

**Sunshine Canyon Landfill
Independent Monitor
Quarterly Site Monitoring Status Report
July 1, 2023 – September 30, 2023**

Prepared For:

City of Los Angeles Department of City Planning

And

County of Los Angeles Department of Regional Planning



Prepared By:



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Prepared On:

January 23, 2024

CERTIFICATION STATEMENT

January 23, 2024

The attached Quarterly Site Monitoring Status Report for the Sunshine Canyon Landfill dated January 23, 2024 is the Third Quarterly Report for 2023, issued by UltraSystems. This report covers the monitoring period from July 1, 2023 through September 30, 2023 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. The Mitigation Monitoring Summary spreadsheets for the City and County of Los Angeles note any conditions and/or mitigation measures that need further review and document these areas in an appendix for that site visit date. Any issues that required immediate attention were reported to Republic Services (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 Mitigation Monitoring Summary spreadsheets record by date each site visit and frequency of monitoring of specific conditions and/or mitigation measures. 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 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-Comments column are those action items that would improve monitoring efficiency by having reports and documents readily available. These are summarized in the Mitigation Monitoring Summary spreadsheets and the Summary of Requested Documents section of the Quarterly Reports.

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, 2023, to September 30, 2023. It includes:

1. The City and County Mitigation Monitoring Summary spreadsheets for July 1, 2023, to September 30, 2023. These spreadsheets record the areas of monitoring completed and the status of being compliant during the third quarter of 2023;
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; and
4. Site visit attendees by date of site visit and the mitigation monitoring site report from each monitor.

Site Visits During the Quarter

Three site visits were performed by UltraSystems during the July to September 2023 quarter in order to observe operational site activities and determine compliance status with conditions and/or mitigation measures. They were performed on July 25, 2023; August 22, 2023; and September 19, 2023.

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.

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 Landfill Mitigation Monitoring Summary 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 monitoring report provides a summary of activities being done onsite 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' 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, and on the City and County Mitigation Monitoring Summary spreadsheets.

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/Comment – There was no grading outside of the approved landfill fill development limits during the 3rd Quarter. The road realignment work was not within the Sunshine Canyon waste fill limits but is in the CUP-approved areas for ancillary uses. The road realignment plans also included a new sedimentation basin and the removal of a portion of the existing terminal basin and the westside inlet channels to that basin. This was in preparation for the construction of a final toe berm. Grading up the canyon from the terminal basin was occurring. All grading should be included in the comprehensive geotechnical report for the site. The JTD City/County CUP condition 1.18 requires that all alluvium soils be removed prior to filling with compacted soils. Alluvium removal is

to be verified by a qualified geologist. The monitor was not able to obtain the geotechnical reports concerning alluvial removal or county code compliance. Alluvial water was being collected in a temporary basin up-canyon of the grading. Water was being discharged into the terminal basin's outlet channel. Soil was being moved by scrapers from the new access road stockpile to the toe berm location. Trucks were also bringing imported soil directly to that location. It looks like this soil placement and grading is the construction of the foundation of the final buttress. No city-approved drawings were available for review. No soil testing or compaction of the soil was seen, except for scrapers traveling on the soil to compact it. The terminal basin's damaged outlet riser was repaired by the end of July. The structural support and litter control riser top was still being worked on. The soil quantity trucked into the landfill was not being recorded at the scales nor by a field observer. Cells CC-4 Part 3, 4 and 5 were accepting waste during the 3rd Quarter.

Q-C.3.h (City)

The access roads extended to new fill areas shall be surfaced with recycled asphalt, aggregate materials, or soft stabilization products to minimize the length of untreated dirt.

Current Status/Comments – In the 3rd Quarter, localized dust clouds occurred on dirt roads to and on the County top deck when waste hauling transfer and packer trucks used the dirt roads going to the active waste disposal areas and when soil importation trucks were delivering soil. These temporary roads did not have rock nor recycled concrete surfacing or soil stabilizer to control dust generation. The dust was not observed leaving the site. Areas of excavation for the toe berm and future cell construction had large areas of loose soil that were not stabilized. On dry windy days there was dust leaving the site. When the rain occurred in August, there was mud flow.

Q-C.5 (City)

Graffiti removal and deterrence on building and structures in public view.

Current Status/Comments – In the 3rd Quarter, there was no graffiti observed at the landfill site.

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 foregoing, 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 – In July, the gas-to-energy plant was using 8797 SCFM of recovered landfill gas. The recovered gas flared was: Flare 1: 2578; Flare 3: not accessible; Flare 9: not operating; Flare 10: 2910 SCFM; Flare 11: 2865 SCFM. The total volume of landfill gas being recovered that the monitor could access data from was 17,150 SCFM.

In August and September, the gas recovery, flaring and renewable energy data was not recorded because of power outages and access restrictions due to weather conditions.

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 – An updated fire plan showing the new locations of all facilities, and normal and emergency ingress and egress should be prepared and sent to the local City fire department station and City and County planning now that the office facilities have been moved to the new location and the realignment of the main access road and toe berm are under construction. Emergency egress should be posted for employees and customers. When the toe berm and main access road's construction are completed and they are in use, a revised fire plan should be submitted to the City and County agencies.

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(12) (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-4.14.1(155) (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 – There was no grading outside of the approved landfill development limits during the 3rd Quarter. Grading for the main access road realignment in the small valley south of the current main access road had minimal work being done. The construction plans and supporting geotechnical reports were reviewed and approved by City Planning and the City Building Department. The City also approved brush and tree clearance and hillside grading. The technical reports and detailed plans were not available for review by the monitor. Compliance with County Geology – 1.07 was not able to be verified by the monitor.

The rainwater control system for the new access road and sedimentation basin has uncontrolled rainwater impacts on the Gas Company's facility and San Fernando Road. Republic's final design and construction plans for the drainage system for this adjacent canyon development were not made available to be monitored. Drainage improvements, engineering calculations and plans for the whole landfill site were also not available to the monitor. Republic's engineering consultant should have drainage plans and engineering support calculations available for agencies' and monitors' review.

M-4.1.4(11) (City)

An operations checklist shall be used by a registered engineering geologist for surveys following all earthquake events measuring 5.0 on the Richter Scale or greater near the project site. A comparison of operating parameters and site conditions before and after major earthquake events shall be made to verify that systems are operational as designed. Final designs for major engineered structures shall be based on the results of the detailed stability analyses of potential seismic events.

Geology-1.16 (County)

An operations checklist will be used by a certified engineering geologist, registered civil engineer, or licensed surveyor for surveys following all earthquake events of 5.0 magnitude or greater.

Current Status/Comments – There were no earthquakes of 5.0 magnitude or greater in the area during the 3rd Quarter.

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 number 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 3rd Quarter, Closure Turf was being maintained, and gas and liquid recovery systems under the turf were performing well. This cover material was in lieu of vegetation on the south-facing slopes, and controlled and eliminated dust and erosion. The areas where the County top deck stockpile soil was removed, which had isolated deep depressions, had

prior significant ponding from rain events and were being filled and graded. Revegetation by hydroseeding was not performed on any inactive fill areas.

M-4.1.1 (7) (City)

Prior to the initiation of grading activities, the project proponent shall undertake, if necessary, reabandonment procedures as required by the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources.

Current Status/Comments – The old, abandoned oil well casing adjacent to the north secondary access road from the Flare 11 site was not reabandoned. An evaluation of the need to reabandon this well should be done. This well was not leaking oil or gas and did not pose a current hazard. It is well beyond the approved landfill limits but inside the ridgeline of Sunshine Canyon. An unabandoned well could be a future problem.

M-4.1.6 / 18 (City)

Survey monuments shall be installed around the perimeters of the outer fill areas at points where they would not be subject to disturbance by landfill development and marking the 500-foot setback from the more restrictive zone. The exact spacing, location, and characteristics of the survey monuments shall be submitted to and approved by the City Local Enforcement Agency (LEA).

Current Status/Comments – A significant number of the landfill perimeter boundary survey PVC marker pipes have been removed in areas where Edison pole grading took place, near the Flare 11 site pad grading and near the CC-4 Part 3 buttress. All PVC boundary markers need to be verified and replaced if missing.

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 application 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. Only obvious gas emission sources, odorous operations related to gas and/or gas and landfill liquids, lack of cover, or exposed trash resulting in odors detected during the monitoring visits are reported in the monitors' site report.

On our random days of site visits during the 3rd Quarter, there were no landfill odors detected in the adjacent neighborhoods.

The use of Closure Turf to seal inactive filled areas and function as intermediate cover also provided enhanced gas and liquids recovery and gas-related odor control. There were no gas or liquids odors detected coming from the Closure Turf areas.

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 CCR, Title 23, Division 3, Chapter 15, Article 3, §2533(C), and County of Los Angeles Public Works Department, Flood Control Division requirements.

Surface Water - 2.03 (County)

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 CCR, Title 23, Division 3, Chapter 15, Article 3, §2546(C), which mandates the requirements for a capital storm event (100-year 24-hour precipitation).

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 engineering reports should be available for review and use.

In the 3rd Quarter, surface drainage systems were in-place to intercept or divert rainwater away from prior landfill cells and current filling operations. Most of these were temporary systems in active areas, and most conveyance V-ditches were unlined. The construction of the final toe berm and main access road realignment project is ongoing. This is a two-year project and includes a new basin, modification of the terminal basin, and the construction of new drainage channels, and possibly a new upstream basin from the terminal basin. The road realignment will entail the construction of a new main access road, a 350,000-cubic-foot sedimentation basin, drainage improvements in the ravine south of the current entrance, and modifications to the terminal basin's size and inlet sources. The design plans, design details and engineering calculations were submitted to the City for permit approval. The design plans and engineering reports were not available for review by the monitor nor submitted to the LACDPW for approval. Compliance with Surface Water – 2.03 could not be verified. An engineering evaluation of the total site's surface drainage system should be done which reflects the current system's modifications. Onsite drainage channels should be designed per CCR, Title 23, Division 3, Chapter 15, Article 3, Section 2533(C), and County of Los Angeles Public Works Department, Flood Control requirements.

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 site map showing areas that are at the final elevations and which should have final cover should be available for review. A map showing other filled elevations should also be available onsite for review. Stockpiled soil should also be indicated in recorded elevations.

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 stormwater 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 stormwater runoff.

Current Status/Comments – In the 3rd Quarter, surface drainage systems were in-place to intercept or divert rainwater away from prior landfill cells and current filling operations. Most of these were temporary systems in active areas, and most conveyance V-ditches were unlined. Erosion control plans should have been developed and implemented. The erosion control plans should be available for City and County agencies and monitor's review. The monitor did not have access to these plans. The implemented plans were not adequate to control the volume of water during the early August storm.

M-4.3.1(41) (City)

The surface water collection system shall be designed to collect runoff and collect/retain suspended solids. Water leaving the sedimentation basins shall be monitored in accordance with NPDES requirements.

M-4.3.1(43) (City)

Sediment shall be cleaned out of the sedimentation basins after every significant storm.

Surface Water 2.10 (County)

The surface water collection system shall be designed to collect runoff and collect/retain suspended solids. Water leaving the sedimentation basins shall be monitored in accordance with NPDES requirements. Sediment shall be cleaned out of the sedimentation basins after every significant storm.

Current Status/Comments – In the 3rd Quarter, none of the basins or channels were fully cleared of sediment. Major modifications were made to the terminal basin and its inlet channels. No hydrology reports were available to the monitor or the County for review. The damaged terminal basin outlet riser was repaired. Sediment, small rocks and debris were still being discharged into the outlet channel to the County flood control drainage system.

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 website 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 – A preventative maintenance program with 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 should be performed on a monthly basis, with a summary report issued on a quarterly basis. These reports have been reviewed prior to COVID-19 restrictions and were available at the landfill's main office.

In the 3rd Quarter, it was observed that vegetation was growing out of numerous cracks in the water retention basins and drainage conveyance channels' concrete. There were areas of the channels and basins that needed the growing vegetation to be removed, and repair of the concrete and sealing of cracks. These clean-up and maintenance tasks are put on the monthly preventative maintenance program work list. The concrete drainage channel's wall south of Basin B has the soil supporting the wall being washed away by rain. The concrete wall is compromised by not stopping water from flowing into the back of the wall. Areas of the wall are cracked and are moving. There was no progress in performing the maintenance.

M-4.3.2(50) (City)

The LCRS shall be installed at the base and side slopes of the landfill. This system shall be designed and installed to collect generated leachate for disposal consistent with LARWQCB requirements. The collection system shall consist of a filter rock blanket embedded with a system of collection pipes or a blanket embedded with a system of collection pipes or geosynthetic alternative that collects and transports the fluid to a holding tank. In accordance with RCRA, Subtitle D, 40 CFR, Part 258, the collection systems shall be designed to limit the hydraulic head on the liner to less than 12 inches. Collection pipes shall be sized and spaced to reduce the hydraulic head in the leachate collection system as specified in WDRs. Leachate shall be recovered and treated onsite. The treated leachate shall be sampled prior to discharge from the holding tank in accordance with the WDRs to determine suitability for reuse onsite per LAWRQCB requirements. Summary results of this sampling shall be disseminated in the newsletter with more detailed reporting on the website and in the Annual Report.

Current Status/Comments – The old City North top deck has a tank farm of 16 Adler storage tanks for processing recovered leachate and condensate, with a double-wall pipeline to the sewer connection at the entrance near San Fernando Road. This system operated with no odors detected at the tank farm nor the sewer connection during the 3rd Quarter. Tank farm liquids were being treated with 30% hydrogen peroxide at the tank farm and at the sewer connection. The access road's rainwater drain was plugged and the road was flooded.

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 3rd Quarter, City sage mitigation area decks B and C were being maintained by the removal of non-native vegetation. Native vegetation was doing well. Bare spots are being filled-in from seeds and spreading of prior planted native plants. The condition of the PM-10 oak trees was still being evaluated by Republic's consulting biologists. Their yearly mitigation tree status report was being prepared. There was a substantial amount of dead PM-10 trees observed by the monitor. No schedule for tree replacement has been issued. There was no activity on the County sage mitigation area. Native plants were doing well in the County sage area, repopulating in the areas where they naturally came back. No mitigation revegetation activity was done for this area in the 3rd Quarter. Areas of decks B and C were being graded for the new temporary waste hauling access road. There appears to be minimal impacts to the sage mitigation areas.

M-4.4.3/72 (City)

Native tree species shall be replaced at a 2:1 (replacement: removal) ratio, consisting of 15-gallon or 5:1 3-gallon container trees. Mitigation trees shall be planted prior to impacted trees being removed, thus allowing trees to grow to specimen size in the field. A specimen-size tree shall be defined as a 15-gallon tree with a minimum trunk caliper of 1-inch measured 1-foot above ground. All mitigation trees shall be specimen size within 1 year after tree removal.

Biota - 4.10 (County)

The permittee shall comply with all terms and Conditions of Oak Tree Permit No. 86-312-(5). The permittee is authorized to remove oak trees within the project areas as necessary to conduct landfill operations authorized by this grant and subject to the requirements of Part VII of the Implementation and Monitoring Program attached to Oak Tree Permit 86-312-(5). Prior to approving any excavation of more than five acres containing significant stands of oak and/or Douglas fir trees, the Director of Public Works shall confer with the Los Angeles County Forester and Fire Warden.

Current Status/Comments – In the 3rd Quarter, Republic's biologist consultant had not yet issued an updated mitigation tree report. The number and type of trees that will need to be replaced and schedule of planting will be addressed in this report.

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 – The status on providing offsite wetland and riparian mitigation has not changed in the 3rd Quarter. The City was proceeding with writing and adopting an ordinance to allow the wetlands and riparian mitigation to be created in the Chatsworth Reservoir. All environmental analysis has been completed. Republic stated that there has been no progress in finalizing and adopting the ordinance. Since the COVID-19 pandemic, progress had been suspended. The delay in the issuance of the City ordinance is delaying any progress in creating the required wetlands and riparian mitigation. Time extension letters from the US Corps of Engineers and the California Department of Fish and Wildlife were in place for 2019. New extension letters were not obtained since then. The feasibility of the Chatsworth Dam mitigation site needs to be evaluated as still being a potential mitigation site.

M-4.9.3(110) (City)

Landfill employees shall watch for any illegal dumping activities on or around the project site. The landfill litter control crew shall provide cleanup service for areas within one mile of the project site. The phone number where this service will be requested will be provided in the quarterly newsletter and on the website.

Current Status/Comments – In the 3rd Quarter, there was no litter or illegal dumping observed in the adjacent neighborhood. There was illegal dumping on Sierra Highway.

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 3rd Quarter, the north perimeter gate was observed to be not 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 3rd Quarter, grading was performed in native undisturbed areas that required archeological and paleontological monitoring. Reports were not available for review.

Alternative Fuel Vehicles 77.A-H (County)

As part of its annual report to the TAC required by the IMP, the Permittee shall submit an ongoing evaluation of its compliance with each component of this Condition No. 77. The Permittee may appeal the requirements of this Condition No. 77 to the Director of the Department in accordance with the procedure described in Condition No. 11 for the appeal of a notice of Violation, but only on the bases of whether a particular alternative fuel is technologically or economically feasible.

Current Status/Comments – An annual report showing the Compliance with each component of Condition 77 should be prepared and submitted to the TAC.

Conclusions

In this reporting period, UltraSystems has monitored the conditions and/or mitigation measures for the City and County, as shown on the Mitigation Monitoring Summary 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. Only two non-compliant conditions were observed, M-4.1.6(18) survey monuments and M-4.3.1(46) preventive maintenance. Furthermore, monitoring of the tasks on these Mitigation Monitoring Summary spreadsheets tracks progress toward being fully compliant. Notwithstanding the above, air quality compliance status is not being actively monitored by UltraSystems. Review of design plans, specifications, engineering support documents, and City-approved plans were not provided for the monitor to verify compliance with all City and County CUP conditions. The CUP conditions have special and unique construction requirements that the landfill site location requires. Access to engineering data and plans being implemented, and Hydrologist and Geologist construction reports are necessary to verify compliance with City and County CUP conditions and important construction activity.

The 2023 3rd Quarter Mitigation Monitoring Summary spreadsheets track the progress and completion of tasks as they were accomplished during this quarterly period.

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(07-01-2023 through 09-30-2023)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	Second Quarter 2023												Third Quarter 2023											
					4/19/2023	Status*	Further Review Needed/Comments**	Resolved*	5/16/2023	Status*	Further Review Needed/Comments**	Resolved*	6/21/2023	Status*	Further Review Needed/Comments**	Resolved*	7/25/2023	Status*	Further Review Needed/Comments**	Resolved*	8/22/2023	Status*	Further Review Needed/Comments**	Resolved*	9/19/2023	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	I-d	✓	C	I-e	✓	C	I-f	✓	C	I-g	✓	C	I-h	✓	C	I-i	✓	C	I-i			
9	Q - B.2.c.		Ancillary Uses and Facilities	ongoing	✓	C	I-d	✓	C	I-e	✓	C	I-f	✓	C	I-g	✓	C	I-h	✓	C	I-i	✓	C	I-i			
10			Ancillary Uses and Facilities																									
11	Q - B.2.d (3)		10 Year Phase Review	2015	✓	C	NONE	✓	C	NONE	✓	C	NONE	✓	C	NONE	✓	C	NONE	✓	C	NONE	✓	C	NONE			
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			
16	Q - C.3.g.		Paved Access Roads	ongoing	✓	C	I-d	✓	C	I-e	✓	C	I-f	✓	FRN	I-g	✓	FRN	I-h	✓	FRN	I-i	✓	FRN	I-i			
17	Q - C.3.h.		Surfacing of Access Roads	ongoing	✓	FRN	I-d	✓	FRN	I-e	✓	FRN	I-f	✓	FRN	I-g	✓	FRN	I-h	✓	FRN	I-i	✓	FRN	I-i			
18	Q - C.5.		Graffiti Removal and Deterrence	ongoing	✓	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	✓	FRN	I-d	✓	FRN	I-e	✓	FRN	I-f	✓	FRN	I-g	✓	FRN	I-h	✓	FRN	I-i	✓	FRN	I-i			
20	Q - C.10.d. (1)		Alternative Fuel Vehicles	status																								
21	Q - C.10.d. (2)		Alternative Fuel Refuse Collection Trucks	status																								

* C = Compliant, NC = Non-Compliant, FRN = Further Review Needed, R = Resolved

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(07-01-2023 through 09-30-2023)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	Second Quarter 2023												Third Quarter 2023											
					4/18/2023	Status*	Further Review Needed/Comments**	Resolved*	5/16/2023	Status*	Further Review Needed/Comments**	Resolved*	6/21/2023	Status*	Further Review Needed/Comments**	Resolved*	7/25/2023	Status*	Further Review Needed/Comments**	Resolved*	8/22/2023	Status*	Further Review Needed/Comments**	Resolved*	9/19/2023	Status*	Further Review Needed/Comments**	Resolved*
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-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
27	T - 5.j.		Trip Diversion	status	✓	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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
31	M - 4.1.4	11	Post-5.0 Earthquake Analysis	upon event	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
32	M - 4.2.12	27	Heavy Equipment Operations	ongoing	✓	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	
34	M - 4.2.12	28	Site Erosion-Cover	ongoing	✓	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	
36	M - 4.2.12		Site Erosion-Sealant	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
37	M - 4.2.13	29	LFG Control Measures	ongoing	/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i	
38	M - 4.2.13	30	Operational Odor Control Techniques	ongoing	/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i	
39	M - 4.2.13	31	Solid Waste Compaction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
40	M - 4.2.13	32	LFG Collection and Recovery System	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
41	M - 4.2.13	33	Odor Control Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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42	M - 4.2.13	34	Odor/LFG Monitoring	ongoing	/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i	
43			Periodic LFG Monitoring		/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i	
44	M - 4.3.2	52	LFG Migration Mitigation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
45	M - 4.3.2	57	Dust Control Water	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
46	M - 4.4.2	69	Offsite Mitigation Sites	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
47	M - 4.4.2	70	Purchasing Wetland Credit	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	
50	M - 4.7.1	86	Open Space Buffer Area	ongoing	✓	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	
52	M - 4.9.3	107	Litter/Debris Containment	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
53	M - 4.9.3	108	Vehicle Tarping Requirements	ongoing	✓	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		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
55	M - 4.9.3	110	Illegal Dumping Activities	ongoing	✓	NC	I-d		✓	NC	I-e		✓	NC	I-f		✓	NC	I-g		✓	NC	I-h		✓	NC	I-i	
56	M - 4.9.3	111	Radio Dispatch Litter Control	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
57	M - 4.9.3	112	Litter Control	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	
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	
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	

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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	
64																												
65	Civil & Geotechnical Engineer																											
66																												
67																												
68	M - 4.1.1	2	Grading Outside of Conceptual Grading Plan Area	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
69	M - 4.1.1	3	Unsuitable Material Removal/Buffer Zones	ongoing																								
70	M - 4.1.1	4	Grading Outside of Landfill Footprint	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
71	M - 4.1.1	5	Grading Activity Compliance	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
72	M - 4.1.2	8	Landslide Guidelines	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
73	M - 4.1.2	9	Soil Stabilization	ongoing																								
74	M - 4.1.4	10	Landfill Design	ongoing																								
75	M - 4.1.4	11	Earthquake Operations Checklist	upon event	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
76	M - 4.1.5	12	Geologic Hazards - Liquefaction	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
77	M - 4.1.5	13	Design/Construction-Liquefaction	ongoing																								
78	M - 4.1.5	14	Design/Construction-Containment Structures	ongoing																								
79	M - 4.1.6	15	Refuse Slope Gradients	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
80	M - 4.1.6	16	Cut and Fill Slope Gradients	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
81	M - 4.1.6	17	Final Slope Factors of Safety	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
82	M - 4.1.6	18	Survey Monuments	ongoing	✓	NC	I-d		✓	NC	I-e		✓	NC	I-f		✓	NC	I-g		✓	NC	I-h		✓	NC	I-i	
83	M - 4.3.2	47	Landfill Liner	ongoing																								

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84	M - 4.3.2	48	Landfill Liner	ongoing																								
85	M - 4.3.2	54	Preliminary Closure/Postclosure Plan	status																								
86	M - 4.3.2	55	Landfill Design/Operation/Final Closure Monitoring	status																								
87	M - 4.3.2	56	Cover Application	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
88	M - 4.14.1	155	Access Roadway Grade	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
89	M - 4.18	178	Landfill Elevation Exceedance	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
90																												
91	Hydrologist																											
92																												
93																												
94	M - 4.1.4	11	Earthquake Operations Checklist	upon event	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
95	M - 4.3.1	36	Surface Water Infiltration Minimization	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
96	M - 4.3.1	37	Surface Drainage Systems	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
97	M - 4.3.1	38	Permanent/Temporary Ditches	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
98	M - 4.3.1	39	Drainage Protection	ongoing	✓	C	I-d		✓	C	I-e		✓	FRN	I-f		✓	C	I-g		✓	C	I-h		✓	FRN	I-i	
99	M - 4.3.1	40	SWRCB Permit Coverage	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
100	M - 4.3.1	41	Surface Water Collection System	ongoing																								
101	M - 4.3.1	42	Surface Water Quality Monitoring	ongoing																								
102	M - 4.3.1	43	Sediment Basin Maintenance	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
103	M - 4.3.1	44	Final Landfill Cover	ongoing																								
104	M - 4.3.1	45	Erosion Control Plan	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
105	M - 4.3.1	46	Preventive Maintenance Program	ongoing	✓	NC	I-d		✓	NC	I-e		✓	NC	I-f		✓	NC	I-g		✓	NC	I-h		✓	NC	I-i	

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106	M - 4.3.2	49	Interception of Groundwater Seepage	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
107	M - 4.3.2	50	LCRS/Leachate Monitoring	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
108	M - 4.3.2	51	LCRS Monitoring	ongoing																								
109																												
110	Biologist																											
111																												
112																												
113	M - 4.1.1	6	Slope Erosion Control	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
114	M - 4.2.11	23	Revegetation/Excavation	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
115	M - 4.2.12		Temporary Vegetation Cover	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
116	M - 4.4.1	60	Coastal Sage Scrub Mitigation Plan	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
117	M - 4.4.1	61	Coastal Sage Scrub Seeding	ongoing																								
118	M - 4.4.1	62	Mariposa Lily Mitigation Plan	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
119	M - 4.4.1	63	San Diego Horned Lizard Mitigation	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
120	M - 4.4.1	64	California Gnatcatcher Surveys	ongoing	/				/				/				/				/				/			
121	M - 4.4.1	65	Least Bell's Vireo Surveys	ongoing	/				/				/				/				/				/			
122	M - 4.4.1	66	Western Burrowing Owl Surveys	ongoing	/				/				/				/				/				/			
123	M - 4.4.1	67	Migratory Bird Treaty Act	ongoing	/				/				/				/				/				/			
124	M - 4.4.1	68	Raptor Nests Habitat	ongoing	/				/				/				/				/				/			
125	M - 4.4.3	72	Native Tree Mitigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
126	M - 4.4.3	73	Nonnative Tree Mitigation	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
127	M - 4.4.3	74	Mitigation Tree Planting	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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128	M - 4.4.3	75	Tree Planting Mitigation Site Prep	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
129	M - 4.4.3	76	Poultry Wire Screen	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
130	M - 4.4.3	77	Backfill Material	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
131	M - 4.4.3	78	Tree Planting Procedure	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
132	M - 4.4.3	79	Tree Area Mulching	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
133	M - 4.4.3	80	Tree Irrigation/Fertilization	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
134	M - 4.4.3	81	Irrigation System	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
135	M - 4.4.3	82	Annual Tree Monitoring Report	annual	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
136	M - 4.9.2	96	Vector Activity Monitoring	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
137	M - 4.9.2	97	Vector Elimination	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
138	M - 4.9.2	98	Fly Control	ongoing																								
139	M - 4.9.2	99	Rodent Control	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
140	M - 4.9.2	100	Operational Vector-Limiting Activity	ongoing																								
141	M - 4.9.2	101	Equipment Cleanliness/Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
142	M - 4.9.2	102	Storage of Vector-Attracting Items	ongoing																								
143	M - 4.9.2	103	Salvaged Material Storage-Vector Control	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
144	M - 4.9.2	104	Periodic Vector Inspections	ongoing																								
145	M - 4.9.2	105	Implementation of Vector Control Measures	ongoing																								
146																												
147	Air Quality & Noise Specialist																											
148																												
149																												

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150	M - 4.2.11	19	Emissions Mitigation Measures	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
151	M - 4.2.11	19	Construction Curtailing due to Pollution	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
152	M - 4.2.11	20	Dust Lofting Minimization	ongoing																								
153	M - 4.2.11	21	Wind Speed Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
154	M - 4.2.11	22	Grading-Dust Reduction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
155	M - 4.2.12	24	Construction Equipment Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
156	M - 4.2.12		Construction Curtailing due to Pollution	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
157	M - 4.2.12	25	Refuse Trucks-Maintenance	ongoing																								
158	M - 4.2.12		Refuse Trucks-Engine	ongoing																								
159	M - 4.2.12		Refuse Trucks-Fee Schedule	ongoing																								
160	M - 4.2.12		Refuse Trucks-Fee Schedule Delivery Time	ongoing																								
161	M - 4.2.12		Refuse Trucks-Idling	ongoing																								
162	M - 4.2.12		Refuse Trucks-Emissions	ongoing																								
163	M - 4.2.12	26	Truck Travel and Fugitive Dust Emissions	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
164	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																								
165	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																								
166	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																								
167	M - 4.5.2	83	Landfill Hours	info	/				/				/				/				/				/			
168	M - 4.5.2	84	Landfill Equipment-Noise Reduction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
169																												
170	Hydrology, Hazardous Waste / Risk of Upset																											

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171																												
172																												
173	M - 4.3.2	53	Groundwater Monitoring Wells	ongoing																								
174	M - 4.3.2	58	Operation as Class III Landfill	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
175	M - 4.3.2	59	Underground Fuel Storage	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
176	M - 4.9.1	90	Refuse Inspection Program	ongoing																								
177	M - 4.9.1	91	Hazardous Waste Load-Checking	status																								
178	M - 4.9.1	93	Hazardous Waste Detection Training	status																								
179	M - 4.9.1	94	Spill Response Program	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
180	M - 4.9.4	115	Safety Inspections/Checklists	ongoing																								
181	M - 4.9.4	118	Accident/Injury reports, Inspections	status																								
182	M - 4.9.4	121	Fire Prevention Plan	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
183	M - 4.9.4	123	Personal Protective Equipment	ongoing																								
184	M - 4.9.4	125	Site Access/Fencing	ongoing	✓	C	NONE		✓	C	NONE		✓	FRN	I-f		✓	C	NONE		✓	C	NONE		✓	FRN	I-i	
185	M - 4.14.1	147	Fire Response Capabilities	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
186	M - 4.14.1	148	Hydrant Installation	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
187																												
188	Archaeologist																											
189																												
190																												
191	M - 4.19.1	183	Archaeological Resurvey	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
192	M - 4.19.1	184	Onsite Archaeologist	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
193	M - 4.19.1	185	Archaeological Resources	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	

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194	M - 4.19.1	186	Archaeological Resources	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
195																												
196	Paleontologist																											
197																												
198																												
199	M - 4.19.2	187	Paleontological Resources Resurvey	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
200	M - 4.19.2	188	Paleontological Resources Excavation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
201	M - 4.19.2	189	Paleontological Resources Training	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
202	M - 4.19.2	190	Paleontological Resources Recovery	ongoing																								
203	M - 4.19.2	191	Paleontological Resources Inspection	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	

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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	
5	Amendment 45.N - 3	45N	Daily Cover Procedure	ongoing	✓	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-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i	
7	Amendment 45.N - 4.c	45N	Odor Patrol Program	ongoing	/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i	
8	Amendment 45.N - 4.d	45N	Landfill Gas Mitigation Plan	ongoing	/		I-d		/		I-e		/		I-f		/		I-g		/		I-h		/		I-i	
9	Amendment 45.N - 5	45N	Dust and Odor Reports	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
10																												
11	Combined Site & Bridge Area -20.A	20.A	Joint Powers Authority	info	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
15	Revegetation - 44.F	44.F	Revegetation	status	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
16	Fugitive Dust - 45.B	45.B	Working Face Areas	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
17	Fugitive Dust - 45.F	45.F	Inactive Areas Monitoring	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
18	Fugitive Dust - 45.I	45.I	Cleaning of Roads	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
19	Litter Control - 46.A - .D	46A-D	Litter Control Program	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
20	Gas - 52	52	Landfill Gas Collection System	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
21	Traffic - 57	57	Traffic Improvements	status	✓	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	
23	Traffic - 61	61	Traffic Minimization	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
24	Permittee Fees - 64 - 72	64-72	Permittee Fees	info	/				/				/				/				/				/			

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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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
29	Alternative Fuel Vehicles - 77.B	77.B	Alternative Fuel Vehicles-Refuse/Collection Trucks	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
33	Alternative Fuel Vehicles - 77.F	77.F	Alternative Fuel Vehicles-Non-diesel Truck Trip Requirements	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
46	Surface Water - 2.15		Surface Water Preventive Maintenance Program	ongoing	✓	NC	I-d		✓	NC	I-e		✓	NC	I-f		✓	NC	I-g		✓	NC	I-h		✓	NC	I-i	

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47	Groundwater - 3.13		Groundwater-LFG Migration Mitigation	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
48	Groundwater - 3.14		Groundwater-Monitoring Wells	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
49	BIOTA – 4.05		Annual Fee Submission for SEA Studies	status	/				/				/				/				/				/			
50	BIOTA – 4.06		Buffer Zone Maintenance as Nature Preserve	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
51	BIOTA – 4.07		Buffer Zone Maintenance-Vegetation	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
52	BIOTA – 4.08		Ridgeline Maintenance-Remain Undisturbed	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
53	BIOTA – 4.47		Cleaning of Equipment	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
54	BIOTA – 4.48		Monitoring of Vector-Attracting Items	ongoing																								
55	BIOTA – 4.49		Salvaged Material Storage-Vector Control	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
56	BIOTA – 4.50		Vector Activity Monitoring	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
57	Air Quality - 6.03		Dust Emission Minimization	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
58	Air Quality - 6.04		Usage of Cut Material for Cover	ongoing	✓	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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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																								

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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	
73	Odor/Landfill Gas – 7.02		Landfill Gas Collection System	ongoing	✓	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	
76	Odor/Landfill Gas – 7.06		Odor Control Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
77	Odor/Landfill Gas – 7.07		Gas Recovery and Sale	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
78	Traffic/Circulation – 8.03		Street Light Installation	status	✓	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	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
88	Visual – 10.11		Solid Waste Load Procedures-Improperly Covered/Contained	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
89	Visual – 10.11		Debris Removal at Entrance	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
90	Visual – 10.11		Litter Control-Fencing	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
91	Visual – 10.11		Periodic Litter Pickup	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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92	Visual – 10.11		Litter Control-Additional Measures	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
93	Visual – 10.12		Discharge Control/Litter Recovery	status																								
94	Water Conserv. - 11.01		Water Conservation	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
95	Recycling - 14.01		On-site Waste Diversion/Recycling	ongoing	✓	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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
104	Landfill Operation - 18.7		Graffiti Removal/Deterrent Plan	ongoing	✓	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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
127																												
128	Geology - 1.01		Survey Monument Locations	ongoing	✓	NC	I-d		✓	NC	I-e		✓	NC	I-f		✓	NC	I-g		✓	NC	I-h		✓	NC	I-i	
129	Geology - 1.02		Seismic Design	ongoing																								
130	Geology - 1.03		Maximum Refuse Slope Gradients	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
131	Geology - 1.04		Maximum Refuse Slope Gradients	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
132	Geology - 1.05		Unsuitable Material Procedures	ongoing																								

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133	Geology - 1.06		Grading Activities Procedures	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
134	Geology - 1.07		Grading Activities Procedures	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
135	Geology - 1.09		Outer Perimeter Ridgeline Requirements	info	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
136	Geology - 1.12		Soil Stabilization	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
137	Geology - 1.16		Checklists/Surveys Following Earthquake	upon event	✓	NA	NONE		✓	NA	NONE		✓	NA	NONE		✓	NA	NONE		✓	NA	NONE		✓	NA	NONE	
138	Geology - 1.18		Alluvium-Removal/Replacement	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
142	Surface Water - 2.05		Underdrain Requirements	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
147	Visual – 10.01		Landfill Elevations	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
148	Visual – 10.02		Final Fill Elevations	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
149																												
150	Hydrologist																											
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																								

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157	Surface Water - 2.02		Surface Water Runoff Collection	ongoing																								
158	Surface Water - 2.03		Surface Drainage Control-Maintenance	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
159	Surface Water - 2.04		Sedimentation Basin Capabilities	ongoing													✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
160	Surface Water - 2.05		Underdrain Placement	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
161	Surface Water - 2.07		Drainage Control System Design Approval	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
162	Surface Water - 2.08		Surface Water Runoff-Drainage System	ongoing													✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
163	Surface Water - 2.10		Surface Water Collection System-Monitoring	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	NC	I-g		✓	NC	I-h		✓	NC	I-i	
164	Surface Water - 2.11		Surface Water Quality-Collection/Monitoring	ongoing																								
165	Surface Water - 2.12		Permanent/Temporary Drainage Facilities	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
166	Surface Water - 2.13		Permanent/Temporary Drainage Facilities	ongoing																								
167	Surface Water - 2.14		Erosion Control Plan	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	✓	NC	I-d		✓	NC	I-e		✓	NC	I-f		✓	NC	I-g		✓	NC	I-h		✓	NC	I-i	
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	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	

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181	Geology - 1.14		Personnel Retention for Monitoring Soil Erosion	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
182	Groundwater - 3.11		Irrigation/Revegetation Management- Personnel Retention	ongoing																								
183	BIOTA – 4.10		Oak Tree Permit	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
184	BIOTA – 4.11		Oak Tree Mitigation Plan	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
185	BIOTA – 4.13		Oak Tree Mitigation Counting	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
186	BIOTA – 4.20		Poultry Wire Screen	ongoing	✓	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	
188	BIOTA – 4.27		Coastal Sage Scrub Mitigation Plan	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	
191	BIOTA – 4.30		California Gnatcatcher Surveys	ongoing	✓	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	
193	BIOTA – 4.32		Western Burrowing Owl Surveys	ongoing	✓	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		✓	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	
196	BIOTA – 4.36		Personnel Retention for Monitoring Revegetation Plan	ongoing																								
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-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
202	BIOTA – 4.43		Replacement Riparian Habitat	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
203	Air Quality - 6.02		Dust Control	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
204	Visual – 10.06		Upper Ridge Planting/Revegetation	ongoing																								

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205	Visual – 10.07		Tree Planting Around Perimeter	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
206	Visual – 10.08		Cover/Revegetation Requirements	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
207	Visual – 10.08		Solid Waste Disposal Procedures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
208	Visual – 10.08		Final Cut Slope Steepness	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
209	Visual – 10.08		Final Fill Slopes-Reclamation/Revegetation	status	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
210	Visual – 10.08		Revegetation Requirements	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
211	Visual – 10.09		Final Cover Composition Requirements	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
212	Visual – 10.10		Buffer Zone Maintenance	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
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	
215																												
216	Air Quality & Noise Specialist																											
217																												
218																												
219	Fugitive Dust - 45.F	45.F	Fugitive Dust Monitoring	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
220	Fugitive Dust - 45.I	45.I	Paved Roads-Cleaning	ongoing	✓	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		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
226	Air Quality – 6.01		Working Face Requirements	ongoing	✓	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	

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228	Air Quality – 6.01		Soil Stockpile Requirements	ongoing	✓	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	
230	Air Quality – 6.01		Soil Sealant	ongoing																								
231	Air Quality – 6.01		Dust Emissions-Road Maintenance	ongoing	✓	C	I-d		✓	C	I-e		✓	C	I-f		✓	C	I-g		✓	C	I-h		✓	C	I-i	
232	Air Quality – 6.01		Access Roads-Paving	ongoing	✓	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	
234	Air Quality – 6.01		Water Tanks/Piping Maintenance	ongoing	✓	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	
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	/				/				/				/				/				/			
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		✓	C	NONE		✓	C	NONE	
244	Admin Rpts/ Pgms-17.16		Air Quality Monitoring-Corrective Action Plan	ongoing	/				/				/				/				/				/			
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																								

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** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(07-01-2023 through 09-30-2023)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	Second Quarter 2023												Third Quarter 2023											
					4/19/2023	Status*	Further Review Needed/Comments**	Resolved*	5/16/2023	Status*	Further Review Needed/Comments**	Resolved*	6/21/2023	Status*	Further Review Needed/Comments**	Resolved*	7/25/2023	Status*	Further Review Needed/Comments**	Resolved*	8/22/2023	Status*	Further Review Needed/Comments**	Resolved*	9/19/2023	Status*	Further Review Needed/Comments**	Resolved*
253	Groundwater - 3.15		Underground Diesel Fuel Storage Tanks	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
254	Fire Service - 12.02		On-site Fire Response Capabilities-Operating Equipment	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
255	Fire Service - 12.03		On-site Fire Response Capabilities-Roads/Water	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
256	Fire Service - 12.04		On-site Fuel Storage Tanks-Permit Issuance	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
257	Fire Service - 12.05		Building Limits	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
258	Fire Service - 12.06		Methane Gas Monitoring-On-site Structures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
259	Hazardous Materials – 13.02		Waste Load Checking Program	ongoing																								
260	Hazardous Materials – 13.05		Hazardous Waste Disposal	ongoing																								
261	Hazardous Materials – 13.10		Hazardous Waste-Procedures	ongoing																								
262	Hazardous Materials – 13.11		Spill Response Program	ongoing																								
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	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
276	IMP - Part VII.B	IMP7	Archaeological/Paleontological Report Submission	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	

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Sunshine Canyon Landfill County Mitigation Monitoring Summary
(07-01-2023 through 09-30-2023)

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277	Archaeological – 5.01		Archaeological Resurvey	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
278	Archaeological – 5.02		Onsite Archaeologist	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
279	Archaeological – 5.03		Onsite Paleontologist	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
280	Archaeological – 5.04		Archaeological/Paleontological Identification Instruction	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
281	Archaeological – 5.05		Archaeological Resource Curation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
282																												
283	Paleontologist																											
284																												
285																												
286	Ecological Significance - 62	62	Archaeological/Paleontological -Material Identification/Conservation	ongoing	✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h		✓	FRN	I-i	
287	IMP - Part VII.B	IMP7	Archaeological/Paleontological-Report Submission	ongoing																								

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Appendix I

Further Review Needed Comments: Reference I-g through I-i Third Quarter 2023 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-g through I-i: There was no grading outside of the approved landfill development limits during the 3rd Quarter. The road realignment work was not within the Sunshine Canyon waste fill limits, but is in the CUP-approved areas for ancillary uses. The road realignment also included a new sedimentation basin and the removal of a portion of the existing terminal basin and the westside inlet channels to that basin. This was in preparation for the construction of a final toe berm. Grading up the canyon from the terminal basin was occurring. The JTD City/County CUP condition 1.18 requires that all alluvium soils be removed prior to filling with compacted soils. Alluvium removal is to be verified by a qualified geologist. The monitor was not able to obtain the geotechnical reports concerning alluvial removal or county code compliance. Alluvial water was being collected in a temporary basin up-canyon of the grading. Water was being discharged into the terminal basin's outlet channel. Soil was being moved by scrapers from the new access road stockpile to the toe berm location. Trucks were also bringing imported soil directly to that location. It looks like this soil placement and grading is the construction of the foundation of the final buttress. No city-approved drawings were available for review. No soil testing or compaction of the soil was seen, except for scrapers traveling on the soil to compact it. The terminal basin's damaged outlet riser was repaired by the end of July. The structural support and litter control riser top was still being worked on. The soil quantity trucked into the landfill was not being recorded at the scales nor by a field observer. Cells CC-4 Part 3, 4 and 5 were accepting waste during the 3rd Quarter.
		Geology - 1.07	County DPW EPD/SCL-LEA	I-g through I-i: See Q – B.2.c above.
		Geology - 1.12	County DPW EPD/SCL-LEA	I-g through I-i: See Q – B.2.c above.
	Q - C.3.h		City Planning	I-g through I-i: In the 3rd Quarter, localized dust clouds occurred on dirt roads to and on the County top deck when waste hauling transfer and packer trucks used the dirt roads going to the active waste disposal areas and when soil importation trucks were delivering soil. These temporary roads did not have rock nor recycled concrete surfacing or soil stabilizer to control dust generation. The dust was not observed leaving the site.
	Q - C.10.c		City Planning	I-g: The gas-to-energy plant was using 8797 SCFM of recovered landfill gas. The recovered gas flared was: Flare 1: 2578; Flare 3: not accessible; Flare 9: not operating; Flare 10: 2910 SCFM; Flare 11: 2865 SCFM. The total volume of landfill gas being recovered that the monitor could access data from was 17,150 SCFM. I-h and I-i: During August and September, the gas recovery, flaring and renewable energy data was not recorded because of power outages and access restrictions due to weather conditions.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Project Manager		Odor/Landfill Gas - 7.07	County Planning/SCAQMD SCL-LEA	I-g through I-i: See Q - C.10.c above.
		Gas - 52	County DPW EPD/SCL-LEA County Forester Fire Warden	I-g through I-i: See Q - C.10.c above.
	T-4		City Planning, City Fire Department	I-g through I-i: An updated fire plan showing the new locations of all facilities, and normal and emergency ingress and egress should be prepared and sent to the local City fire department station and City and County planning now that the office facilities have been moved to the new locations and the realignment of the main access road and toe berm are under construction. Emergency egress should be posted for employees and customers.
		Fire Service - 12.03	County DPW EPD/SCL-LEA County Forester Fire Warden	I-g through I-i: See T-4 above.
	M - 4.1.1 / 4	M - Earth Resources	City Department of Building and Safety	I-g through I-i: The rainwater control system for the new access road and sedimentation basin has uncontrolled rainwater impacts on the Gas Company's facility and San Fernando Road. Republic's final design and construction plans for the drainage system for this adjacent canyon development were not made available to be monitored. Drainage improvements, engineering calculations and plans for the whole landfill site were also not available to the monitor. Republic's engineering consultant should have drainage plans and engineering support calculations available for agencies' and monitors' review.
	M - 4.1.1 / 7		City Planning, DOGGR	I-g through I-i: The old abandoned oil well casing adjacent to the north secondary access road from the Flare 11 site was not reabandoned. An evaluation of the need to reabandon this well should be done. This well was not leaking oil or gas, and did not pose a current hazard. It is well beyond the approved landfill limits but inside the ridgeline of Sunshine Canyon. An unabandoned well could be a future problem.
		Re-abandonment Procedures	County Planning, County DPW EPD/SCL-LEA, DOGGR	I-g through I-i: See M - 4.1.1 / 7 above.
	M - 4.1.4 / 11	Post-5.0 Earthquake Analysis	City Planning	I-g through I-i: There were no earthquakes of 5.0 or greater during this monitoring period.
	M - 4.2.12 / 26 and 28		City Planning/SCAQMD	I-g through I-i: During the 3rd Quarter, Closure Turf was being maintained, and gas and liquids recovery systems under the turf were performing well. This cover material was in lieu of vegetation on the south-facing slopes, and controlled and eliminated dust and erosion while also recovering landfill gas and leachate.
		Fugitive Dust - 45.F	County DPH/County LEA County DPW-EPD County Biologist	I-g through I-i: See M - 4.2.12 / 28 above.
	M - 4.2.13/ 29, 30, 32, 33, and 34		City Planning/SCL-LEA/SCAQMD	I-g through I-i: 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 are reported.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Project Manager		Amendment 45.N-4.a, 4.c, 4.d	County DPW-EPD	I-g through I-i: See M -4.2.13/ 29, 30, 32, 34 above.
		Amendment 45.N-5	County DPW-EPD	I-g through I-i: See M -4.2.13/ 29, 30, 32, 34 above.
	M - 4.2.13 / 33		City Planning/SCAQMD	I-g through I-i: On our random days of site visits during the 3rd Quarter, there were no landfill odors detected in the adjacent neighborhoods.
	M - 4.2.13 / 34		City Planning/SCAQMD	I-g through I-i: See M-4.2.13/29, 30, and 32 above.
		Odor/Landfill Gas - 7.06	County DPW-EPD/SCL-LEA/SCAQMD	I-g through I-i: See M-4.2.13/33 above.
		Amendment 45.N - 4.a, 4.c, 4.d	County DPW-EPD	I-g through I-i: See M-4.2.13/29, 30, 32, and 34 above.
		Amendment 45.N - 5	County DPW-EPD	I-g through I-i: See M-4.2.13/29, 30, 32, and 34 above.
		Surface Water - 2.15	County DPW EPD/ LARWQCB, SCL- LEA	<p>I-g through I-i: A preventative maintenance program with inspection of facility equipment, systems and storm water management devices to detect conditions that may cause breakdowns or failures resulting in discharge of materials into stormwater should be performed on a monthly basis, with a summary report issued on a quarterly basis. These reports have been reviewed prior to COVID-19 restrictions and were available at the landfill's main office.</p> <p>In the 3rd Quarter, it was observed that vegetation was growing out of numerous cracks in the water retention basins and drainage conveyance channels' concrete. There were areas of the channels and basins that needed the growing vegetation to be removed, and repair of the concrete and sealing of cracks. These clean-up and maintenance tasks are put on the monthly preventative maintenance program work list. The concrete drainage channel's wall south of Basin B has the soil supporting the wall being washed away by rain. The concrete wall is compromised by not stopping water from flowing into the back of the wall. Areas of the wall are cracked and are moving. There was no progress in performing this maintenance.</p>
	M - 4.4.2/ 69		City Planning	I-g through I-i: The status on providing offsite wetland and riparian mitigation has not changed in the 3rd Quarter. The City was proceeding with writing and adopting an ordinance to allow the wetlands and riparian mitigation to be created in the Chatsworth Reservoir. All environmental analysis has been completed. Republic stated that there has been no progress in finalizing and adopting the ordinance. Since the COVID-19 pandemic, progress has been suspended. The delay in the issuance of the City ordinance is delaying any progress in creating the required wetlands and riparian mitigation. Time extension letters from the US Corps of Engineers and the California Department of Fish and Wildlife were in place for 2019. New extension letters were not obtained since then. The feasibility of the Chatsworth Dam mitigation site needs to be evaluated as still being a potential mitigation site.
		Biota - 4.4.3	CDFW	I-g through I-i: See M - 4.4.2 / 69 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Civil and Geotechnical Engineer	M - 4.9.3 / 110		City Planning/City LEA	I-g through I-i: In the 3rd Quarter, there was no litter or illegal dumping observed in the adjacent neighborhood. There was illegal dumping on the shoulder of Sierra Highway near the I-14 overpass.
	M - 4.1.1 / 2		City Building and Safety City Planning	I-g through I-i: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 4		City Planning/LARWQCB Cal Recycle	I-g through I-i: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 5		City Planning/ LARWQCB Cal Recycle	I-g through I-i: There was no grading outside of the approved landfill development limits during the 3rd Quarter. Grading for the main access road realignment in the small valley south of the current main access road had minimal work being done. The construction plans and supporting geotechnical reports were reviewed and approved by City Planning and the City Building Department. The City also approved brush and tree clearance and hillside grading. The technical reports and detailed plans were not available for review by the monitor. Compliance with County Geology - 1.07 was not able to be verified by the monitor.
		Geology - 1.07	County DPW EPD/ County LEA	I-g through I-i: See M - 4.1.1 / 5 above.
	M - 4.1.5 / 12		City Planning/LARWQCB Cal Recycle	I-g through I-i: See M - 4.1.1 / 5 above.
	M - 4.1.6 / 18			I-g through I-i: A significant number of the landfill perimeter boundary survey PVC marker pipes have been removed in areas where Edison pole grading took place, near the Flare 11 site pad grading and near the CC-4 Part 3 buttress. All PVC boundary markers need to be verified and replaced if missing.
	M - 4.14.1 / 155		City Planning/Cal Recycle PW-BOE LADBS City LEA	I-g through I-i: Access roads were being maintained around the working area for emergency access. The final perimeter access road construction on the westside was completed. Wet weather surfacing or paving was not done.
	M - 4.18 / 178		City Planning/City LEA	I-g through I-i: A site map showing areas that are at the final elevations and which should have final cover should be available for review. A map showing other filled elevations should also be available onsite for review. Stockpiled soil should also be indicated in recorded elevations.
		Visual - 10.01 Visual - 10.02	County DPW EPD/ LARWQCB SCL-LEA	I-g through I-i: See M - 4.18 / 178 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Civil and Geotechnical Engineer	M - 4.3.1/ 37, 38		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE	I-g through I-i: Surface drainage systems were in-place to intercept or divert rainwater away from prior landfill cells and current filling operations. Most of these were temporary systems in active areas, and most conveyance V-ditches were unlined. The construction of the final toe berm and main access road realignment project is ongoing. This is a two-year project and includes a new basin, modification of the terminal basin, and the construction of new drainage channels, and possibly a new upstream basin from the terminal basin. The road realignment will entail the construction of a new main access road, a 350,000-cubic-foot sedimentation basin, drainage improvements in the ravine south of the current entrance, and modifications to the terminal basin's size and inlet sources. The design plans, design details and engineering calculations were submitted to the City for permit approval. The design plans and engineering reports were not available for review by the monitor nor submitted to the LACDPW for approval. Compliance with Surface Water - 2.03 could not be verified. An engineering evaluation of the total site's surface drainage system should be done which reflects the current system's modifications. Onsite drainage channels should be designed per CCR, Title 23, Division 3, Chapter 15, Article 3, Section 2533(C), and County of Los Angeles Public Works Department, Flood Control requirements.
Hydrologist		Surface Water - 2.03 Surface Water - 2.12	County DPW EPD/ LARWQCB SCL-LEA	I-g through I-i: See M - 4.3.1/ 37, 38 above.
	M - 4.3.1 / 39		City Planning/LARWQCB Cal Recycle	I-g through I-i: See M - 4.3.1/ 37, 38 above.
	M - 4.3.1 / 40		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-g through I-i: See M - 4.3.1/ 37, 38 above.
	M - 4.3.1 / 43		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-g through I-i: In the 3rd Quarter none of the basins or channels were fully cleared of sediment. Major modifications were made to the terminal basin and its inlet channels. No hydrology reports were available to the monitor or the County. The damaged terminal basin outlet riser was repaired. Sediment, small rocks and debris were still being discharged into the outlet channel to the County flood control drainage system.
		Surface Water - 2.10	LARWQCB / County DPW EPD	I-g through I-i: See M - 4.3.1/ 37, 38 and 43 above.
		Surface Water - 2.14	LARWQCB / County DPW EPD	I-g through I-i: See M - 4.3.1/ 37, 38 and 43 above.
	M - 4.3.1/ 46		City Planning/ LARWQCB CalRecycle PW-BOE	I-g through I-i: See 2.15 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Hydrologist	M - 4.3.2 / 50		City Planning/ LARWQCB CalRecycle SCL-LEA	I-g through I-i: The old City North top deck has a tank farm of 16 Adler storage tanks for processing recovered leachate and condensate, with a double-wall pipeline to the sewer connection at the entrance near San Fernando Road. This system operated with no odors detected at the tank farm nor the sewer connection during the 3rd Quarter. Tank farm liquids were being treated with 30% hydrogen peroxide at the tank farm and at the sewer connection. The access road's rainwater drain was plugged and the road was flooded.
Biologist	M - 4.1.1 / 6		City Planning/ LARWQCB CalRecycle SCL-LEA LADBS	I-g through I-i: See M - 4.2.12 / 28 above.
		Geology - 1.14	LARWQCB/ County Forester	I-g through I-i: See M - 4.2.12 / 28 above.
	M - 4.2.11 / 23		City Planning	I-g through I-i: See M - 4.2.12 / 28 above.
		Geology - 1.13	County DPW EPD/ County Forester LARWQCB	I-g through I-i: See M - 4.2.12 / 28 above.
	M - 4.2.12		SCL-LEA/ City Planning	I-g through I-i: See M - 4.2.12 / 28 above.
		Revegetation - 44.A	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-g through I-i: See M - 4.2.12 / 28 above.
		Revegetation - 44.F	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-g through I-i: See M - 4.2.12 / 28 above.
		Biota - 4.42	SCL-LEA	I-g through I-i: See M - 4.2.12 / 28 above.
		Air Quality - 6.02	SCAQMD/ SCL-LEA	I-g through I-i: See M - 4.2.12 / 28 above.
		Visual - 10.08	County Forester	I-g through I-i: See M - 4.2.12 / 28 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Biologist	M - 4.4.1 / 60		City Planning	I-g through I-i: During the 3rd Quarter, City sage mitigation area decks B and C were being maintained by the removal of non-native vegetation. Native vegetation was doing well. Bare spots are being filled-in from seeds and spreading of prior planted native plants. The condition of the PM-10 oak trees was still being evaluated by Republic's consulting biologists. Their yearly mitigation tree status report was being prepared. There was a substantial amount of dead PM-10 trees observed by the monitor. No schedule for replacement has been issued. There was no activity on the County sage mitigation area. Native plants were doing well in the County sage area, repopulating in the areas where they naturally came back. No mitigation revegetation activity was done for this area in the 3rd Quarter. Areas of Decks B and C were being graded for the new temporary waste hauling access road. There appears to be minimal impacts to the sage mitigation areas.
		Biota - 4.27	County LEA/CDFW	I-g through I-i: See M - 4.4.1 / 60 above.
		Biota - 4.10	County LEA/CDFW	I-g through I-i: Republic's biologist consultant has not yet issued an updated mitigation tree report. The number and type of trees that will need to be replaced and schedule of planting will be addressed in this report.
	M - 4.4.3 / 72		City Planning	I-g through I-i: See Biota - 4.10 above.
	M - 4.9.4 / 121		City Planning/Cal Recycle Cal OSHA LAFD City LEA	I-g through I-i: See T-4 above.
	M-4.9.4/ 125		City Planning/ CalRecycle Cal OSHA SCL-LEA	I-g through I-i: During the 3rd Quarter, the north perimeter gate was observed not to be locked.
Paleontologist	M-4.19.2/ 191		City Planning	I-g through I-i: During the 3rd Quarter, grading was performed in native undisturbed areas that required archeological and paleontological monitoring. Reports were not available for review.
		Ecological Significance 62	County Planning	I-g through I-i: See M-4.19.2/ 191 above.

Appendix II

Relevant Site Photos

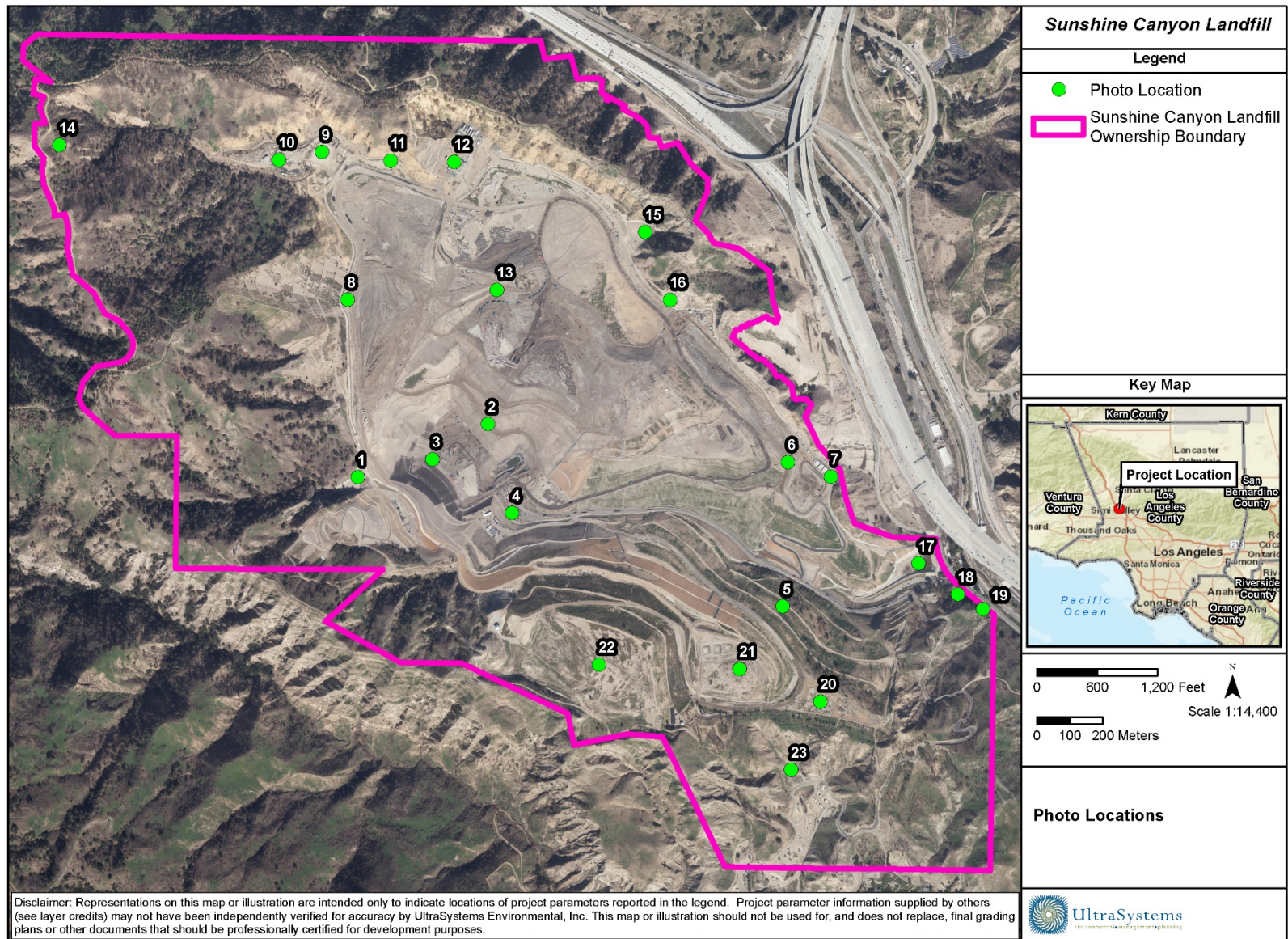


Photo Location Map Key

Map Location	Title	Photo Number
1	Basin A	1 – 16
2	Working Area, CC4 Part 1/2	–
3	Working Area, CC-4 Part 3	–
4	Working Area, CC-4 Part 4	17 – 57
5	Closure Turf	58 – 59
6	Office and Scales Location	60 – 66
7	Alder Tank Liquids Treatment System	–
8	County Sage Mitigation Area and Westside Drainage Channels	67 – 82
9	Basin D	–
10	Basin D Material Storage Area	–
11	Basin D Outlet Channel	–
12	Flares 9, 10, 11 and Gas-to-Energy Facility	83 – 95
13	County Top Deck	96 – 112
14	North Access Road	–
15	Basin B	113 – 128
16	Eastside Drainage Channel	129 – 139
17	Terminal Basin	140 – 186
18	Greywater Sewer Connection	–
19	Retaining Wall at San Fernando Road	–
20	Sage Mitigation, Deck C	187 – 190
21	Sage Mitigation, Deck B	191 – 193
22	Sage Mitigation, Deck A	–
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–	General Site, Road Realignment	203 – 349



Photo 1: Basin A: July 25, 2023



Photo 2: Basin A: July 25, 2023



Photo 3: Basin A: July 25, 2023



Photo 4: Basin A: July 25, 2023



Photo 5: Basin A: July 25, 2023



Photo 6: Basin A: July 25, 2023



Photo 7: Basin A: July 25, 2023



Photo 8: Basin A: July 25, 2023



Photo 9: Basin A: July 25, 2023



Photo 10: Basin A: July 25, 2023



Photo 11: Basin A: July 25, 2023



Photo 12: Basin A: July 25, 2023



Photo 13: Basin A: July 25, 2023



Photo 14: Basin A: July 25, 2023



Photo 15: Basin A: July 25, 2023



Photo 16: Basin A: July 25, 2023



Photo 17: Working Area, CC-4 Part 4: July 25, 2023



Photo 18: Working Area, CC-4 Part 4: July 25, 2023



Photo 19: Working Area, CC-4 Part 4: July 25, 2023



Photo 20: Working Area, CC-4 Part 4: July 25, 2023



Photo 21: Working Area, CC-4 Part 4: July 25, 2023



Photo 22: Working Area, CC-4 Part 4: July 25, 2023



Photo 23: Working Area, CC-4 Part 4: July 25, 2023



Photo 24: Working Area, CC-4 Part 4: July 25, 2023



Photo 25: Working Area, CC-4 Part 4: July 25, 2023



Photo 26: Working Area, CC-4 Part 4: July 25, 2023



Photo 27: Working Area, CC-4 Part 4: July 25, 2023



Photo 28: Working Area, CC-4 Part 4: July 25, 2023



Photo 29: Working Area, CC-4 Part 4: July 25, 2023



Photo 30: Working Area, CC-4 Part 4: July 25, 2023



Photo 31: Working Area, CC-4 Part 4: July 25, 2023



Photo 32: Working Area, CC-4 Part 4: July 25, 2023



Photo 33: Working Area, CC-4 Part 4: July 25, 2023



Photo 34: Working Area, CC-4 Part 4: July 25, 2023



Photo 35: Working Area, CC-4 Part 4: July 25, 2023



Photo 36: Working Area, CC-4 Part 4: July 25, 2023



Photo 37: Working Area, CC-4 Part 4: August 22, 2023



Photo 38: Working Area, CC-4 Part 4: August 22, 2023



Photo 39: Working Area, CC-4 Part 4: August 22, 2023



Photo 40: Working Area, CC-4 Part 4: August 22, 2023



Photo 41: Working Area, CC-4 Part 4: August 22, 2023



Photo 42: Working Area, CC-4 Part 4: August 22, 2023



Photo 43: Working Area, CC-4 Part 4: August 22, 2023



Photo 44: Working Area, CC-4 Part 4: August 22, 2023



Photo 45: Working Area, CC-4 Part 4: August 22, 2023



Photo 46: Working Area, CC-4 Part 4: August 22, 2023



Photo 47: Working Area, CC-4 Part 4: August 22, 2023



Photo 48: Working Area, CC-4 Part 4: August 22, 2023



Photo 49: Working Area, CC-4 Part 4: August 22, 2023



Photo 50: Working Area, CC-4 Part 4: August 22, 2023



Photo 51: Working Area, CC-4 Part 4: August 22, 2023



Photo 52: Working Area, CC-4 Part 4: August 22, 2023

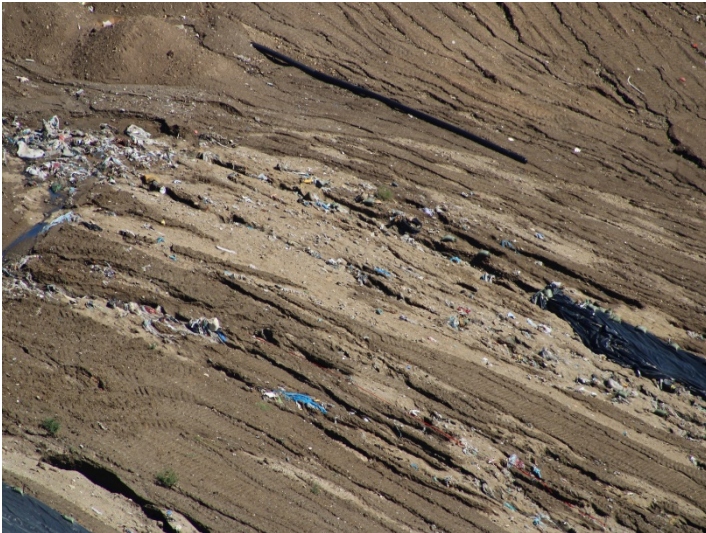


Photo 53: Working Area, CC-4 Part 4: August 22, 2023



Photo 54: Working Area, CC-4 Part 4: August 22, 2023



Photo 55: Working Area, CC-4 Part 4: August 22, 2023



Photo 56: Working Area, CC-4 Part 4: August 22, 2023



Photo 57: Working Area, CC-4 Part 4: August 22, 2023



Photo 58: Closure Turf: July 25, 2023



Photo 59: Closure Turf: July 25, 2023



Photo 60: Office and Scales Location: July 25, 2023



Photo 61: Office and Scales Location: July 25, 2023



Photo 62: Office and Scales Location: July 25, 2023



Photo 63: Office and Scales Location: September 19, 2023



Photo 64: Office and Scales Location: September 19, 2023



Photo 65: Office and Scales Location: September 19, 2023



Photo 66: Office and Scales Location: September 19, 2023



Photo 67: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 68: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 69: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 70: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 71: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 72: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



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Photo 75: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 76: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 77: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 78: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 79: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 80: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 81: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 82: County Sage Mitigation Area and Westside Drainage Channels: July 25, 2023



Photo 83: Flares 9, 10, 11 and Gas-to-Energy Facility: July 25, 2023



Photo 84: Flares 9, 10, 11 and Gas-to-Energy Facility: July 25, 2023



**Photo 85: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 86: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 87: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 88: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 89: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



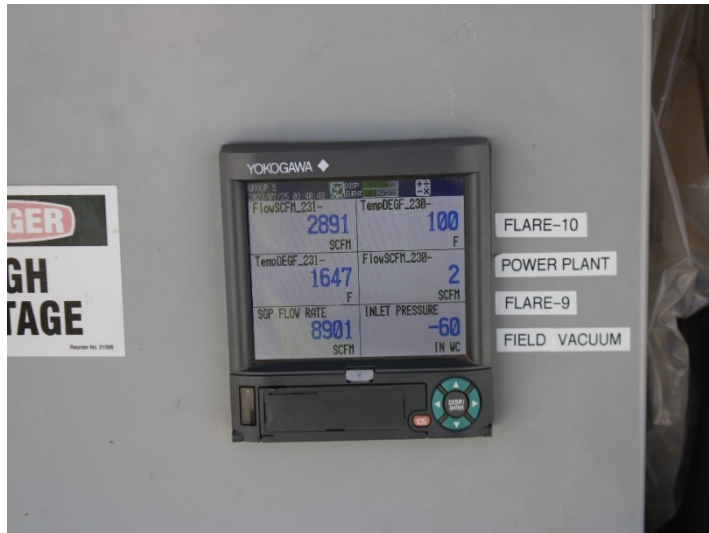
**Photo 90: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 91: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 92: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 93: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 94: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



**Photo 95: Flares 9, 10, 11 and Gas-to-Energy Facility:
July 25, 2023**



Photo 96: County Top Deck: July 25, 2023



Photo 97: County Top Deck: July 25, 2023



Photo 98: County Top Deck: July 25, 2023



Photo 99: County Top Deck: July 25, 2023



Photo 100: County Top Deck: July 25, 2023



Photo 101: County Top Deck: July 25, 2023



Photo 102: County Top Deck: July 25, 2023



Photo 103: County Top Deck: July 25, 2023



Photo 104: County Top Deck: July 25, 2023



Photo 105: County Top Deck: July 25, 2023



Photo 106: County Top Deck: July 25, 2023



Photo 107: County Top Deck: July 25, 2023



Photo 108: County Top Deck: July 25, 2023



Photo 109: County Top Deck: July 25, 2023



Photo 110: County Top Deck: July 25, 2023



Photo 111: County Top Deck: July 25, 2023



Photo 112: County Top Deck: July 25, 2023



Photo 113: Basin B: July 25, 2023



Photo 114: Basin B: July 25, 2023



Photo 115: Basin B: July 25, 2023



Photo 116: Basin B: July 25, 2023



Photo 117: Basin B: July 25, 2023



Photo 118: Basin B: July 25, 2023



Photo 119: Basin B: July 25, 2023



Photo 120: Basin B: July 25, 2023



Photo 121: Basin B: July 25, 2023



Photo 122: Basin B: July 25, 2023



Photo 123: Basin B: July 25, 2023



Photo 124: Basin B: July 25, 2023



Photo 125: Basin B: July 25, 2023



Photo 126: Basin B: September 19, 2023



Photo 127: Basin B: September 19, 2023



Photo 128: Basin B: September 19, 2023



Photo 129: Eastside Drainage Channel: July 25, 2023



Photo 130: Eastside Drainage Channel: July 25, 2023



Photo 131: Eastside Drainage Channel: July 25, 2023



Photo 132: Eastside Drainage Channel: July 25, 2023



Photo 133: Eastside Drainage Channel: July 25, 2023



Photo 134: Eastside Drainage Channel: July 25, 2023



Photo 135: Eastside Drainage Channel: July 25, 2023



Photo 136: Eastside Drainage Channel: September 19, 2023



Photo 137: Eastside Drainage Channel: September 19, 2023



Photo 138: Eastside Drainage Channel: September 19, 2023



Photo 139: Eastside Drainage Channel: September 19, 2023



Photo 140: Terminal Basin: July 25, 2023



Photo 141: Terminal Basin: July 25, 2023



Photo 142: Terminal Basin: July 25, 2023



Photo 143: Terminal Basin: July 25, 2023



Photo 144: Terminal Basin: July 25, 2023



Photo 145: Terminal Basin: July 25, 2023



Photo 146: Terminal Basin: July 25, 2023



Photo 147: Terminal Basin: July 25, 2023



Photo 148: Terminal Basin: July 25, 2023



Photo 149: Terminal Basin: July 25, 2023



Photo 150: Terminal Basin: July 25, 2023



Photo 151: Terminal Basin: July 25, 2023



Photo 152: Terminal Basin: July 25, 2023



Photo 153: Terminal Basin: July 25, 2023



Photo 154: Terminal Basin: July 25, 2023



Photo 155: Terminal Basin: August 22, 2023



Photo 156: Terminal Basin: August 22, 2023



Photo 157: Terminal Basin: August 22, 2023



Photo 158: Terminal Basin: August 22, 2023



Photo 159: Terminal Basin: August 22, 2023



Photo 160: Terminal Basin: August 22, 2023



Photo 161: Terminal Basin: August 22, 2023



Photo 162: Terminal Basin: August 22, 2023



Photo 163: Terminal Basin: August 22, 2023



Photo 164: Terminal Basin: August 22, 2023



Photo 165: Terminal Basin: August 22, 2023



Photo 166: Terminal Basin: August 22, 2023



Photo 167: Terminal Basin: August 22, 2023



Photo 168: Terminal Basin: August 22, 2023



Photo 169: Terminal Basin: August 22, 2023



Photo 170: Terminal Basin: August 22, 2023



Photo 171: Terminal Basin: August 22, 2023



Photo 172: Terminal Basin: August 22, 2023



Photo 173: Terminal Basin: August 22, 2023



Photo 174: Terminal Basin: September 19, 2023



Photo 175: Terminal Basin: September 19, 2023



Photo 176: Terminal Basin: September 19, 2023



Photo 177: Terminal Basin: September 19, 2023



Photo 178: Terminal Basin: September 19, 2023



Photo 179: Terminal Basin: September 19, 2023



Photo 180: Terminal Basin: September 19, 2023



Photo 181: Terminal Basin: September 19, 2023



Photo 182: Terminal Basin: September 19, 2023



Photo 183: Terminal Basin: September 19, 2023



Photo 184: Terminal Basin: September 19, 2023



Photo 185: Terminal Basin: September 19, 2023



Photo 186: Terminal Basin: September 19, 2023



Photo 187: Sage Mitigation, Deck C: July 25, 2023



Photo 188: Sage Mitigation, Deck C: July 25, 2023



Photo 189: Sage Mitigation, Deck C: July 25, 2023



Photo 190: Sage Mitigation, Deck C: July 25, 2023



Photo 191: Sage Mitigation, Deck B: July 25, 2023



Photo 192: Sage Mitigation, Deck B: July 25, 2023



Photo 193: Sage Mitigation, Deck B: July 25, 2023



Photo 194: Southern Ownership Buffer: July 25, 2023



Photo 195: Southern Ownership Buffer: July 25, 2023



Photo 196: Southern Ownership Buffer: July 25, 2023



Photo 197: Southern Ownership Buffer: July 25, 2023



Photo 198: Southern Ownership Buffer: July 25, 2023



Photo 199: Southern Ownership Buffer: July 25, 2023



Photo 200: Southern Ownership Buffer: July 25, 2023



Photo 201: Southern Ownership Buffer: July 25, 2023



Photo 202: Southern Ownership Buffer: July 25, 2023



Photo 203: General Site: July 25, 2023



Photo 204: General Site: July 25, 2023



Photo 205: General Site: July 25, 2023



Photo 206: General Site: July 25, 2023



Photo 207: General Site: July 25, 2023



Photo 208: General Site: July 25, 2023



Photo 209: General Site: July 25, 2023



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Photo 211: General Site: July 25, 2023



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Photo 213: General Site: July 25, 2023



Photo 214: General Site: July 25, 2023



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Photo 217: General Site: July 25, 2023



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Photo 219: General Site: July 25, 2023



Photo 220: General Site: July 25, 2023



Photo 221: General Site: July 25, 2023



Photo 222: General Site: July 25, 2023



Photo 223: General Site: July 25, 2023



Photo 224: General Site: July 25, 2023



Photo 225: General Site: July 25, 2023



Photo 226: General Site: July 25, 2023



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Photo 230: General Site: July 25, 2023



Photo 231: General Site: July 25, 2023



Photo 232: General Site: July 25, 2023



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Photo 234: General Site: July 25, 2023



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Photo 236: General Site: July 25, 2023



Photo 237: General Site: July 25, 2023



Photo 238: General Site: July 25, 2023



Photo 239: General Site: July 25, 2023



Photo 240: General Site: July 25, 2023



Photo 241: General Site: July 25, 2023



Photo 242: General Site: July 25, 2023



Photo 243: General Site: July 25, 2023



Photo 244: General Site: August 22, 2023



Photo 245: General Site: August 22, 2023



Photo 246: General Site: August 22, 2023



Photo 247: General Site: August 22, 2023



Photo 248: General Site: August 22, 2023



Photo 249: General Site: August 22, 2023



Photo 250: General Site: August 22, 2023



Photo 251: General Site: August 22, 2023



Photo 252: General Site: August 22, 2023



Photo 253: General Site: August 22, 2023



Photo 254: General Site: August 22, 2023

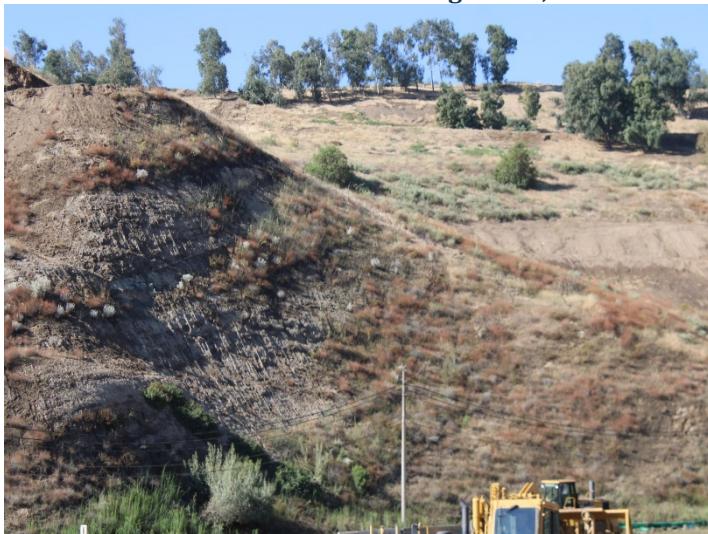


Photo 255: General Site: August 22, 2023



Photo 256: General Site: August 22, 2023



Photo 257: General Site: August 22, 2023



Photo 258: General Site: August 22, 2023



Photo 259: General Site: August 22, 2023



Photo 260: General Site: August 22, 2023



Photo 261: General Site: August 22, 2023



Photo 262: General Site: August 22, 2023



Photo 263: General Site: August 22, 2023



Photo 264: General Site: August 22, 2023



Photo 265: General Site: August 22, 2023



Photo 266: General Site: August 22, 2023



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Photo 269: General Site: August 22, 2023



Photo 270: General Site: August 22, 2023



Photo 271: General Site: September 19, 2023



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Photo 275: General Site: September 19, 2023



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Photo 285: General Site: September 19, 2023



Photo 286: General Site: September 19, 2023



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Photo 291: General Site: September 19, 2023



Photo 292: General Site: September 19, 2023



Photo 293: General Site: September 19, 2023



Photo 294: General Site: September 19, 2023



Photo 295: Road Realignment: July 25, 2023



Photo 296: Road Realignment: July 25, 2023



Photo 297: Road Realignment: July 25, 2023



Photo 298: Road Realignment: July 25, 2023



Photo 299: Road Realignment: July 25, 2023



Photo 300: Road Realignment: July 25, 2023



Photo 301: Road Realignment: July 25, 2023



Photo 302: Road Realignment: July 25, 2023



Photo 303: Road Realignment: July 25, 2023



Photo 304: Road Realignment: July 25, 2023



Photo 305: Road Realignment: July 25, 2023



Photo 306: Road Realignment: July 25, 2023



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Photo 310: Road Realignment: July 25, 2023



Photo 311: Road Realignment: July 25, 2023



Photo 312: Road Realignment: July 25, 2023



Photo 313: Road Realignment: July 25, 2023



Photo 314: Road Realignment: July 25, 2023



Photo 315: Road Realignment: July 25, 2023



Photo 316: Road Realignment: July 25, 2023



Photo 317: Road Realignment: July 25, 2023



Photo 318: Road Realignment: July 25, 2023



Photo 319: Road Realignment: July 25, 2023



Photo 320: Road Realignment: July 25, 2023



Photo 321: Road Realignment: July 25, 2023



Photo 322: Road Realignment: July 25, 2023



Photo 323: Road Realignment: July 25, 2023



Photo 324: Road Realignment: August 22, 2023



Photo 325: Road Realignment: August 22, 2023



Photo 326: Road Realignment: August 22, 2023



Photo 327: Road Realignment: August 22, 2023



Photo 328: Road Realignment: August 22, 2023



Photo 329: Road Realignment: August 22, 2023



Photo 330: Road Realignment: August 22, 2023

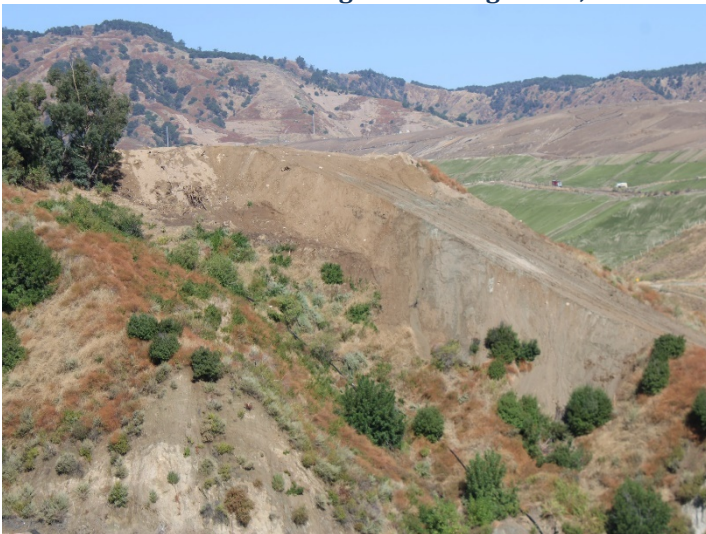


Photo 331: Road Realignment: August 22, 2023



Photo 332: Road Realignment: August 22, 2023



Photo 333: Road Realignment: August 22, 2023



Photo 334: Road Realignment: August 22, 2023



Photo 335: Road Realignment: August 22, 2023



Photo 336: Road Realignment: August 22, 2023



Photo 337: Road Realignment: August 22, 2023



Photo 338: Road Realignment: August 22, 2023



Photo 339: Road Realignment: August 22, 2023



Photo 340: Road Realignment: August 22, 2023



Photo 341: Road Realignment: August 22, 2023



Photo 342: Road Realignment: August 22, 2023



Photo 343: Road Realignment: August 22, 2023



Photo 344: Road Realignment: September 19, 2023



Photo 345: Road Realignment: September 19, 2023



Photo 346: Road Realignment: September 19, 2023



Photo 347: Road Realignment: September 19, 2023



Photo 348: Road Realignment: September 19, 2023

Appendix IV

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

July 2023

**Sunshine Canyon Landfill
July 25, 2023 Site Visit
July 31, 2023 Conference Call**

Site Visit Participants

July 25, 2023 Site Visit

James Aidukas and Mike Lindsay, UltraSystems
Edgar De La Torre, LACDRP

Conference Call Participants

Michael Stewart, Kate Downey, Bill Carr and Paul Koster, Republic Services
Edgar De La Torre and Ai-Viet Huynh, LACDRP
Diana Gonzales and Gladys Rietze, LACDPW
Tim Fargo, LA City Planning
James Aidukas and Mike Lindsay, UltraSystems

Site Visit Observations Discussion:

UltraSystems sent personnel to perform a site visit to photograph site conditions and record site observations of the landfill. After reviewing the photos and observation record, a post-site visit conference call was held to discuss Sunshine Canyon Landfill operations and the status of construction, maintenance and compliance for the month of July. We asked questions regarding health measures, site operations, weather impacts, landfill gas and liquids control, construction activities and mitigation measures status. We received comments and updates from Republic staff as follows:

Discussion Topics After Reviewing Site Visit Photos

1. The adjacent neighborhood was monitored for odor between 6:45 to 7:45 am. There were landfill active face waste odors detected at the end of Timber Ridge road. Balboa Boulevard near Woodley Avenue and Balboa Boulevard just before going down to San Fernando Road was monitored for roadway liquids odors. There were no liquids odors coming from the roadway.
 - Kate Downey acknowledged the statement.
2. (Photos 2083-2085, 7053-7055) There was illegally dumped waste and a truck tire observed on the shoulder of Sierra highway near the I-14 overpass.
 - Kate Downey stated that they would go out and check the shoulder of Sierra Highway area for illegally dumped waste.
3. (Photos 2086-2092, 7062-7066, 7078-7079, 7086-7090) There was grading observed being done on the Old City South landfill site slopes. Is there a plan drawing that shows this development? What is being done?
(Photos 2108-2110) Why was the landfill ridgeline's vegetation removed?

- Kate Downey stated that they are enhancing an existing bench road that will eventually become an access road into the landfill and will meet up with the berm once it is complete.
 - Kate Downey stated that the plans for that work can be made available for UltraSystems.
 - Kate Downey stated that they preemptively removed the vegetation because it will eventually need to be removed for the access road being made so they are doing it now to make sure the area is clear of any ground nesting birds. Once the area is cleared of ground nesting birds the vegetation needs to be removed within 72 hours to prevent another eventual nest from forming.
4. (Photos 2093-2098, 7056-7060) The area up canyon of the terminal basin was filled with soil. Were the Toe Berm plans approved? Are they available to review? Were all of the alluvium soils in the canyon's bottom reviewed?
- Kate Downey stated that all of the City departments have issued their approval and they are now waiting on the issuance of the grading permit. There was another administrative step that was completed last week and at this point Republic is waiting to hear back from the City staff that it has been processed. The actual grading permit is expected to be in-hand within the next week or so.
 - Kate Downey stated that the City has reviewed and inspected the required stages at the bottom of excavation. From time to time, the City comes and observes the fill. They will reach out to their geotechnical consultant to get an update on the alluvium soils in the canyon's bottom.
5. The cracks and humps in the paved employee access road have gotten worse.
Has the geotechnical consultant determined what the cause is for the cracks and movement of the pavement?
- Kate Downey stated that their geotechnical consultants are out there roughly on a monthly basis and they have not yet prepared a full report issuing a conclusion for the cause of cracks and movement, but they did write a report about six months ago. They are still monitoring the issue.
6. The employee parking lot was observed.
Is the employee dirt parking area scheduled to have road base and/or soil sealant put on the dirt surface?
- Bill Carr stated that they do not have plans for the near future to get compacted soil or soil sealant on the dirt surface and they are going to continue using water and road oil they use once a year.
7. The condensate and leachate treatment facility were observed. There were no odors detected and no concerns noted.
- Kate Downey acknowledged the statement.
8. (Photos 2113-2121) Basin B was observed. All of the sediment and debris was removed. The eastside channel was also cleared of sediment and debris. The downstream outlet channel wall has not yet been repaired. Has repairs of the concrete sidewalls been scheduled?
- Kate Downey and Paul Koster stated that they are aware of the issue and are currently working out how to make a repair on the area since it is in an unusual spot.

9. The north perimeter gate was observed.
The access gate was not locked.
 - Kate Downey acknowledged the statement.
10. The material storage area was observed. It appeared that the area was being cleared of junk and the usable material was being organized.
 - a.) Is more removal and disposal of junk material scheduled?
 - Kate Downey stated that they have scheduled the removal and disposal of the junk material and it is currently a work in progress.
11. The County sage mitigation slopes were observed. No mitigation activity was occurring.
 - Paul Koster stated that they are getting ready to take soil samples within the next few weeks, but the soil is very acidic and is going to hold very little seeding. Once they get the soil sample results, they can better address the sage mitigation slope areas.
12. (Photos 2170-2172, 7163-7166) The County top deck was observed. A substantial amount soil is being imported and stocked on the County top deck.
 - Kate Downey acknowledged the statement.
13. (Photos 2031-2041, 7172-7188) Basin A and the westside channel were observed. The basin was cleared of sediment and ready for winter rain events.
 - Kate Downey acknowledged the statement.
14. (Photos 2151-2162, 7222-7228) The sage mitigation on the old City Decks B and C were being maintained and doing well.
 - Kate Downey acknowledged the statement.
15. (Photos 2151—2152, 7229-7233, 7237-7240) The PM-10 oak tree mitigation area was observed. There were numerous dead oak trees.
 - Paul Koster stated that they are working with their biologists regarding the oak trees and pine trees to get something going within the next year. They are in discussions to determine what they need to do for the PM-10 oak tree replacements.
16. (Photos 2141-2147, 7196-7205) The active area was observed and was operating with no concerns noted except for dust being generated on un-watered roads.
 - Kate Downey acknowledged the statement.

Site Operations

1. Were there any notices of violation (NOVs) issued in July 2023?
 - Kate Downey stated that there was one NOV issued for alleged odor nuisance occurring on July 21, 2023.
2. Were there any operational complaints in July 2023?
 - Kate Downey stated that there were no operational complaints in July 2023.

Please view the photos for this site visit in the Sunshine Canyon Dropbox for July 25, 2023.

[SCL - Site Photos](#)

Site Visit Comments from Mike Lindsay

- Mike Lindsay reviewed statements made in the MMSRF site reports.

The conference call concluded.

Sunshine Canyon Landfill
July 25, 2023 Site Visit
Conference Call Discussion Items

Site Visit Participants

July 25, 2023 Site Visit

James Aidukas and Mike Lindsay, UltraSystems
Edgar De La Torre, LACDRP

Discussion Topics After Reviewing Site Visit Photos

1. The adjacent neighborhood was monitored for odor between 6:45 to 7:45 am. There were landfill active face waste odors detected at the end of Timber Ridge road. Balboa Boulevard near Woodley Avenue and Balboa Boulevard just before going down to San Fernando Road was monitored for roadway liquids odors. There were no liquids odors coming from the roadway.
2. (Photos 2083-2085, 7053-7055) There was illegally dumped waste and a truck tire observed on the shoulder of Sierra highway near the I-14 overpass.
3. (Photos 2086-2092, 7062-7066, 7078-7079, 7086-7090) There was grading observed being done on the Old City South landfill site slopes. Is there a plan drawing that shows this development? What is being done?
(Photos 2108-2110) Why was the landfill ridgeline's vegetation removed?
4. (Photos 2093-2098, 7056-7060) The area up canyon of the terminal basin was filled with soil. Were the Toe Berm plans approved? Are they available to review? Were all of the alluvium soils in the canyon's bottom reviewed?
5. The cracks and humps in the paved employee access road have gotten worse.
Has the geotechnical consultant determined what the cause is for the cracks and movement of the pavement?
6. The employee parking lot was observed.
Is the employee dirt parking area scheduled to have road base and/or soil sealant put on the dirt surface?
7. The condensate and leachate treatment facility were observed. There were no odors detected and no concerns noted.
8. (Photos 2102-2104, 7103) The Terminal basin had the damaged outlet riser replaced. A significant amount of the sediment was removed. Is the outlet riser operational? Was the outlet channel sediment removed?

9. (Photos 2113-2121) Basin B was observed. All of the sediment and debris was removed. The eastside channel was also cleared of sediment and debris. The downstream outlet channel wall has not yet been repaired. Has repairs of the concrete sidewalls been scheduled?
10. The north perimeter gate was observed.
The access gate was not locked.
11. The material storage area was observed. It appeared that the area was being cleared of junk and the usable material was being organized.
 - a.) Is more removal and disposal of junk material scheduled?
12. The County sage mitigation slopes were observed. No mitigation activity was occurring.
13. (Photos 2170-2172, 7163-7166) The County top deck was observed. A substantial amount soil is being imported and stocked on the County top deck.
14. (Photos 2031-2041, 7172-7188) Basin A and the westside channel were observed. The basin was cleared of sediment and ready for winter rain events.
15. (Photos 2151-2162, 7222-7228) The sage mitigation on the old City Decks B and C were being maintained and doing well.
16. (Photos 2151—2152, 7229-7233, 7237-7240) The PM-10 oak tree mitigation area was observed. There were numerous dead oak trees.
17. (Photos 2141-2147, 7196-7205) The active area was observed and was operating with no concerns noted except for dust being generated on un-watered roads.

Site Operations

1. Were there any notices of violation (NOVs) issued in July 2023?
2. Were there any operational complaints in July 2023?

Please view the photos for this site visit in the Sunshine Canyon Dropbox for July 25, 2023.

[SCL - Site Photos](#)



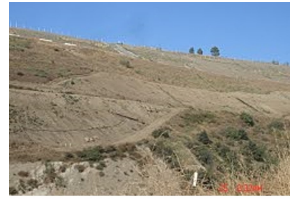
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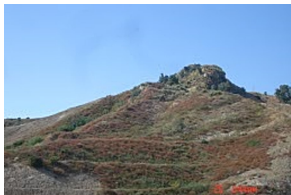
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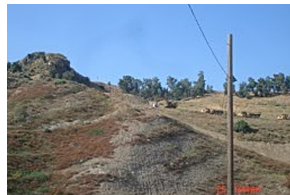
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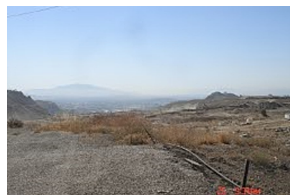
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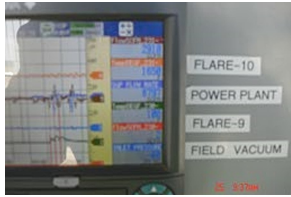
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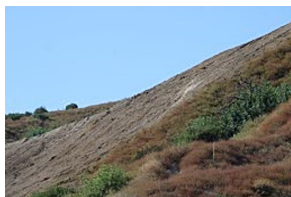
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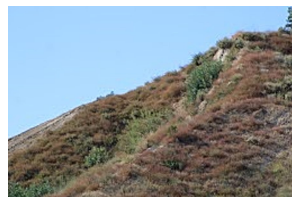
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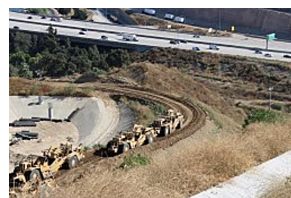
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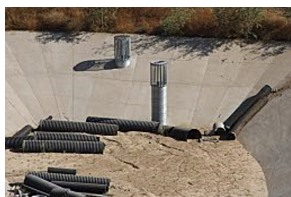
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**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 7/25/23
Site Conditions: 70-99° F, 0-10 MPH winds	
SITE LOG	
<p>Drove the Granada Hills area near Woodley Avenue, the adjacent neighborhood, and school areas from 6:45 to 7:40 a.m. There were no landfill odors detected at the school or the adjacent areas. There was a slight odor of fresh waste at the end of Timber Ridge. The liquids stains on Balboa near the traffic light at Woodley and at the Balboa incline at San Fernando Road were cleaned up. There were no trash odors at either location. The trash and soil that were seen in May at the intersection of the incline and San Fernando Road was not yet cleaned up by a city sweeper. There was illegal dumping of trash, debris, and tires on the Sierra Highway Road's shoulders near the I-14 overpass. The deep ruts in the left turning and the adjacent northbound lanes on San Fernando Road at the landfill entrance have not been repaired. This road condition could be a hazard for passenger cars, small pickup trucks, and motorcycles. Met with Mike Lindsay (UltraSystems) and Edgar De La Torre (LACDRP). We then proceeded to monitor the site in separate vehicles and observed the following:</p> <ul style="list-style-type: none"> • The Old City South landfill's slope had a long east-to-west bench cut, with trees and other vegetation removed. This could be the location where the temporary road will be to allow the berm to be constructed. There was excavation at the top of the eastern area. An area of the exterior ridgeline around the Old City South's southeastern fill limits had vegetation and a portion of the ridgeline lowered. • During the June 21st site monitoring, soil was being excavated from the area up-canyon from where the concrete inlet channel to the terminal basin was removed. At that time, the excavation was down to the Old Chantille Road elevation and pieces of the concrete were observed. Bedrock is substantially lower. The City/County CUP conditions require remove of all alluvial soil down to bedrock. Existing drainage boulders were being jack hammered by a CAT 325 next to the administration road. This area is now filled to approximately the main access road's elevation. The geologist's report verifying that all alluvial soil was removed was not available for review. • The terminal basin's damaged outlet rise was replaced. Construction of the support structure was still ongoing. About 70% of the sediment was removed from the terminal basin. It appeared that no water with sediment was being discharged. • The new future access road was being regraded to widen it from the entrance to around the new basin to the oil field road. • Sediment was observed in the new basin. Erosion was observed in some of the graded slopes in this area. • The Old City South landslide near the turn-off from the main access road to the administration offices road was not yet removed. 	

- The Alder Tank leachate and condensate treatment system was operating, and no odors were detected. The road to the tank area was flooded by rainwater. The road's drain was plugged.
- The waste scales exit dirt road had minor potholes.
- The hydrogen peroxide storage tanks had an emergency shutdown switch at the tanks. There was no remote switch.
- Basin B was dry, and all sediment has been removed. The basin was ready for rain events. Vegetation growing in concrete cracks has not been removed.
- The eastside drainage channel downstream of Basin B with the soil washed out on the concrete channel's slope wall has not yet been repaired. Portions of the concrete wall are showing cracks and movement.
- Dust was observed coming from the access roads that were used by waste and dirt hauling trucks.
- The northwestern area of the county top is being used to stockpile soil. It is close to the maximum elevation of 1,904 feet.
- The material storage area is being used to stockpile tires, waste HDPE, scrap steel piping, and inoperable heavy equipment.
- Basin A was dry and cleared of sediment. It is ready for rain events.
- The westside drainage channel out of Basin A has not been cleared of sediment and debris.
- Cell CC-4 Part 4 and 5 was accepting waste. No operational concerns were noted. Dump trucks were hauling in and stockpiling soil in Cell CC-4 Part 5.
- City sage mitigation Decks B and C were observed. Mustard appears to have been removed. Part of the mister system along the berm is not working. The dead PM-10 trees had not been replaced.
- County sage mitigation slopes were naturally doing well. There was no grading of the bare slopes or planting being done.
- The Closure Turf appeared to be in good condition, with no liquids or gas concerns.
- The outer landfill ridgeline vegetation, facing the southeast, was removed and a road graded on the ridgeline top.

Flare Operating Conditions:

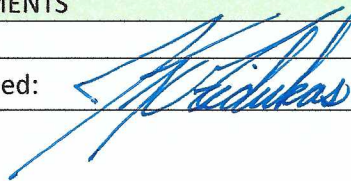
- Flare 1 – 1648°F, 2578 SCFM, 37% CH₄, 1.8% O₂, 1.0 PPM H₂S
- Flare 3 – was not operating
- Flare 9 – was not operating
- Flare 10 – 1650°F, 2910 SCFM
- Flare 11 – 1721°F, 2865 SCFM

The gas-to-energy plant was using 8797 SCFM of recovered gas. The gas composition was 42% CH₄, 0.2% O₂, and 59 PPM H₂S. The total volume of recovered gas was 17,150 SCFM.

FURTHER REVIEW NEEDED

COMMENTS

Signed:



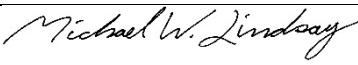
**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: Mike Lindsay	Page 1 of 2
Discipline: Environmental Engineer	Date: 07-25-2023 Tuesday
Site Conditions: Partly Cloudy, 70–99 °F, S 2–8 mph, 53% RH, 59 AQI Moderate	
SITE LOG	
<ol style="list-style-type: none"> 1. No odors are present in the adjacent neighborhood and school at 7:20 a.m. Republic odor patrol is active. 2. No odors are present in the Rancho Cascades neighborhood at 7:35 a.m. 3. Illegally-dumped piles of trash and debris are present on Sierra Highway, including large truck tires just north of the I-14 underpass. 4. Met with Jim Aidukas (UltraSystems) and Edgar De La Torre (LACDRP) following in separate vehicles to site locations. 5. The admin and LEA facility are in good order. 6. Street sweepers are cleaning the haul roads. 7. Observed the landslide along the main haul road (near where the road to admin facilities begins), including erosion areas along the old City south slopes. The landslide soil is still covered with liner material, with K-rails placed to prevent soil migration onto roadway. 8. Scrapers are moving soil from the new entrance road realignment area to the westside drainage area northwest of the terminal basin. This area has been filled with soil almost to the main haul road elevation. 9. Observed the terminal basin from the northwest ridge, including uplifting concrete side walls. Some sediment has been piled-up to dry before removal. 10. The storm-damaged vertical riser drain has been replaced. 11. Native soil and vegetation have been removed on both sides of the ridge above the future final toe berm. 12. Traffic controllers are directing scraper traffic across the main haul road by the terminal basin. 13. The new sediment basin by the new haul road being constructed is in good order, with some erosion rills present along slopes from winter rain. Some sediment is present in the new basin. 14. The leachate collection system and Alder tanks are in good order with no odors or leaks present. 15. The road drain at the tank farm is blocked with soil. 16. The hydrogen peroxide tanks are in good order, with no leaks present. 17. The scales are in good order, with water trucks watering the exit roadway. 18. The odor neutralizer in storage cubes is in good order with no leaks. 19. The eastside drainage channel is in good order, with most sediment removed. 20. Sediment basin B has been cleared of sediment, ready for the rain season. 21. The eastside drainage channel southeast of Basin B has not been repaired, with a broken concrete V-ditch. 22. Flare 9 is offline, with workers performing maintenance and repair. 23. Flare 10 is operating at 2891 scfm, 1647 °F. Gas sample measured at 42 % Vol. CH₄, 0.2 % Vol. O₂, 21 ppm CO, and 59 ppm H₂S. Blowers 1, 2, 3, 4, 5 and 6 are operating. Gas inlet temperature is 138 °F. 24. Flare 11 is operating at 2896 scfm, 1741 °F. Gas inlet temperature is 129 °F. 25. Sunshine Gas Producers is in good order, with no odors present. 26. Perimeter drainage channel at flare pad is in good order, with sediment filling most of channel. 27. A drainage channel below (southwest) of the flare pad is still blocked with soil and a large tree. 28. The County top has received a substantial amount of stockpiled soil. 	

29. The westside drainage channel is in good order, clear of sediment.
30. Sediment basin A has been cleared of sediment.
31. Working area at Cell CC-4 Part 4 is active with tippers, moving floor trucks and packer trucks.
32. Soil is being imported and piled inside of Cell CC-4 Part 4.
33. No seeps are present along northeast slopes above working areas.
34. The City north closure turf is in good order with no odors present.
35. Flare 1 is operating at 2584 scfm, 1635 °F. Gas sample measured at 37 % Vol. CH₄, 1.8 % Vol. O₂, 4 ppm CO, and 1 ppm H₂S. Gas inlet temperature is 142 °F.
36. City deck B sage mitigation area is in good order, with new growth throughout.
37. City deck C sage mitigation area is in good order, with new growth throughout.
38. The PM-10 berm is in good order, with misters operating.
39. About 20% of the mitigation oak trees are dead.
40. Some large dead trees are present south of the perimeter fencing at City deck C.
41. Flare 3 is offline.
42. The County sage mitigation slopes are in good order, with new growth throughout established vegetation areas.
43. The County top deck northwest end measured at 1909 feet in elevation due to stockpiled soil.

FURTHER REVIEW NEEDED

1. Remove illegally-dumped trash and debris on Sierra Highway.
2. Repair landslide along main haul road.
3. Unblock the road drain at the tank farm.
4. Repair eastside drainage channel southeast of Basin B
5. Clear drainage below flare 11 pad of soil and tree.
6. Replace dead oak trees at PM-10 berm.

Signed: 

August 2023

**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

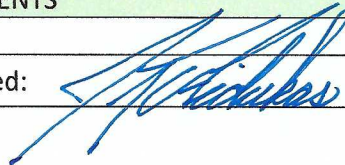
Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 8/22/23
Site Conditions: 60-80° F, 0-10 MPH winds	
SITE LOG	
<p>Drove the Granada Hills area near Woodley Avenue, the adjacent neighborhood, and school areas from 6:15 to 7:45 a.m. There were no landfill odors detected at the school or the adjacent areas. There were liquids stains on Balboa near the traffic light at Woodley and at Balboa. There was illegal dumping of trash, debris, and tires on the Sierra Highway Road's shoulders near the I-14 overpass. The deep ruts in the left turning and the adjacent northbound lanes on San Fernando Road at the landfill entrance have not been repaired. This road condition could be a hazard for passenger cars, small pickup trucks, and motorcycles. Met with Mike Lindsay (UltraSystems), Edgar De La Torre (LACDRP), and Dave Thompson and George Kasikarin (City LEA). We then proceeded to monitor the site in separate vehicles and observed the following:</p> <ul style="list-style-type: none"> • The terminal basin has water within a couple of feet of being as high as the gabion rock wall from the recent August rain event. K-rails were placed to stop mud from leaving the site. It appears that some mud went out onto San Fernando Road at the SCL entrance road. A significant amount of soil was seen in the basin. • Water was being released into the outlet channel from a broken skimmer connection. The discharge channel had sediment and rock in it from the recent storm and sediment-loaded discharge. The new outlet rise does not have a trash screen on the top. • Excavation is being done on the Old City South and the Old City North canyon slopes preparing the areas for the final top berm construction. • The new basin in the adjacent valley had sediment and standing water in it. There was a skimmer floating on the water. It could not be determined if it was discharging water. There was no work being performed on the new access road. • There was excavation of the landfill's ridge. The route of the new access road was not disclosed. City-approved construction plans were not available • The canyon bottom west of the terminal basin was being excavated and filled to provide the floor for the terminal the berm. A geotechnical monitoring report was not available. • The terminal basin is not being repaired for the Fall 2023 and winter 2024 rain events. Its final size and design are not known. No approved plans were available. • The Cell CC-4 Parts 3, 4, and 5 northern slopes had many washout rills, with many having exposed trash. • The wet weather deck was active in the top deck north of Cell CC-3B. There was some small ponding on the deck. 	

At the end of the monitoring, we met with Republic Services' site personnel and asked questions and discussed the site monitoring observations.

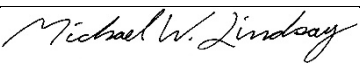
FURTHER REVIEW NEEDED

COMMENTS

Signed:



**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: Mike Lindsay	Page 1 of 1
Discipline: Environmental Engineer	Date: 08-22-2023 Tuesday
Site Conditions: Clear, 61–82 °F, S 2–9 mph, 85% RH, 40 AQI Moderate	
SITE LOG	
<ol style="list-style-type: none"> 1. No odors are present in the adjacent neighborhood and school at 7:15 a.m. Republic odor patrol is active. 2. No odors are present in the Rancho Cascades neighborhood at 7:30 a.m. 3. Illegally-dumped piles of trash and debris are present on Sierra Highway, including large truck tires just north of the I-14 underpass. 4. Met with Jim Aidukas (UltraSystems), Edgar De La Torre (LACDRP), and David Thompson and George Kasikarin (LEA), following in separate vehicles to site locations. 5. The admin and LEA facility parking lot is one-third covered with mud from heavy rains yesterday. 6. The terminal basin is 60% covered with rainwater. Deep sediment has re-filled the west end. The three skimmers are floating in front of the riser drains as-designed. 7. The replaced riser drain (farthest south) does not have an iron bar trash screen at top of drain pipe. 8. The water level is three feet from top of drain pipes. 9. The new outlet drain pipe for the new sediment basin (designated basin E, located within the terminal basin) is wired closed with a sheet of steel. 10. The terminal basin outlet has additional soil and rock accumulated from the recent storm. 11. Native soil and vegetation have been removed on both sides of the ridge above the future final toe berm, with soil being excavated further into the ridge. 12. Traffic controllers are directing scraper traffic across the main haul road by the terminal basin. 13. The new sediment basin E is in good order, with water covering the entire floor and sediment beginning to accumulate. 14. The basin E skimmer is floating by its lower riser drain pipe. 15. Erosion is present along the new entrance road shoulders and adjacent slopes. 16. Exposed trash is present throughout Cell CC-4 Part 4/5 from heavy rains. 17. Working area at Cell CC-3B is active with tippers, moving floor trucks and packer trucks. ADC is 70% covered with new trash at 10:10 am. 18. Street sweepers are cleaning the haul roads. 19. Met with Republic Services to discuss site inspection issues. 	
FURTHER REVIEW NEEDED	
<ol style="list-style-type: none"> 1. Remove illegally-dumped trash and debris on Sierra Highway. 2. Install an iron bar trash screen at top of the new terminal basin drain pipe. 3. Clear sediment and rock from terminal basin outlet. 4. Repair soil erosion at new entrance road shoulders and slopes. 5. Cover exposed trash at Cell CC-4 Part 4/5 when conditions permit. 	
Signed: 	

September 2023

**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 9/19/23
Site Conditions: 70-85° F, 0-10 MPH winds	
SITE LOG	
<p>Drove the Granada Hills area near Woodley Avenue, the adjacent neighborhood, and school areas from 6:15 to 7:45 a.m. There were no landfill odors detected at the school or the adjacent areas. There was illegal dumping of trash, debris, and tires on the Sierra Highway Road's shoulders near the I-14 overpass. The deep ruts in the left turning and the adjacent northbound lanes on San Fernando Road at the landfill entrance have not been repaired. This road condition could be a hazard for passenger cars, small pickup trucks, and motorcycles. Met with Alex Garcia, Steven Jareb, Edgar De La Torre, and Diana Gonzalez (LACDRP). We then proceeded to monitor the site in separate vehicles and observed the following:</p> <ul style="list-style-type: none"> • There was excavation of the southern old landfill perimeter ridgeline. The purpose of this excavation was not known to the monitor. Drawings showing the waste limits in this area are not available. There was also excavation of the same ridgeline for what appears to be the new access road that will connect to the final toe berm crossing. A paleontological monitor was not seen. • There was removal of vegetation on an Old City South landfill bench. This appears to be where the temporary access road will be during the toe berm construction. • HDPE drainage downcomers were constructed on the Old City South slope to control rainwater from the final perimeter access road. • Excavation was being done on the City south slope to locate the waste limits interface of the old landfill and native soil. • An above-ground, large, corrugated steel drainage pipe was installed on the west side of the Old City landfill slope in the vicinity of the water storage tank. What it was going to drain, and to where was unknown. Access roads to this area were blocked due to construction activity. • Cell CC-4 Part 5 was active accepting waste. There were no disposal odors leaving the site. • Basin B was dry and had a minimal amount of sediment not yet removed. The outlet channel's concrete wall's soil washout has not been fixed. One portion of the wall has cracked and moved. • The terminal basin has standing water near the outlet risers. The damaged riser has been repaired but is lacking the top litter control section. Sediment has not been removed from the basin. A water inlet pipe has been constructed in the southern concrete wall west of the sediment gabion wall. No other terminal basin construction has occurred. • Rock and sediment were seen in the outlet channel of the terminal basin that discharges to the County flood control system. 	

- Excavation on the closed City South top deck was occurring.
- The new basin associated with the new access road had standing water and sediment.
- The oil field had production gas being flared. The southern perimeter gate was locked.
- The floor for the final toe berm was in place. Geotechnical reports verifying that all of the alluvial soils were removed were not available.
- The San Fernando Road retaining wall had a significant amount of soil on the wall, walkway, and road.

FURTHER REVIEW NEEDED

COMMENTS

Signed:

