
15. Observed two abandoned well pipes by old Admin building site.
16. Flare 1 is operating at 1839 scfm, 1688 °F. Gas sample measured at 37 % Vol. CH4, 1.2 % Vol. O2, 94 ppm H2S and 96 ppm CO. Gas inlet temperature is at 135 °F.
17. City Deck C sage mitigation area is growing well, with birds flying in and out of the habitat.
18. Dirt hole at sewer connection has been filled.
19. Oil field gate is closed and locked.
20. Met with Patti Costa and Tyson Ross (Republic) to discuss site monitoring observations.

FURTHER REVIEW NEEDED

1. Repair concrete damage along westside drainage channel at known locations.
2. Eliminate odors from condensate tanks at storage yard.
3. Repair air blower at Flare 10.

COMMENTS

Signed: Michael W. Lindsay

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING
SITE REPORT

Monitor: Wayne Wu	PAGE 1 OF 1
Discipline: Environmental Engineer	Date: Tuesday, August 11, 2015
Site Conditions: Cloudy, 64°F, wind 4 mph S	

SITE LOG

1. Met with Jim Aidukas and Mike Lindsay (UltraSystems) and Karlo Manalo (LACDPW) and checked into office.
2. Bypass access road has been completed.
3. Observed working face and drainage channel alongside access road. There is some debris in the channel.
4. Met with Ricky Dhupar (Republic) for compliance records review.
5. See attached table **SCL Monitoring List Topics – August 2015 Review** for comments on compliance review.

FURTHER REVIEW NEEDED

COMMENTS

Signed: Wayne Wu

August 26, 2015:

James Aidukas (UltraSystems)

Mike Lindsay (UltraSystems)

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 8/26/15
Site Conditions: Clear and sunny, 70˚ - 90+˚ F	

SITE LOG

Republic Site Manager - Rob Sherman

Met with Mike Lindsay (UltraSystems) and signed in at the office. Checked in with Rob Sherman and then proceeded to the landfill site and observed the following:

- Observed the lined drainage area adjacent to the haul road. It appears to be ready for the rainy season.
- Drove to the working face. The area was compact and operating efficiently. Tippers were not yet in operation. Dust Boss equipment was in use.
- Along the haul road, localized odors were detected around gas well 741. The area was wet around the well. Achaya Kelapanda was notified of this condition.
- City Decks A, B, and C were observed.
- Deck A had a 265,000 gallon water tank constructed just west of the observation deck. The soils were extremely worked and similar to talcum powder. Soil sealant needs to be used in this area before the winds start up. Deck A vegetation was dry, showing summer conditions.
- Deck B vegetation was dry showing summer conditions.
- Deck C sage mitigation was doing well with only the sage and buckwheat showing a summer dry condition. Birds were observed foraging in the area.
- The green waste facility on Lucher Avenue was observed and had only localized odors today.
- Sierra Highway near the I-14 overpass was free of litter and debris.
- There was standing water in a pond between the realigned access road and the old access road near the terminal basin. This drainage appears to be scheduled to be eliminated.
- The terminal basin was cleared of sediment. The rock around the outlet risers was not yet in place.
- Cell CC-3B was nearing completion. Temporary sedimentation basins were being constructed between the cell and the terminal basin.
- The drainage pipes and concrete culvert under the new road were scheduled to have down-comer pipes start to be installed in days which would connect the drainage flow to the terminal basin.
- Basin A was cleared of sediment. The sediment in the drainage riser's rock had not been cleaned. The native hillsides were free of litter.
- The County top deck appears to have areas where ponding will occur.
- The condensate treatment equipment in the equipment storage area still causes localized odors.

Page 2 of 2, 8/26/15:

Flare Operating Conditions:

- Flare 1 - 1680˚F, 1620 SCFM, -55.1" H_2O vacuum, flow control set point 2200 SCFM (66% of max)
- Flare 3 - shut down
- Flare 9 - shut down
- Flare 10 - 1648˚F, 3048 SCFM, -63" H_2O vacuum

The gas-to-energy plant was operating under full load.

- 9152 SCFM, 43.6% methane, 22.1 megawatts produced, 17.8 megawatts sold.

FURTHER REVIEW NEEDED

COMMENTS

Signed:

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT

Monitor: Mike Lindsay	Page: 1 of 1
Discipline: Environmental Engineer	Date: 08-26-2015 Wednesday
Site Conditions: Clear, 70–97 °F, 5–15 mph	

SITE LOG

1. Met with Jim Aidukas (UltraSystems), and checked into office and with Rob Sherman (Republic).
2. Observed working face, including tippers. Odors were detected at Well 741 along haul road to working face.
3. Flare 1 is operating at 1690 scfm (a relatively low flow rate), 1699 °F. Gas sample measured at 38 % Vol. CH4, 1.3 % Vol. O2, 100 ppm H2S and 75 ppm CO. Gas inlet temperature is at 118 °F.
4. Observed overall landfill operations from observation deck. Water trucks were applying water throughout landfill.
5. New water tank by observation deck is in good order.
6. Dirt area around new water tank is covered in deep dust.
7. City Deck A is in good condition.
8. City Deck B is in good condition.
9. City Deck C sage mitigation area is growing well. Observed a cubby of six quails running across road and into Deck C vegetation. Several species of bird were observed flying within habitat.
10. C&D Green Waste facility on Blucher Avenue was in good order, with no strong odors.
11. San Fernando Road near the landfill was clear of trash and debris.
12. Observed grading at Cell CC3-B for drainage installation, and communication cable relocation for scale house.
13. Discussed Cell CC3-B drainage plans with geotechnical engineer.
14. Sediment Basin A has recently been cleaned of all sediment.
15. Westside drainage channel has concrete cracks and uplifting at known locations.
16. Sediment Basin D is in good location.
17. Condensate tanks at storage yard are odorous from 30 feet away.
18. Flare 9 is offline.
19. Flare 10 is operating at 3033 scfm, 1649 °F. Gas sample measured at 44 % Vol. CH4, 1.0 % Vol. O2, 72 ppm H2S and over 500 ppm CO.
20. Gas-to-Energy plant is producing at full capacity.
21. Landfill waste composition analysis is being conducted by L.A. City/ County and Republic.

FURTHER REVIEW NEEDED

1. Investigate odor near Well 741 near working face.
2. Apply soil sealant or gravel on loose dirt around new water tank.
3. Repair concrete damage along westside drainage channel at known locations.
4. Eliminate odors from condensate tanks at storage yard.

COMMENTS

Signed: Michael W. Lindsay

September Site Visits

September 23, 2015:

James Aidukas (UltraSystems)

Mike Lindsay (UltraSystems)

Tarik Hadj-Hamou (SLR)

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 9/23/15
Site Conditions: Sunny and warm, slight wind	

SITE LOG

Republic Site Manager - Rob Sherman

Met with Tarik Hadj-Hamou and Mike Lindsay (UltraSystems) and signed in at the office. Observed the working face and truck scale operations from the office site. Operations was using the Dust Boss vapor emitters to control working face odors. The working face odors were detected on the main access road but was not detected in the adjacent neighborhood. The monitor team checked in with the County LEA, Daniel Shelly, to notify him we were onsite. We also met with Achaya Kelapanda (Republic's Environmental Gas Specialist) to obtain an update on any current activities.

The team then proceeded to monitor the site and the adjacent neighborhood and observed the following:

- Greenwaste odors were detected on the 405 freeway north of the Rinaldi exit earlier on the way to the landfill. We drove to Lucher Avenue just north of the Odyssey Restaurant. Strong greenwaste odors were detected coming from the C & D Recycling facility with less intense odors coming from the Van Norman Mulching facility.
- The team drove the adjacent neighborhood and didn't detect any landfill odors.
- There was a landfill gas odor detected on the main access road south of the roadway metal drainage cattle guard road crossing structure. The operating face odor was also detected at this location.
- Basin A had standing water that did not drain. The rock around the outlet risers had dirt plugging the flow to the risers.
- The Basin A outlet channel was partially blocked with soil and sand bags protecting gas and liquid HDPE pipelines.
- There were four low spots seen on the County top deck that had ponding from the previous rains. The grading for drainage should be checked on the City and County decks.
- The slopes in area CC-3A had straw wattles placed on inactive slopes. The slopes in area CC-3B had no erosion control measures yet placed.
- The grading of slope benches for drainage and the installation of HDPE lined down chutes has not been done on the City slopes.
- The native oak trees on the County westside should be looked at by an arborist. Numerous trees are showing attack by some type of tree disease and are dying.
- The clay base for the liner was being installed in CC-3B.
- Slope liner was being placed on the old City north fill area. Gas and liquid collection system was not able to be verified. The QAQC report should have this included.
- Temporary drainage basins were being constructed downstream of Cell CC-3B.
- The terminal basin was having sediment removed and the rock around the outlet riser cleaned.
- Vegetation growing in the terminal basin sidewalls should be removed. Cracks in the sidewall should be filled and sealed to eliminate water intrusion.

Page 2 of 2, 9/23/15:

- A 36" HDPE corrugated downcomer draining to the terminal basin was installed to the access road 36" drainpipe. The twin concrete access road box drains did not have a permanent downcomer. A piece of HDPE liner was being used to convey the water.
- The exit road near the front gate has an asphalt curb that trucks run over when exiting.
- The oil field perimeter gate was locked.
- The Deck C sage mitigation was observed to be doing well.
- The new water tank had the feed and discharge piping connected. The foundation should be backfill and powder-like soil should be stabilized or covered with rock.
- The County top deck haul roads had dust emitted when used by soil transports. More water or soil sealant should be applied.
- The northeast County and City decks and slopes had windblown litter not yet removed.

Flare Operating Conditions:

- Flare 1 - 1691˚F, 2085 SCFM, -54.33" H_2O vacuum
- Flare 3 - shut down
- Flare 9 - shut down
- Flare 10 - 1633˚F, 2514 SCFM, -63" H_2O vacuum, 36.15 H_2O outlet; 47% CH_4, 1.4% 0_2

The gas-to-energy plant was operating under full load.

- 8424 SCFM, 47% methane
- 21.0 megawatts generated, 16.6 megawatts sold

FURTHER REVIEW NEEDED

COMMENTS

Signed:

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT

Monitor: Mike Lindsay	Page: 1 of 1
Discipline: Environmental Engineer	Date: 09-23-2015 Wednesday
Site Conditions: Clear, 71–93 °F, 0–5 mph, 56% RH	

SITE LOG

1. Met with Jim Aidukas, Tarik Hadj-Hamou (UltraSystems), and checked into office and with Achaya Kelapanda (Republic) and Daniel Shelley (LA County LEA).
2. C&D Green Waste facility on Blucher Avenue was producing strong wood chip and green waste odors.
3. Detected no odors while driving through adjacent neighborhood southeast of landfill.
4. Sediment Basin A has standing water around vertical drains due to sediment around boulder berm.
5. No wind-blown trash is present along Sediment Basin A slopes.
6. Sediment Basin A has soil and pipes within east drainage channel, with a temporary channel cut through soil.
7. Observed large stockpile of soil mixed with concrete rubble on County Top Deck (approx. 80'Wx50'Lx25'H), probably from old Admin pad.
8. Measured County Top Deck elevations using a Trimble GeoXH2008 GPS device (+/- 10 centimeter accuracy), including low spots.
9. Sediment Basin D is in good condition.
10. Flare 9 is offline.
11. Flare 10 is operating at 3114 scfm, 1665 °F, with blowers 2, 3 and 4 active. Gas sample measured at 45 % Vol. CH4, 1.5 % Vol. O2, 72 ppm H2S and 486 ppm CO.
12. Gas-to-Energy plant is producing at full capacity.
13. Water trucks are applying water throughout landfill, though dust is rising up from scraper haul road on north side of County Top Deck.
14. Sediment Basin B has some sediment piles on southeast side of basin.
15. Northeast perimeter drainage has been cleared of sediment and vegetation.
16. Windblown trash has accumulated along northeast perimeter slopes.
17. City North Deck has additional stockpiled soil, clay and liner material.
18. Terminal Sediment Basin is being cleared of sediment at drain risers.
19. Observed working face, including tippers.
20. Met with Patti Costa and Ricky Dhupar (Republic) to discuss site monitoring observations.

FURTHER REVIEW NEEDED

1. Clean sediment from boulder berm at Sediment Basin A to drain standing water.
2. Clear soil and pipes from Sediment Basin A east drainage channel.
3. Apply more water to scraper haul road along north side of County Top Deck.
4. Remove sediment piles from Sediment Basin B.
5. Remove windblown trash from northeast perimeter slopes.

COMMENTS

Signed: Michael W. Lindsay

SUNSHINE CANYON LANDFILL
MITIGATION MONITORING
SITE REPORT

Monitor: Tarik Hadj-Hamou, Ph.D., P.E.	PAGE 1 OF 2
Discipline: Civil – Geotechnical and Hydrology	Date: September 23, 2015
Site Conditions: Sunny	

SITE LOG

7:00- 7:45 meet with UltraSystems team members Jim Aidukas and Mike Lindsay, sign-up in main office and prepare site visit

7:45 - 2:00 site tour

Observed the following areas: neighborhood for odor, construction area of Cell 3A, waste face, flares 3,8, and 9-10, drainage systems, and overall landfill.

2:15 – 2:35 Close-out meeting with Republic staff

Cell 3A

- Activities observed included liner installation of geosynthetics on side slope, excavation of anchor trench. CQA monitoring is ongoing as evidenced by markings on geosynthetics

Waste face

- No civil or geotechnical issues noted

Stability issues

- No major slope stability issues were noted during the site tour
- Construction for new cell lead to some vertical cut of new access road embankment (Photo 1). It is assumed that this is a temporary condition and the cut will be backfilled prior to rainy season as water could undercut this further and affect stability

Flares

- No civil or geotechnical issues noted

Drainage system

- Terminal basin on-going clean-up (Photo 2) and will have full capacity after clean-up
- Basin A
  - There was some water in basin.
  - The drainage channel out of basin is partially filled up with soil (Photo 3). However, according to Republic the role of basin A has changed as the drainage plan was modified. Basin D was regraded to drain entirely into the east perimeter channel and Basin A will no longer serve as a pass-through but just as a retention basin.
- Conditions of channel on west side between Basin A and Basin D
  - Republic will fix the section in 2016
- Box culver at access road: geomembrane liner on slope should be put back in place an anchored (concrete rebars or sand bags) before the next storm (Photo 4)

Miscellaneous

- Block wall outside the property along San Fernando Road. Soil and debris have accumulated on top of the wall (Photo 5) and is blocking the drainage channel on top. The wall was not designed for this extra load and its stability may be impacted namely after a rain event that would further load the wall.

Grading • Low spots were observed on the county top deck. One such low spot retained water while the others were wet indicating of water ponding. Those areas should be graded to drain so water does not pond
FURTHER REVIEW NEEDED
COMMENTS
Signed: 

Photo 1: Vertical Cut at Toe of Access Road Embankment

Photo 2: Terminal Basin Undergoing Clean-up

Figure 3: Channel out of Basin A Partially Blocked

Photo 4: Geomembrane at Box Culver on Access Road

Photo 5: Debris on top of wall along San Fernando Road

Appendix IV
Meeting Logs

Sunshine Canyon Landfill
Meeting Log for July 2015 Site Monitoring

July 22, 2015

Post-monitoring meeting with Ricky Dhupar, Republic Environmental Specialist.
Attendees:
James Aidukas, UltraSystems
Mike Lindsay, UltraSystems

Discussion:

We had a post-monitoring meeting with Republic and provided them with our monitoring observations. We asked questions on site activities and mitigation status, and received comments and updates as follows:

a. Jim Aidukas asked where Monitoring Well 205-RD is located; this was the gas monitoring well that showed elevated levels of methane being detected.
   - Ricky Dhupar stated that it is adjacent to the material storage yard.

b. Jim Aidukas stated that there are eight pieces of heavy equipment parked on the Old City North Landfill Deck with no oil drip pans in place.
   - Ricky Dhupar stated he will address this with the contractor.

c. Jim Aidukas stated that the new Administration buildings have no air ventilation under the raised floors to reduce the potential for landfill gas accumulation.
   - Ricky Dhupar stated that he will look into getting this rectified.

d. Mike Lindsay stated that the Westside Drainage has concrete cracks and uplifting, and the overall condition of the Westside Drainage Channel is worsening.
   - Ricky Dhupar stated he will look into the status of the schedule for repairs.

e. Jim Aidukas stated that the hillside retaining wall along the San Fernando Road frontage had soil and debris piled on top of and in front of the wall. The wall drainage is blocked and the debris is close to topping the fence. The wall was not designed for this type of loading
   - Ricky Dhupar stated that he will investigate having the wall area cleared.

f. Mike Lindsay stated that condensate odors are coming from the decommissioned condensate treatment equipment in the material storage yard.
   - Ricky Dhupar stated that he will investigate a remedy for these odors.

g. Jim Aidukas stated that there is dumped debris along Sierra Highway, near the I-14 overpass.
   - Ricky Dhupar stated he will look into removing the debris.

h. Jim Aidukas stated that the fire blanket at Flare 1 is on the ground and in poor condition.
   - Ricky Dhupar stated that he will look into replacing the fire blanket and having it mounted.

The meeting was then adjourned.

Sunshine Canyon Landfill
Meeting Log for August 2015 Site Monitoring

August 11, 2015

Post-monitoring meeting with Patti Costa, Republic Environmental Manager, Tyson Ross, Republic Operations Manager and Ricky Dhupar, Republic Environmental Specialist.

Attendees:
James Aidukas, UltraSystems
Mike Lindsay, UltraSystems
Wayne Wu, UltraSystems

Discussion:

We had a post-monitoring meeting with Republic and provided them with our monitoring observations. We asked questions on site activities and mitigation status, and received comments and updates as follows:

a. Jim Aidukas stated that the Flare 10 air blower appeared to be off.
   - Patti Costa stated she will have it checked.

b. Jim Aidukas stated that the decommissioned condensation tanks are emitting localized odor in the equipment storage area.
   - Patti Costa stated she will look into getting the tanks cleaned.

c. Mike Lindsay stated that the Westside Drainage concrete channel has openings in the sidewalls on two different sides, and could be filled with concrete or gunite as a temporary measure to help keep the wall from infiltrating water behind the wall and under the floor.
   - Patti Costa stated she will investigate the condition and have their geotechnical consultant provide advisement.

d. Jim Aidukas stated that the exit of the realigned access road onto San Fernando Road had no centerline striping near the gate. Trucks were observed making wide turns into the incoming lanes. Trucks were also seen making tight turns and running over the right side curb.
   - Patti Costa stated that she is aware of the issue and that changes are being planned.

e. Jim Aidukas stated that the cattle guard crossing on the access road drainage culvert is partially blocked with debris and soil.
   - Patti Costa stated that clearing of the culver is part of their yearly maintenance.

f. Jim Aidukas stated that there is wind-blown litter and dumped debris along San Fernando Road on the railroad side of the roadway.
   - Patti Costa stated Republic was directed by Metro that they were not allowed to clean the roadway on the track side of San Fernando Road.

g. Jim Aidukas stated that there were odors near the cattle guard crossing.
   - Patti Costa stated that the Dust Boss was there to manage any localized odor..

h. Mike Lindsay stated that the sewer connection area had upturned soil.
   - Patti Costa stated that the water pipe leaks in this locale were fixed.

i. Jim Aidukas asked about the status of completing the realigned access road drainage.
   - Patti Costa stated that the access road slopes have drain channels and pipes under the roadway and down-slope piping is scheduled to start in days..

j. Jim Aidukas stated that there were two old abandoned oil wells observed in the excavated area west of the current offices.
   - Patti Costa stated that their geologic consultant is looking into the re-abandonment of these oil wells.

k. Wayne Wu asked if the fire marshal performs routine checks or if there are any records of their visits.
   - Patti Costa stated that the fire marshal arrives unannounced, and no records are kept.

The meeting was then adjourned.

Sunshine Canyon Landfill

Meeting Log for August 2015 Vegetation Meeting

James Aidukas

From:	Gabriel Esparza <GESPARZA@dpw.lacounty.gov>
Sent:	Tuesday, August 18, 2015 10:54 AM
To:	jaidukas@ultrasystems.com; mtollett@ultrasystems.com; Joseph Decruyenaere; ly.t.lam@lacity.org; nick.hendricks@lacity.org; gdenson@architerradesigngroup.com; ainsworthenv@gmail.com; Costa, Patti; rdhupar@republicservices.com; 'mstewart2 @republicservices.com'; betseylandis@sprintmail.com
Cc:	Russell Bukoff; Dave Nguyen; Martins Aiyetiwa
Subject:	Summary of August 13, 2015, Meeting on Revegetation Efforts at Sunshine Canyon Landfill
Attachments:	Vegetation Sign In Sheet.pdf

Good Morning All,

At the last Vegetation Meeting held August 13, 2015, we discussed the following:

- Ms. Patti Costa and Mr. Jim Aidukas had a teleconference with Ms. Erin Wilson from the Dept. of Fish & Wildlife on August 11, 2015, discussing the acceptance of Venturan Sage Scrub species. A brief summary per Mr. Aidukas and Ms. Costa:
  - Ms. Costa would provide the pertinent information/documentation, by August 14, 2015, to Ms. Wilson for her review and comments.
  - Ms. Costa will provide an update (or outcome) of Dept. of Fish & Wildlife review at the next Vegetation Quarterly Meeting
  - Additionally, Ms. Wilson informed Mr. Aidukas and Ms. Costa, any future sage mitigation plans (with similar criteria) would not require the Dept. of Fish & Wildlife approval at this time
- Annual Clearings for weed control are typically done during the fall season for the Upper Decks A & B. Deck C continues to have routine weed control clearings conducted on a monthly basis
- Upcoming selective thinning of Saltbush on Deck C. Selected areas for thinning have been marked with orange flagging.

Additionally, attached for your records is a copy of the meeting sign-in sheet. Please let me know if you have any questions.

Thank You,

Gabriel Esparza, P.E. | **Los Angeles County Dept of Public Works**
Environmental Programs Division |
626-458-4946 office | 626-458-3569 fax | dpw.lacounty.gov

MEETING ON REVEGETATION EFFORTS AT SUNSHINE CANYON CITY/COUNTY LANDFILL

SIGN IN SHEET

Thursday, August 13, 2015, at 10:00 a.m.

Name (Please Print)	Signature	Organization	Phone Number/ Email Address
JIM AIDUKAS		ULTRA SYSTEMS	805 496-5573 JAIDUKAS@ULTRASYSTEMS.COM
Joe Declynencke		LA County	213 974 1448 jdeclynencke@planning.lacounty.gov
Nick Hendricks		City Planning	(818) 374-5046
Michelle Tollett		UltraSystems	
GREGG DENSON		ARCHITERRA	909.484.2800 gdenson@architerradesigngroup.com
Betsey Landis	Betsey Landis	LA Task Force - Wildlife Mgmt	310-472-0429 betsey landis@sprintmail.com
Patti Costa	Patti K Costa	Republic Services	818-362-2075 pcosta@republicservices.com
Gabriel Esparza		LADPW	626 458-4946 gesparza@dpw.lacounty.gov

Sunshine Canyon Landfill
Meeting Log for September 2015 Site Monitoring

September 23, 2015

Post-monitoring meeting with Patti Costa, Republic Environmental Manager and Ricky Dhupar, Republic Environmental Specialist.

Attendees:
James Aidukas, UltraSystems
Mike Lindsay, UltraSystems
Tarik Hadj-Hamou, UltraSystems

Discussion:

We had a post-monitoring meeting with Republic and provided them with our monitoring observations. We asked questions regarding site activities and mitigation status, and received comments and updates as follows:

a. Tarik Hadj-Hamou stated that there was some standing water in Basin A and it appeared that sediment was blocking flow to the outlet risers. The drainage channel out of the basin was also partially filled with soil.

- Patti Costa stated that the role of Basin A has changed as the drainage plan was modified. Basin D was re-graded to drain entirely into the east perimeter channel and Basin A will no longer serve as a pass-through but just as a retention basin.

b. Tarik Hadj-Hamou stated that the terminal basin was being cleared of sediment and being prepared for this year's winter rains.

- Patti Costa stated that the recent rains produced some sediment and that the basin will be ready for any Fall rain storms.

c. Tarik Hadj-Hamou stated that the westside drainage concrete channel still needed repair. Temporary repairs may be appropriate to stop any further degradation.

- Patti Costa stated that their engineering consultant had evaluated the condition of the channel and that they recommended repairs and Republic will be putting funding into the budget for repairs to take place in 2016.

d. Jim Aidukas stated that wind-blown trash was observed along the native slopes between the Gas-to-Energy plant and the old City North fill area.

- Patti Costa stated that she will bring this to the attention of the Operations staff.

e. Jim Aidukas stated that the curb by the landfill entrance is causing trucks to run over it, causing a potential hazard to trucks exiting the landfill.

- Patti Costa stated that this repair will be a budget item for next year.

f. Mike Lindsay stated that he found four low spots on the Count Top Deck that had ponded water during the last rains, with one still holding approximately two feet of water.

- Patti Costa stated that she will look into having the top decks checked for drainage and any areas that would pond filled.

g. Jim Aidukas stated that there is powder-like soil present around the new water tank, and this could create a blowing dust condition offsite with the Santa Ana winds expected this Fall.

- Patti Costa stated that she will look into having the soil sealed.

h. Jim Aidukas stated that dust clouds were being generated by haul trucks using the County Top Deck, to store wet weather material.

- Patti Costa stated that she will dedicate a water truck to the area.

i. Tarik Hadj-Hamou stated that vegetation is growing in concrete cracks along the Terminal Basin walls. Maintenance should be performed to remove vegetation and seal any cracks.

- Patti Costa stated that she will have the vegetation removed.

j. . Tarik Hadj-Hamou stated that soil and debris have accumulated on the top of the block wall outside the property along San Fernando Road. This is blocking the drainage channel on top of the wall. Also, he stated that the wall was not designed for this extra load and its stability may be impacted after a rain event that would further load the wall.

- Patti Costa stated that she would advise the operations staff of this maintenance issue.

k. Jim Aidukas stated that there are cigarette butts on the ground at the Flare 9/ 10 control panel.

- Patti Costa stated that they will investigate the issue.

The meeting was then adjourned.