Sunshine Canyon Landfill Independent Monitor Quarterly Site Monitoring Status Report October 1, 2023 – December 31, 2023

Prepared For:

City of Los Angeles Department of City Planning

And

County of Los Angeles Department of Regional Planning



Prepared By:



16431 Scientific Way Irvine, California 92618

Prepared On:

January 30, 2024

CERTIFICATION STATEMENT

January 30, 2024

The attached Quarterly Site Monitoring Status Report for the Sunshine Canyon Landfill dated January 30, 2024 is the Fourth Quarterly Report for 2023, issued by UltraSystems. This report covers the monitoring period from October 1, 2023 through December 31, 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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Appendices

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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 October 1, 2023, to December 31, 2023. It includes:

- 1. The City and County Mitigation Monitoring Summary spreadsheets for October 1, 2023, to December 31, 2023. These spreadsheets record the areas of monitoring completed and the status of being compliant during the fourth 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 October to December 2023 quarter in order to observe operational site activities and determine compliance status with conditions and/or mitigation measures. They were performed on October 30, 2023; November 29, 2023; and December 11, 2023.

Definition of Terms

<u>Compliant</u> 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.

<u>Further Review Needed</u> 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.

<u>Resolved</u> 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.

<u>Current Status/Comment</u> – There was no grading outside of the approved landfill development limits during the 4th Quarter. The road realignment work was not within the Sunshine Canyon waste fill limits, but is in the CUP-approved areas for ancillary uses. Grading up the canyon from the terminal basin was occurring. The 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. Recent rain events caused significant erosion and mudflows. This resulted in an accumulation of sediment and standing water in the terminal basin and Basin A, and

sediment in Basins C and E. Sediment and rock were not removed from the terminal basin's discharge 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 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 4th Quarter. All erosion in this area from the rain events was repaired. The future scales pad and the temporary access road to CC-4 Part 3, 4 and 5 were being graded.

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.

<u>Current Status/Comments</u> – In the 4th 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 from this location. On windy and dry days, dust clouds were observed coming from the cut slopes near the future toe berm location. These dust clouds could have left the site.

Q-C.5 (City)

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

Current Status/Comments - In the 4th 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 forgoing, the Per 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.

<u>Current Status/Comments</u> – During the 4th Quarter site monitoring, power outages and gas recovery system maintenance caused fluctuation in gas recovery volumes. Any operating data was not constant.

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.

<u>Current Status/Comments</u> – 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.

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.

<u>Current Status/Comments</u> – There was no grading outside of the approved landfill development limits during the 4th 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. Grading for the future scales pad was nearing completion. The temporary road from this pad to the CC-4 Part 5 active area was approximately 80% complete with road base in place. No paving was done.

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-4.1.4(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.

<u>Current Status/Comments</u> – There were no earthquakes of 5.0 magnitude or greater in the area during the 4th 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 revegetation 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.

<u>Current Status/Comments</u> – During the 4th 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.

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.

<u>Current Status/Comments</u> – 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).

<u>Current Status/Comments</u> – 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. New markers should be also placed at the final south double-lined boundary.

M-4.2.13/29, 30, 32, 33, 34 (City)

The natural biological processes that generate odors in a landfill through anaerobic decomposition cannot be prevented or avoided. However, the LFGs shall be prevented from escaping to the atmosphere through the use of control measures. These measures include using daily and intermediate cover material over deposited wastes, filling any surface cracks with clean dirt as necessary, and extracting LFG through the use of an LFG collection and recovery system and destroying collected gases by combustion.

Operational techniques shall be utilized to control odor sources at the landfill. The size of the working face shall be limited so that the area of waste exposed to the atmosphere is kept to a minimum.

The LFG collection and recovery system shall be installed in phases as each portion of the landfill site is filled. The final system shall contain a network of gas extraction wells, collection system piping, and flaring facilities. Because the LFG generation begins at lower levels of volume and increases during the landfill site life, the gas will be flared initially until sufficient quantities are available for processing into electricity.

If an odor problem should develop, appropriate control measures shall be implemented. These measures include the application of additional dirt daily cover material or more frequent application of the cover material to seal the landfill surface, or adjustments to the wells, equipment, and operation of the LFG collection and recovery system.

To ensure that odors are kept to a minimum, the following odor/LFG monitoring program shall be implemented for the proposed landfill project. The monitoring program shall comply with the requirements of SCAQMD Rule 1150.1 and include:

- a. Sample Probe Installation: One monitoring probe per 1,000 feet or as identified by South Coast Air Quality Management District (SCAQMD) and/or Local Enforcement Agency (LEA) in the landfill expansion, and one probe per 650 feet or as identified by SCAQMD and/or LEA in the City Inactive landfill along the landfill perimeter, or whichever is more restrictive shall be installed to identify potential areas of subsurface landfill gas (LFG) migration. These probes shall be monitored to ensure that quantities of LFG beyond regulatory standards do not vent offsite through subsurface soils.
- b. Integrated Landfill Surface Sampling: The landfill surface shall be monitored to ensure that the average concentration of total organic compounds over the landfill surface does not exceed SCAQMD's standard of 25 ppm.
- c. Ambient Air Samples: 24-hour integrated gas samples and required meteorological data shall be taken to assess any impact the landfill is having on the ambient air quality at the landfill perimeter.
- d. Instantaneous Landfill Surface Monitoring: Spot checks on the landfill surface shall be made to determine the maximum concentration of total organic compounds measured as methane, measured at any one point on the surface of the landfill does not exceed the SCAQMD's standard of 500 ppm.

e. Regular Monitoring and Annual Testing: LFG concentrations at perimeter probes, gas collection system headers, the landfill surface, and in ambient air downwind of the landfill shall be monitored once per month or less frequently (but no less than quarterly) as required by the SCAQMD. The LFG collection system shall be adjusted and improved based on quarterly monitoring data and annual stack testing results.

Odor/Landfill Gas - 7.06 (County)

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

Amendment 45.N - 4.a, 4.c, 4.d (County)

Identify and provide status on the measures currently being implemented as required by the AQMD's Order for Abatement.

An odor patrol program, which would include the following at a minimum:

- Provide a trained technician to conduct odor patrols in the surrounding neighborhoods at a frequency of one patrol per hour from 6 a.m. to 10 a.m., Monday through Saturday, and during adverse wind conditions.
- If odor is detected, identify its potential and/or actual source, including those that may not be related to the Landfill's operation, such as an odorous trash dumpster or transfer trucks.
- If odor is determined to be related to the Landfill's operation, take immediate action to reduce the odor. Document the streets patrolled on a map, time of the patrol, potential source of odor, and immediate actions taken by the Landfill.
- A landfill gas mitigation plan in preparation for the next rainy season since landfill gas emissions from either the landfill surface or landfill gas control equipment is cited as a potential contributor in the AQMD's Order for Abatement. The plan should include the following at a minimum:
- Description of the site's current Gas Monitoring and Control Plan, including a map showing locations of gas monitoring probes, gas extraction wells, horizontal and vertical gas collection lines, etc.
- Compliance history of the site's landfill gas migration control program from January 1, 2009, to the present quarter as well as any corrective actions.
- Discuss the impacts of the most recent heavy rains on the landfill gas collection system, including identifying locations of damage due to soil erosion, as well as any corrective actions or mitigation measures.
- A work plan that includes preventive measures, such as identifying and filling any surface cracks and installing additional extraction wells, as well as contingency measures.
- An implementation schedule for the above work plan.

Amendment 45.N - 5 (County)

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

<u>Current Status/Comments</u> – 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 4th 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.

<u>Current Status/Comments</u> – 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 4th 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.

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. The water discharge pipe into the terminal basin was covered by soil in the 3rd Quarter to stop any water flow. It was 25% plugged with sediment at the terminal basin in the 4th Quarter. 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-4.3.1(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.

<u>Current Status/Comments</u> – 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 4th 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(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 bans shall be monitored in accordance with NPDES requirements. Sediment shall be cleaned out of the sedimentation basins after every significant storm.

<u>Current Status/Comments</u> – In the 4th Quarter, none of the basins or channels were fully cleared of sediment. Standing water was observed in the terminal basin and Basin A. Major modifications were made to the terminal basin and its inlet channels. No hydrology reports were available to the

monitor or the County that would show future rainwater control improvements. 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.

<u>Current Status/Comments</u> – 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 were not reviewed in the 4th Quarter.

In the 4th 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. There was also no progress in maintaining the San Fernando Road retaining wall by removing the rock and soil on top of and adjacent to the wall.

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.

<u>Current Status/Comment</u> – 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 4th Quarter. Tank farm liquids were being treated with 30% hydrogen peroxide at the tank farm and at the sewer connection.

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.

<u>Current Status/Comments</u> – During the 4th 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 4th Quarter. Areas of City 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-gallong container trees. Mitigation trees shall be planted prior to impacted trees being removed, thus allowing tress 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.

<u>Current Status/Comments</u> – In the 4th 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.

<u>Current Status/Comments</u> – The status on providing offsite wetland and riparian mitigation has not changed in the 4th 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 servicer 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.

<u>Current Status/Comments</u> – In the 4th 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. Illegal dumping was seen along the entrance wall on San Fernando Road.

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.

<u>Current Status/Comments</u> – During the 4th 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.

<u>Current Status/Comments</u> – During the 4th 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.

<u>Current Status/Comments</u> – 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 4th Quarter Mitigation Monitoring Summary spreadsheets track the progress and completion of tasks as they were accomplished during this quarterly period.

								1	hire	d Qu	arter 2	2023	3							F	our	th Q	uarter	202	23			\neg
Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	7125/2023	Status*	Further Review Needed/Comments**	Resolved*	8/22/2023	Status*	Further Review Needed/Comments**	Resolved*	9/19/2023	Status*	Further Review Needed/Comments**	Resolved*	10/30/2023	Status*	Further Review Needed/Comments**	Resolved*	11/29/2023	Status*	Further Review Needed/Comments**	Resolved*	12/11/2023	Status*	Further Review Needed/Comments**	Resolved*
1	Project Manager																										ì	
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	/				/				/				/				/				/		<u>. </u>	
8	Q - B.2		Approval of Landfill	ongoing	✓	С	l-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	7	
9	Q - B.2.c.		Ancillary Uses and Facilities	ongoing	✓	С	I-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	7	
10			Ancillary Uses and Facilities																								<u> </u>	
11	Q - B.2.d (3)		10 Year Phase Review	2015	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
12			10 Year Phase Review																									
13	Q - B.4.d.		Inert/Exempt Materials	info	/				/				/				/				/				/			
14	Q - B.5.a.		Prohibited Waste	info	/				/				/				/				/				/		<u>. </u>	
15	Q - B.6.		Waste Diversion	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
16	Q - C.3.g.		Paved Access Roads	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1	
17	Q - C.3.h.		Surfacing of Access Roads	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
18	Q - C.5.		Graffiti Removal and Deterrence	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
19	Q - C.10.c.		Evaluation of Beneficial Gas Usage	June yearly	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
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

								7	hire	d Qu	arter 2	2023	3							F	our	th Q	uarter	202	3			\neg
Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	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*	10/30/2023	Status*	Further Review Needed/Comments**	Resolved*	11/29/2023	Status*	Further Review Needed/Comments**	Resolved*	12/11/2023	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-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
27	T - 5.j.		Trip Diversion	status	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
28	T - 6		Satisfactory Street Lighting	status	/				/				/				/				/				/			i
29																												
30	M - 4.1.1	7	Reabandonment Procedures	status	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		~	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
31	M - 4.1.4	11	Post-5.0 Earthquake Analysis	upon event	✓	O	NONE		✓	С	NONE		✓	С	NONE		>	С	NONE		>	C	NONE		✓	С	NONE	
32	M - 4.2.12	27	Heavy Equipment Operations	ongoing	✓	C	NONE		✓	С	NONE		✓	С	NONE		>	С	NONE		>	O	NONE		✓	С	NONE	
33	M - 4.2.12		Heavy Equipment Operations	ongoing	✓	C	NONE		✓	С	NONE		✓	С	NONE		>	С	NONE		>	O	NONE		✓	С	NONE	
34	M - 4.2.12	28	Site Erosion-Cover	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
35	M - 4.2.12		Site Erosion-Cell Height	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
36	M - 4.2.12		Site Erosion-Sealant	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
37	M - 4.2.13	29	LFG Control Measures	ongoing	/		l-g		/		l-h		/		l-i		/		l-j		/		l-k		/		I-I	
38	M - 4.2.13	30	Operational Odor Control Techniques	ongoing	/		l-g		/		l-h		/		l-i		/		l-j		/		l-k		/		I-I	
39	M - 4.2.13	31	Solid Waste Compaction	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
40	M - 4.2.13	32	LFG Collection and Recovery System	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
41	M - 4.2.13	33	Odor Control Measures	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	

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^{**} See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

								Т	hire	d Qua	arter 2	2023	3							F	our	th Q	uarter	202	:3			\neg
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42	M - 4.2.13	34	Odor/LFG Monitoring	ongoing	/		l-g		/		l-h		/		l-i		/		l-j		/		l-k		/		1-1	
43			Periodic LFG Monitoring		/		l-g		/		l-h		/		l-i		/		l-j		/		l-k		/		I-I	
44	M - 4.3.2	52	LFG Migration Mitigation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		>	FRN	l-j		✓	FRN	l-k		>	FRN	1-1	
45	M - 4.3.2	57	Dust Control Water	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
46	M - 4.4.2	69	Offsite Mitigation Sites	status	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
47	M - 4.4.2	70	Purchasing Wetland Credit	status	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
48	M - 4.4.2	71	Funding-Invasive Species Eradication Program	status	/				/				/				/				/				/			
49	M - 4.6	85	Site Lighting	status	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
50	M - 4.7.1	86	Open Space Buffer Area	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
51	M - 4.9.3	106	Litter Minimization	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
52	M - 4.9.3	107	Litter/Debris Containment	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
53	M - 4.9.3	108	Vehicle Tarping Requirements	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
54	M - 4.9.3	109	Periodic Offsite Litter Pickup	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
55	M - 4.9.3	110	Illegal Dumping Activities	ongoing	✓	NC	I-g		✓	NC	l-h		✓	NC	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
56	M - 4.9.3	111	Radio Dispatch Litter Control	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
57	M - 4.9.3	112	Litter Control	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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		✓	С	NONE		✓	С	NONE		>	С	NONE		✓	С	NONE		>	С	NONE	
60	M - 4.9.6	129	Landfill Gas/Collection System- Detection/Training	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
61	M - 4.9.6	130	Landfill Gas/Collection System-Risk Mitigation	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		√	С	NONE	

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62	M - 4.16.4	176	Reclaimed Water	status	/				/				/				/				/				/			
63 64	M - 4.16.4	177	Water Conservation	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
	Civil & Geotechnical	Engineer																										
66																												
67																												
68	M - 4.1.1	2	Grading Outside of Conceptual Grading Plan Area	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
71	M - 4.1.1	5	Grading Activity Compliance	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
72	M - 4.1.2	8	Landslide Guidelines	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
76	M - 4.1.5	12	Geologic Hazards - Liquefaction	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
80	M - 4.1.6	16	Cut and Fill Slope Gradients	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
81	M - 4.1.6	17	Final Slope Factors of Safety	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
82	M - 4.1.6	18	Survey Monuments	ongoing	✓	NC	l-g		✓	NC	l-h		✓	NC	l-i		✓	NC	l-j		✓	NC	l-k		✓	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
88	M - 4.14.1	155	Access Roadway Grade	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
95	M - 4.3.1	36	Surface Water Infiltration Minimization	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
96	M - 4.3.1	37	Surface Drainage Systems	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
97	M - 4.3.1	38	Permanent/Temporary Ditches	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
98	M - 4.3.1	39	Drainage Protection	ongoing	✓	С	l-g		✓	С	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
99	M - 4.3.1	40	SWRCB Permit Coverage	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	I-j		✓	FRN	l-k		✓	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	NC	l-j		✓	NC	l-k		✓	NC	I-I	
103	M - 4.3.1	44	Final Landfill Cover	ongoing																								
104	M - 4.3.1	45	Erosion Control Plan	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
105	M - 4.3.1	46	Preventive Maintenance Program	ongoing	✓	NC	I-g		✓	NC	l-h		✓	NC	l-i		✓	NC	l-j		✓	NC	l-k		✓	NC	1-1	ł

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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	✓	С	I-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	I-I	
108	M - 4.3.2	51	LCRS Monitoring	ongoing																								
109																										\vdash		Ш
110	Biologist																											
111																												
112																												
113	M - 4.1.1	6	Slope Erosion Control	ongoing	✓	С	I-g		✓	С	l-h		✓	С	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
114	M - 4.2.11	23	Revegetation/Excavation	ongoing	✓	С	l-g		✓	С	l-h		>	С	l-i		✓	FRN	l-j		✓	FRN	l-k		>	FRN	1-1	
115	M - 4.2.12		Temporary Vegetation Cover	ongoing	✓	FRN	l-g		✓	FRN	l-h		>	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		>	FRN	1-1	
116	M - 4.4.1	60	Coastal Sage Scrub Mitigation Plan	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	✓	С	I-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	I-I	
119	M - 4.4.1	63	San Diego Horned Lizard Mitigation	ongoing	✓	С	l-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	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	/				/				/				/				/				/			Ш
125	M - 4.4.3	72	Native Tree Mitigation	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
126	M - 4.4.3	73	Nonnative Tree Mitigation	status	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
127	M - 4.4.3	74	Mitigation Tree Planting	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	

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128	M - 4.4.3	75	Tree Planting Mitigation Site Prep	ongoing	✓	O	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
129	M - 4.4.3	76	Poultry Wire Screen	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
130	M - 4.4.3	77	Backfill Material	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
131	M - 4.4.3	78	Tree Planting Procedure	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
132	M - 4.4.3	79	Tree Area Mulching	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
133	M - 4.4.3	80	Tree Irrigation/Fertilization	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
134	M - 4.4.3	81	Irrigation System	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
135	M - 4.4.3	82	Annual Tree Monitoring Report	annual	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
136	M - 4.9.2	96	Vector Activity Monitoring	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
137	M - 4.9.2	97	Vector Elimination	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
138	M - 4.9.2	98	Fly Control	ongoing																								
139	M - 4.9.2	99	Rodent Control	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
140	M - 4.9.2	100	Operational Vector-Limiting Activity	ongoing																								
141	M - 4.9.2	101	Equipment Cleanliness/Maintenance	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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 S	pecialist																										
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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
154	M - 4.2.11	22	Grading-Dust Reduction	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
155	M - 4.2.12	24	Construction Equipment Maintenance	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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		✓	NC	l-j		✓	NC	l-k		✓	NC	1-1	
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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
169 170	Hydrology, Hazardou	s 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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	✓	С	NONE		✓	С	NONE		✓	FRN	l-i		✓	С	NONE		✓	С	NONE		✓	FRN	I-I	
185	M - 4.14.1	147	Fire Response Capabilities	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
186	M - 4.14.1	148	Hydrant Installation	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
187																												\vdash
188	Archaeologist																											
189																												
190																												
191	M - 4.19.1	183	Archaeological Resurvey	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	\square
192	M - 4.19.1	184	Onsite Archaeologist	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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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								1	hire	d Qu	arter 2	2023	3							F	our	th Qu	ıarter	202	:3			
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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-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
202	M - 4.19.2	190	Paleontological Resources Recovery	ongoing																								
203	M - 4.19.2	191	Paleontological Resources Inspection	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	I-j		✓	FRN	l-k		✓	FRN	I-I	

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1	Project Manager																											
2																												
3																												
4	Amendment 45.N - 1	45N	Daily Cover Materials	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
5	Amendment 45.N - 3	45N	Daily Cover Procedure	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
6	Amendment 45.N - 4.a	45N	Order for Abatement Status	ongoing	/		I-g		/		l-h		/		l-i		/		l-j		/		l-k		/		I-I	
7	Amendment 45.N - 4.c	45N	Odor Patrol Program	ongoing	/		I-g		/		l-h		/		l-i		/		l-j		/		l-k		/		I-I	
8	Amendment 45.N - 4.d	45N	Landfill Gas Mitigation Plan	ongoing	/		I-g		/		l-h		/		l-i		/		l-j		/		l-k		/		I-I	
9	Amendment 45.N - 5	45N	Dust and Odor Reports	ongoing	~	FRN	I-g		✓	FRN	l-h		~	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
10																												
11	Combined Site & Bridge Area -20.A	20.A	Joint Powers Authority	info	✓	FRN	I-g		✓	FRN	l-h		>	FRN	l-i		✓	FRN	l-j		>	FRN	l-k		✓	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.AD	41A-D	Water Conservation	status	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
15	Revegetation - 44.F	44.F	Revegetation	status	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
16	Fugitive Dust - 45.B	45.B	Working Face Areas	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
17	Fugitive Dust - 45.F	45.F	Inactive Areas Monitoring	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
18	Fugitive Dust - 45.I	45.I	Cleaning of Roads	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
19	Litter Control - 46.AD	46A-D	Litter Control Program	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
20	Gas - 52	52	Landfill Gas Collection System	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
21	Traffic - 57	57	Traffic Improvements	status	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
22	Traffic - 60	60	Street Light Installation	status	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
23	Traffic - 61	61	Traffic Minimization	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		~	FRN	l-k		✓	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	/				/				/				/				/				/		1	
28	Alternative Fuel Vehicles - 77.A	77.A	Alternative Fuel Vehicles-Light Duty	status	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
29	Alternative Fuel Vehicles - 77.B	77.B	Alternative Fuel Vehicles-Refuse/Collection Trucks	status	~	FRN	l-g		~	FRN	l-h		✓	FRN	l-i		√	FRN	l-j		√	FRN	l-k		✓	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
33	Alternative Fuel Vehicles - 77.F	77.F	Alternative Fuel Vehicles-Non-diesel Truck Trip Requirements	status	✓	FRN	l-g		√	FRN	l-h		✓	FRN	l-i		√	FRN	l-j		√	FRN	l-k		✓	FRN	1-1	
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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	/				/				/				/				/				/		ļ	
39			Air Quality Monitoring-Testing																								ļ	
40	IMP - Part VI	IMP6	Air Quality Monitoring-Testing	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
41																												
42	MMRS-12/01/06		Mitigation Monitoring and Reporting Summary	info	/				/				/				/				/				/			
43			Permits																								ļ	
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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
46	Surface Water - 2.15		Surface Water Preventive Maintenance Program	ongoing	✓	NC	l-g		~	NC	l-h		~	NC	l-i		~	NC	l-j		~	NC	l-k		✓	NC	I-I	

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47	Groundwater - 3.13		Groundwater-LFG Migration Mitigation	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	 -	
48	Groundwater - 3.14		Groundwater-Monitoring Wells	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
51	BIOTA – 4.07		Buffer Zone Maintenance-Vegetation	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		1	FRN	l-k		✓	FRN	 -	
52	BIOTA – 4.08		Ridgeline Maintenance-Remain Undisturbed	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		√	FRN	l-k		✓	FRN	I-I	
53	BIOTA – 4.47		Cleaning of Equipment	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		√	С	NONE		✓	С	NONE	
54	BIOTA – 4.48		Monitoring of Vector-Attracting Items	ongoing																								
55	BIOTA – 4.49		Salvaged Material Storage-Vector Control	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
56	BIOTA – 4.50		Vector Activity Monitoring	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	 -	
57	Air Quality - 6.03		Dust Emission Minimization	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
58	Air Quality - 6.04		Usage of Cut Material for Cover	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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								Ī	_														_	
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	✓	С	NONE		✓	С	NONE		✓	С	NONE		~	С	NONE		✓	С	NONE		✓	С	NONE	
73	Odor/Landfill Gas – 7.02		Landfill Gas Collection System	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
74	Odor/Landfill Gas – 7.04		Gas Collection/Flare System Risk Mitigation	ongoing																								
75	Odor/Landfill Gas – 7.05		Wellhead Awareness	status	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
76	Odor/Landfill Gas – 7.06		Odor Control Measures	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
77	Odor/Landfill Gas – 7.07		Gas Recovery and Sale	status	✓	FRN	I-g		✓	FRN	l-h		√	FRN	ŀi		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
78	Traffic/Circulation – 8.03		Street Light Installation	status	✓	С	NONE		✓	С	NONE		√	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
88	Visual – 10.11		Solid Waste Load Procedures-Improperly Covered/Contained	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
89	Visual – 10.11		Debris Removal at Entrance	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	 -	
90	Visual – 10.11		Litter Control-Fencing	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
91	Visual – 10.11		Periodic Litter Pickup	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	l

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92	Visual – 10.11		Litter Control-Additional Measures	ongoing	✓	FRN	l-g		✓	FRN	l-h		>	FRN	l-i		>	FRN	l-j		>	FRN	l-k		~	FRN	I-I	
93	Visual – 10.12		Discharge Control/Litter Recovery	status																								
94	Water Conserv 11.01		Water Conservation	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
95	Recycling - 14.01		On-site Waste Diversion/Recycling	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
122																												
123	Civil & Geotechnical Engineer																											
124																												
125																												
126	Revegetation - 44.C	44.C	Cut Slope Requirements	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
127																												
128	Geology - 1.01		Survey Monument Locations	ongoing	✓	NC	l-g		✓	NC	l-h		>	NC	l-i		>	NC	l-j		>	NC	l-k		~	NC	I-I	
129	Geology - 1.02		Seismic Design	ongoing																								
130	Geology - 1.03		Maximum Refuse Slope Gradients	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
131	Geology - 1.04		Maximum Refuse Slope Gradients	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
132	Geology - 1.05		Unsuitable Material Procedures	ongoing																								

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								1	Third	l Qu	arter 2	023	3							F	ourt	h Qı	ıarter	202	3			\neg
Line#	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	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*	10/30/2023	Status*	Further Review Needed/Comments**	Resolved*	11/29/2023	Status*	Further Review Needed/Comments**	Resolved*	12/11/2023	Status*	Further Review Needed/Comments**	Resolved*
133	Geology - 1.06		Grading Activities Procedures	ongoing	✓	FRN	l-g		~	FRN	l-h		~	FRN	l-i		~	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
134	Geology - 1.07		Grading Activities Procedures	ongoing	✓	FRN	l-g		~	FRN	l-h		✓	FRN	l-i		~	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
135	Geology - 1.09		Outer Perimeter Ridgeline Requirements	info	✓	FRN	l-g		>	FRN	l-h		>	FRN	l-i		>	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
136	Geology - 1.12		Soil Stabilization	ongoing	✓	FRN	l-g		>	FRN	l-h		>	FRN	l-i		>	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
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	l-g		>	FRN	l-h		>	FRN	l-i		>	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
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	l-g		>	FRN	l-h		>	FRN	l-i		>	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
142	Surface Water - 2.05		Underdrain Requirements	ongoing	✓	FRN	l-g		>	FRN	l-h		>	FRN	l-i		>	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
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	l-g		~	FRN	l-h		~	FRN	l-i		~	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
147	Visual – 10.01		Landfill Elevations	ongoing	✓	FRN	l-g		>	FRN	l-h		>	FRN	l-i		>	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
148	Visual – 10.02		Final Fill Elevations	ongoing	✓	FRN	l-g		>	FRN	l-h		>	FRN	l-i		>	FRN	l-j		✓	FRN	l-k		✓	FRN	1-1	
149																												
	Hydrologist		<u>-</u>																									
151 152																												
	Grading & Drainage - 38	38	Installation of Drainage Structures	ongoing																								
154			installation of Didillage Structures	3 3																								
155	Geology - 1.17		Landfill Design/Construction-Seismic	ongoing																								
-	Surface Water - 2.01		Surface Water Runoff Interception	ongoing																								

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								7	Third	Qua	arter 2	023	3							F	ourt	h Qı	arter :	2023	3			\neg
Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	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*	10/30/2023	Status*	Further Review Needed/Comments**	Resolved*	11/29/2023	Status*	Further Review Needed/Comments**	Resolved*	12/11/2023	Status*	Further Review Needed/Comments**	Resolved*
157	Surface Water - 2.02		Surface Water Runoff Collection	ongoing																								
158	Surface Water - 2.03		Surface Drainage Control-Maintenance	ongoing	✓	FRN	l-g		✓	FRN	l-h		~	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
159	Surface Water - 2-04		Sedimentation Basin Capabilities	ongoing	✓	FRN	l-g		~	FRN	l-h		>	FRN	l-i		~	FRN	l-j		✓	FRN	l-k		~	FRN	I-I	
160	Surface Water - 2.05		Underdrain Placement	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	H	
161	Surface Water - 2.07		Drainage Control System Design Approval	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	H	
162	Surface Water - 2.08		Surface Water Runoff-Drainage System	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
163	Surface Water - 2.10		Surface Water Collection System-Monitoring	ongoing	✓	NC	I-g		✓	NC	l-h		√	NC	l-i		√	NC	l-j		✓	NC	l-k		✓	NC	 -	
164	Surface Water - 2.11		Surface Water Quality-Collection/Monitoring	ongoing																								
165	Surface Water - 2.12		Permanent/Temporary Drainage Facilities	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		√	FRN	l-k		✓	FRN	I-I	
166	Surface Water - 2.13		Permanent/Temporary Drainage Facilities	ongoing																								
167	Surface Water - 2.14		Erosion Control Plan	ongoing	✓	FRN	l-g		✓	FRN	l-h		√	FRN	l-i		~	FRN	l-j		✓	FRN	l-k		✓	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-g		✓	NC	l-h		✓	NC	l-i		✓	NC	l-j		✓	NC	l-k		✓	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	√	С	l-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	I-I	

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								-	Thire	l Qu	arter 2	2023	3							F	ourt	h Qı	ıarter	2023	3			\neg
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181	Geology - 1.14		Personnel Retention for Monitoring Soil Erosion	ongoing	✓	С	I-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	I-I	
182	Groundwater - 3.11		Irrigation/Revegetation Management- Personnel Retention	ongoing																								
183	BIOTA – 4.10		Oak Tree Permit	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
184	BIOTA – 4.11		Oak Tree Mitigation Plan	ongoing	✓	FRN	I-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
185	BIOTA – 4.13		Oak Tree Mitigation Counting	ongoing	✓	FRN	I-g		✓	FRN	l-h		~	FRN	l-i		~	FRN	l-j		~	FRN	l-k		✓	FRN	I-I	
186	BIOTA – 4.20		Poultry Wire Screen	ongoing	✓	С	NONE		✓	С	NONE		~	С	NONE		✓	С	NONE		~	С	NONE		✓	С	NONE	
187	BIOTA – 4.24		Drip Irrigation	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
188	BIOTA – 4.27		Coastal Sage Scrub Mitigation Plan	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
189	BIOTA – 4.28		Coastal Sage Scrub Seeding	ongoing																								
190	BIOTA – 4.29		San Diego Horned Lizard Mitigation	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
191	BIOTA – 4.30		California Gnatcatcher Surveys	ongoing	✓	С	NONE		✓	С	NONE		√	С	NONE		~	С	NONE		✓	С	NONE		✓	С	NONE	
192	BIOTA – 4.31		Least Bell's Vireo Surveys	ongoing	✓	С	NONE		✓	С	NONE		>	С	NONE		>	С	NONE		>	С	NONE		✓	С	NONE	
193	BIOTA – 4.32		Western Burrowing Owl Surveys	ongoing	✓	С	NONE		✓	С	NONE		~	С	NONE		~	С	NONE		~	С	NONE		✓	С	NONE	
194	BIOTA – 4.33		Migratory Bird Treaty Act	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
195	BIOTA – 4.34		Raptor Nests Habitat	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
202	BIOTA – 4.43		Replacement Riparian Habitat	status	✓	FRN	l-g		✓	FRN	l-h		√	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
203	Air Quality - 6.02		Dust Control	ongoing	✓	С	l-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	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	l-g		✓	FRN	l-h		√	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
206	Visual – 10.08		Cover/Revegetation Requirements	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
207	Visual – 10.08		Solid Waste Disposal Procedures	ongoing	✓	С	NONE		✓	О	NONE		√	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
208	Visual – 10.08		Final Cut Slope Steepness	ongoing	✓	FRN	l-g		√	FRN	l-h		~	FRN	l-i		√	FRN	l-j		~	FRN	l-k		✓	FRN	I-I	
209	Visual – 10.08		Final Fill Slopes-Reclamation/Revegetation	status	✓	FRN	l-g		~	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		<	FRN	I-I	
210	Visual – 10.08		Revegetation Requirements	status	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		√	С	NONE		✓	С	NONE	
211	Visual – 10.09		Final Cover Composition Requirements	ongoing	✓	FRN	l-g		✓	FRN	l-h		√	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
212	Visual – 10.10		Buffer Zone Maintenance	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
213	Water Conservation - 11.02		Plant Species	ongoing																								
214	Fire Service - 12.01		Brush Clearance Measures	ongoing	~	С	NONE		>	С	NONE		~	С	NONE		>	С	NONE		>	С	NONE		~	С	NONE	
215																												-
	Air Quality & Noise Specialist		I																									
217 218																												
219	Fugitive Dust - 45.F	45.F	Fugitive Dust Monitoring	ongoing	✓	FRN	l-g		√	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
220	Fugitive Dust - 45.I	45.I	Paved Roads-Cleaning	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		√	С	NONE		✓	С	NONE		✓	С	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	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
226	Air Quality – 6.01		Working Face Requirements	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
227	Air Quality – 6.01		Erosion Control-Daily Cover	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	

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								7	Third	Qu	arter 2	023	}							F	ourt	h Qı	uarter	202:	3			\neg
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228	Air Quality – 6.01		Soil Stockpile Requirements	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
229	Air Quality – 6.01		Active Area Fill	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
230	Air Quality – 6.01		Soil Sealant	ongoing																								
231	Air Quality – 6.01		Dust Emissions-Road Maintenance	ongoing	✓	С	I-g		✓	С	l-h		✓	С	l-i		✓	С	l-j		✓	С	l-k		✓	С	I-I	
232	Air Quality – 6.01		Access Roads-Paving	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
233	Air Quality – 6.01		Dust Generation-Dumping	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
234	Air Quality – 6.01		Water Tanks/Piping Maintenance	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
235	Air Quality – 6.01		Wind Speed Monitoring	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	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	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	
	Admin Rpts/ Pgms-17.16		Air Quality Monitoring-Corrective Action Plan	ongoing	/				/				/				/				/				/			
246	Underland Hansadava Wasta / Pist	af Ilmant																								\vdash		
247	Hydrology, Hazardous Waste / Risk	oi upset																										
249																												
	IMP - Part IV.E	IMP4	Load Inspection-Random Manual	ongoing																								
251			Load Inspection-Ivalidoff Ividilidal	5 3																								
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

								Т	hird	Qu	arter 2	023	3							F	ourt	h Qı	ıarter 2	2023	3	—		\neg
Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	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*	10/30/2023	Status*	Further Review Needed/Comments**	Resolved*	11/29/2023	Status*	Further Review Needed/Comments**	Resolved*	12/11/2023	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	1
254	Fire Service - 12.02		On-site Fire Response Capabilities- Operating Equipment	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		~	С	NONE		✓	С	NONE		✓	С	NONE	
255	Fire Service - 12.03		On-site Fire Response Capabilities- Roads/Water	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	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	l
257	Fire Service - 12.05		Building Limits	ongoing	✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	l
258	Fire Service - 12.06		Methane Gas Monitoring-On-site Structures	ongoing	✓	С	NONE		✓	С	NONE		~	С	NONE		✓	С	NONE		✓	С	NONE		✓	С	NONE	ł
259	Hazardous Materials – 13.02		Waste Load Checking Program	ongoing																						il		
260	Hazardous Materials – 13.05		Hazardous Waste Disposal	ongoing																								
261	Hazardous Materials – 13.10		Hazardous Waste-Procedures	ongoing																						Ш		1
262	Hazardous Materials – 13.11		Spill Response Program	ongoing																						Ш		1
263	Safety - 16.02		Injury and Illness Prevention Program	status																								ł
264	Safety - 16.03		Working Conditions-Monitoring	status																								
265	Safety - 16.04		Inspection Checklist-Work Area Exposure	status																						Ш		1
266	Safety - 16.07		Accident/Injury Reports	status																						Ш		<u> </u>
267	Safety - 16.08		First-aid Kits	ongoing																								ł
268	Safety - 16.10		Lockout/Blackout Procedures	status																								1
269	Safety - 16.11		Personal Protective Equipment	status																						Ш		ł
	Landfill Operation - 18.8		Prohibited Waste Procedures	ongoing																								
271																										H		\square
	Archaeologist																											
273																												
274			Archaeological/Paleontological																									\blacksquare
275	Ecological Significance - 62	62	Identification/Conservation Program	ongoing	✓	FRN	l-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	\square
276	IMP - Part VII.B	IMP7	Archaeological/Paleontological Report Submission	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	_i [

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^{/ =} Yearly or non-ongoing monitoring frequency

								1	Thir	i Qu	arter 2	2023	3							F	ourt	h Qı	uarter	2023	3			
Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	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*	10/30/2023	Status*	Further Review Needed/Comments**	Resolved*	11/29/2023	Status*	Further Review Needed/Comments**	Resolved*	12/11/2023	Status*	Further Review Needed/Comments**	Resolved*
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-g		✓	FRN	l-h		✓	FRN	l-i		✓	FRN	l-j		√	FRN	l-k		✓	FRN	 -	
279	Archaeological – 5.03		Onsite Paleontologist	ongoing	✓	FRN	l-g		✓	FRN	l-h		√	FRN	l-i		✓	FRN	l-j		√	FRN	l-k		✓	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	l-g		✓	FRN	l-h		√	FRN	l-i		✓	FRN	l-j		✓	FRN	l-k		✓	FRN	I-I	
287	IMP - Part VII.B	IMP7	Archaeological/Paleontological-Report Submission	ongoing													✓	FRN	l-j		√	FRN	l-k		✓	FRN	 -	

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Appendix I

Further Review Needed Comments: Reference I-j through I-l Fourth 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-j through I-l: There was no grading outside of the approved landfill development limits during the 4th Quarter. The road realignment work was not within the Sunshine Canyon waste fill limits, but is in the CUP-approved areas for ancillary uses. Grading up the canyon from the terminal basin was occurring. The 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. Recent rain events caused significant erosion and mudflows. This resulted in an accumulation of sediment and standing water in the terminal basin and Basin A, and sediment in Basins C and E. Sediment and rock were not removed from the terminal basin's discharge 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 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 4th Quarter. All erosion in this area from the rain events was repaired. The future scales pad and the temporary access road to CC-4 Part 3, 4 and 5 were being graded.
		Geology - 1.07	County DPW EPD/SCL-LEA	I-j through I-l: See Q – B.2.c above.
		Geology - 1.12	County DPW EPD/SCL-LEA	I-j through I-l: See Q – B.2.c above.
	Q - C.3.h			I-j through I-l: In the 4th 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 from this location. On windy and dry days, dust clouds were observed coming from the cut slopes near the future toe berm location. These dust clouds could have left the site.
	Q - C.10.c		City Planning	I-j through I-l: During the 4th Quarter site monitoring, power outages and gas recovery system maintenance cause fluctuation in gas recovery volumes. Any operating data was not constant.

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-j through I-l: See Q - C.10.c above.
		Gas - 52	County DPW EPD/SCL-LEA County Forester Fire Warden	I-j through I-l: See Q - C.10.c above.
	T-4		City Planning, City Fire Department	I-j through I-l: 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-j through I-l: See T-4 above.
	M - 4.1.1 / 4	M - Earth Resources	City Department of Building and Safety	I-j through I-l: 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. The water discharge pipe into the terminal basin was covered by soil in the 3rd Quarter to stop any water flow. It was 25% plugged with sediment at the terminal basin in the 4th Quarter. 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-j through I-l: 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-j through I-l: See M - 4.1.1 / 7 above.
	M - 4.1.4 / 11	Post-5.0 Earthquake Analysis	City Planning	I-j through I-l: There were no earthquakes of 5.0 or greater during this monitoring period.
	M - 4.2.12 / 26 and 28		City Planning/SCAQMD	I-j through I-l: During the 4th 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-j through I-l: See M - 4.2.12 / 28 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed - Comments
Project Manager	M -4.2.13/ 29, 30, 32, 33, and 34		City Planning/SCL-LEA/SCAQMD	I-j through I-l: 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.
		Amendment 45.N-4.a, 4.c, 4.d	County DPW-EPD	I-j through I-l: See M -4.2.13/ 29, 30, 32, 34 above.
		Amendment 45.N-5	County DPW-EPD	I-j through I-l: See M -4.2.13/29, 30, 32, 34 above.
	M - 4.2.13 / 33		City Planning/SCAQMD	I-j through I-l: On our random days of site visits during the 4th Quarter, there were no landfill odors detected in the adjacent neighborhoods.
	M - 4.2.13 / 34		City Planning/SCAQMD	I-j through I-l: See M-4.2.13/29, 30, and 32 above.
		Odor/Landfill Gas - 7.06	County DPW-EPD/SCL- LEA/SCAQMD	I-j through I-l: See M-4.2.13/33 above.
		Amendment 45.N - 4.a, 4.c, 4.d	County DPW-EPD	I-j through I-l: See M-4.2.13/29, 30, 32, and 34 above.
		Amendment 45.N - 5	County DPW-EPD	I-j through I-l: See M-4.2.13/29, 30, 32, and 34 above.
		Surface Water - 2.15	County DPW EPD/ LARWQCB, SCL- LEA	I-j through I-l: 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 were not reviewed in the 4th Quarter. In the 4th 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. There was also no progress in maintaining the San Fernando Road retaining wall by removing the rock and soil on top of and adjacent to the wall.
	M - 4.4.2/ 69		City Planning	I-j through I-l: The status on providing offsite wetland and riparian mitigation has not changed in the 4th 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.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed - Comments
Civil and Geotechnical		Biota - 4.4.3	CDFW	I-j through I-l: See M - 4.4.2 / 69 above.
Engineer	M - 4.9.3 / 110		City Planning/City LEA	I-j through I-l: In the 4th 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. Illegal dumping was seen along the entrance wall on San Fernando Road.
	M - 4.1.1 / 2		City Building and Safety City Planning	I-j through I-l: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 4		City Planning/LARWQCB Cal Recycle	I-j through I-l: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 5		City Planning/ LARWQCB Cal Recycle	I-j through I-l: There was no grading outside of the approved landfill development limits during the 4th 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. Grading for the future scales pad was nearing completion. The temporary road from this pad to the CC-4 Part 5 active area was approximately 80% complete with road base in place. No paving was done.
		Geology - 1.07	County DPW EPD/ County LEA	I-j through I-l: See M - 4.1.1 / 5 above.
	M - 4.1.5 / 12		City Planning/LARWQCB Cal Recycle	I-j through I-l: See M - 4.1.1 / 5 above.
	M - 4.1.6 / 18			I-j through I-l: 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. New markers should be also placed at the final south double-lined boundary.
	M - 4.14.1 / 155		City Planning/Cal Recycle PW-BOE LADBS City LEA	I-j through I-l: 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-j through I-l: 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-j through I-l: See M - 4.18 / 178 above.

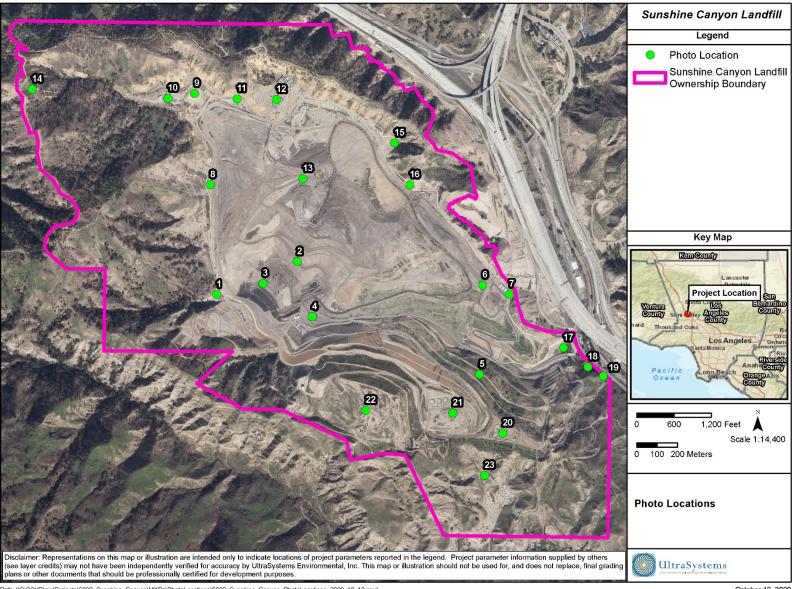
Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed - Comments
Civil and Geotechnical Engineer	M - 4.3.1/37,38		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE	I-j through I-l: Surface drainage systems were in-place 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-j through I-l: See M - 4.3.1/ 37, 38 above.
	M - 4.3.1 / 39		City Planning/LARWQCB Cal Recycle	I-j through I-l: See M - 4.3.1/ 37, 38 above.
	M - 4.3.1 / 40		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-j through I-l: See M - 4.3.1/ 37, 38 above.
	M - 4.3.1 / 43		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-j through I-l: In the 4th Quarter, none of the basins or channels were fully cleared of sediment. Standing water was observed in the terminal basin and Basin A. Major modifications were made to the terminal basin and its inlet channels. No hydrology reports were available to the monitor or the County that would show future rainwater control improvements. 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-j through I-l: See M - 4.3.1/ 37, 38 and 43 above.
		Surface Water - 2.14	LARWQCB / County DPW EPD	I-j through I-l: See M - 4.3.1/ 37, 38 and 43 above.
	M - 4.3.1/ 46		City Planning/ LARWQCB CalRecycle PW-BOE	I-j through I-l: 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-j through I-l: 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 4th Quarter. Tank farm liquids were being treated with 30% hydrogen peroxide at the tank farm and at the sewer connection.
Biologist	M - 4.1.1 / 6		City Planning/ LARWQCB CalRecycle SCL-LEA LADBS	I-j through I-l: See M - 4.2.12 / 28 above.
		Geology - 1.14	LARWQCB/ County Forester	I-j through I-l: See M - 4.2.12 / 28 above.
	M - 4.2.11 / 23		City Planning	I-j through I-l: See M - 4.2.12 / 28 above.
		Geology - 1.13	County DPW EPD/ County Forester LARWQCB	I-j through I-l: See M - 4.2.12 / 28 above.
	M - 4.2.12		SCL-LEA/ City Planning	I-j through I-l: See M - 4.2.12 / 28 above.
		Revegetation - 44.A	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-j through I-l: See M - 4.2.12 / 28 above.
		Revegetation - 44.F	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-j through I-l: See M - 4.2.12 / 28 above.
		Biota - 4.42	SCL-LEA	I-j through I-l: See M - 4.2.12 / 28 above.
		Air Quality - 6.02	SCAQMD/ SCL-LEA	I-j through I-l: See M - 4.2.12 / 28 above.
		Visual - 10.08	County Forester	I-j through I-l: 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-j through I-l: During the 4th 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 4th Quarter. Areas of City 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-j through I-l: See M - 4.4.1 / 60 above.
		Biota - 4.10	County LEA/CDFW	I-j through I-l: 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-j through I-l: See Biota - 4.10 above.
	M - 4.9.4 / 121		City Planning/Cal Recycle Cal OSHA LAFD City LEA	I-j through I-l: See T-4 above.
	M-4.9.4/ 125		City Planning/ CalRecycle Cal OSHA SCL-LEA	I-j through I-l: During the 4th Quarter, the north perimeter gate was observed not to be locked.
Paleontologist	M-4.19.2/ 191		City Planning	I-j through I-l: During the 4th 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-j through I-l: See M-4.19.2/ 191 above.

Appendix II

Relevant Site Photos



Path: \(\text{IIGISSVR\gis\Projects\5800}\) Sunshine_Canyon\(\text{IMXDs\PhotoLocations\5800}\) Sunshine_Canyon\(\text{IMXDs\PhotoLocations\5800}\) Sunshine_Canyon_PhotoLocations\(\text{2020}\)_10_12_mxd
Service Layer Credits: Sources: Esn, HERE, Garmin, USGS, \(\text{Intermap}\)_1\(\text{INCREMENT P}\)_N\(\text{NCan}\), Esri Japan, \(\text{METI}\)_1, \(\text{Esri China}\)_1 (Hong Kong), Esri Korea, Esri (Thailand), \(\text{NGCC}\)_1 (c) OpenStreetMap contributors, and the GIS User Community; CAL FIRE; 2007; \(\text{Republic, March 2020}\)_1 LA County \(\text{Assessor}\), 2020; \(\text{Location}\)_1 (assessor\)_2 (2020; \(\text{Location}\)_2 (assessor\)_2 (assessor\)_2 (2020; \(\text{Location}\)_2 (asses

October 12, 2020

Photo Location Map Key

Map Location	Title	Photo Number
1	Basin A	1 – 21
2	Working Area, CC4 Part 1/2	-
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Photo 36: Working Area, CC-4 Part 4/5: October 30, 2023

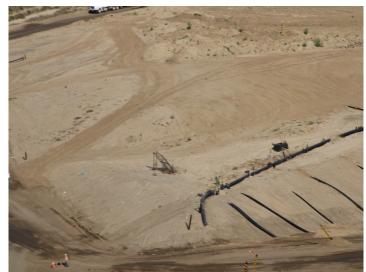


Photo 37: Working Area, CC-4 Part 4/5: October 30, 2023

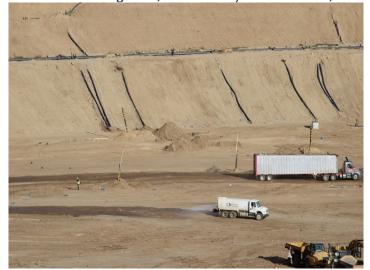


Photo 39: Working Area, CC-4 Part 4/5: October 30, 2023



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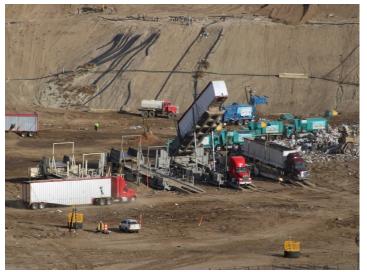


Photo 42: Working Area, CC-4 Part 4/5: October 30, 2023



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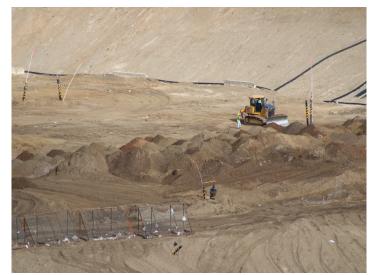


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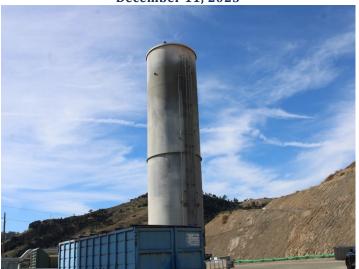


Photo 180: Flares 9, 10, 11 and Gas-to-Energy Facility: December 11, 2023



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Photo 248: Eastside Drainage Channel: November 29, 2023



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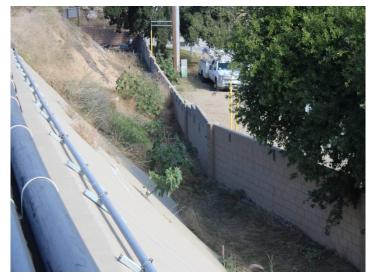


Photo 293: Terminal Basin: November 29, 2023



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Photo 321: Sage Mitigation, Deck B: October 30, 2023





Photo 322: Sage Mitigation, Deck B: October 30, 2023



Photo 324: Sage Mitigation, Deck B: October 30, 2023



Photo 325: Sage Mitigation, Deck B: October 30, 2023



Photo 327: Sage Mitigation, Deck B: October 30, 2023



Photo 326: Sage Mitigation, Deck B: October 30, 2023



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Photo 330: Southern Ownership Buffer: December 11, 2023



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Photo 447: Road Realignment: October 30, 2023



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Photo 451: Road Realignment: October 30, 2023



Photo 450: Road Realignment: October 30, 2023



Photo 452: Road Realignment: October 30, 2023



Photo 453: Road Realignment: October 30, 2023



Photo 455: Road Realignment: October 30, 2023



Photo 454: Road Realignment: October 30, 2023



Photo 456: Road Realignment: October 30, 2023



Photo 457: Road Realignment: October 30, 2023



Photo 459: Road Realignment: October 30, 2023



Photo 458: Road Realignment: October 30, 2023



Photo 460: Road Realignment: October 30, 2023



Photo 461: Road Realignment: October 30, 2023



Photo 463: Road Realignment: November 29, 2023



Photo 462: Road Realignment: October 30, 2023



Photo 464: Road Realignment: November 29, 2023





Photo 467: Road Realignment: November 29, 2023



Photo 466: Road Realignment: November 29, 2023



Photo 468: Road Realignment: November 29, 2023



Photo 469: Road Realignment: November 29, 2023



Photo 471: Road Realignment: November 29, 2023



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Photo 472: Road Realignment: November 29, 2023



Photo 473: Road Realignment: November 29, 2023



Photo 475: Road Realignment: November 29, 2023



Photo 474: Road Realignment: November 29, 2023



Photo 476: Road Realignment: November 29, 2023



Photo 477: Road Realignment: November 29, 2023



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Photo 499: Road Realignment: November 29, 2023

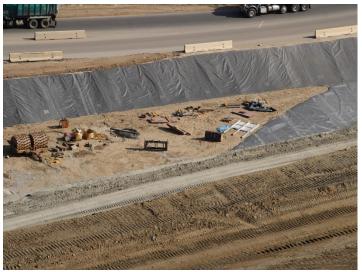


Photo 498: Road Realignment: November 29, 2023



Photo 500: Road Realignment: November 29, 2023



Photo 501: Road Realignment: November 29, 2023



Photo 503: Road Realignment: November 29, 2023



Photo 502: Road Realignment: November 29, 2023



Photo 504: Road Realignment: December 11, 2023



Photo 505: Road Realignment: December 11, 2023



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Photo 556: Road Realignment: December 11, 2023



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Photo 559: Road Realignment: December 11, 2023



Photo 558: Road Realignment: December 11, 2023



Photo 560: Road Realignment: December 11, 2023



Photo 561: Road Realignment: December 11, 2023



Photo 563: Road Realignment: December 11, 2023



Photo 562: Road Realignment: December 11, 2023



Photo 564: Road Realignment: December 11, 2023



Photo 565: Road Realignment: December 11, 2023



Photo 567: Road Realignment: December 11, 2023



Photo 566: Road Realignment: December 11, 2023



Photo 568: Road Realignment: December 11, 2023



Photo 569: Road Realignment: December 11, 2023



Photo 571: Road Realignment: December 11, 2023



Photo 570: Road Realignment: December 11, 2023



Photo 572: Road Realignment: December 11, 2023



Photo 573: Road Realignment: December 11, 2023



Photo 575: Road Realignment: December 11, 2023



Photo 574: Road Realignment: December 11, 2023



Photo 576: Road Realignment: December 11, 2023

Appendix IV

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

October 2023



Monitor: James Aidukas	Page:	1	of	2	
Discipline: Project Manager	Date: 10/30/23				
Site Conditions: 60-75° F, 10-20 MPH winds					
SITE LOG					

Drove the Granada Hills area near Woodley Avenue, the adjacent neighborhood, and school areas from 6:45 to 7:30 a.m. There were no landfill odors detected at the school or the adjacent areas. There was illegal dumping of trash and debris on the Sierra Highway Road's shoulders near the I-14 overpass. There was a minor debris on the shoulder of San Fernando Road north of the entrance to the landfill. 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. The retaining wall on San Fernando Road south of the entrance has not yet had the sloughed soil removed from the top drainage channel or the roadway shoulder. Met with Mike Lindsay (UltraSystems), Tarik Hadj-Hamou (SRK), Steven Jareb (LACDRP) and Alex Castro (LACDPW). We then proceeded to monitor the site in separate vehicles and observed the following:

- The terminal basin had standing water from the recent rain events. The damaged outlet riser was repaired. The riser and skimmers were operational. The sediment was not fully removed prior to the rain. The outlet channel had sediment, rock, and debris that were not removed.
- The basin's concrete walls were reconstructed. A drainage pipe from the new access road basin was installed into the terminal basin. The placement appears to be low.
- There was grading on the Old City South slopes and ridgeline preparing the area for the final toe berm and realigning the current road.
- The new access road and future temporary road were under construction.
- The new Basin E was dry. Sediment was not yet removed.
- The ridgeline on the Old City South was being excavated for the new truck scales pad.
- Cell CC-4 Parts 4 and 5 were active accepting waste. There were no active fill waste odors detected on City Deck A. Wattles were being placed on the slopes for winter rain events.
- The observation platform on Deck A as closed due to the platform flooring collapse.
- City Deck B had grading for the new temporary road.
- Decks B and C sage mitigation was being maintained. No replacement of Oak trees had occurred.
- The gas recovery and flare systems were not operating due to an Edison power outage.
- Basin A had standing water. All sediment was not removed.

Page 2 of 2, SCL MMSRF 10-30-23	
 Basin C was dry. All sediment was not removed. The eastside outlet channel's concrete wal was not yet repaired. 	1
FURTHER REVIEW NEEDED	
COMMENTS	
Signed: Mainless	

Monitor: Mike Lindsay Page 1 of 2				
Discipline: Env	Date:	10-30-2023	Monday	
Site Conditions: Mostly Cloudy, 59–75 °F, NNE 10–23 mph, 19% RH, 37 AQI Moderate				
SITELOG				

- 1. No odors are present in the adjacent neighborhood and school at 7:10 a.m. Republic odor patrol is active.
- 2. No odors are present in the Rancho Cascades neighborhood at 7:25 a.m.
- 3. Met with Jim Aidukas (UltraSystems), Tarik Hadj-Hamou (SRK), Steven Jareb (LACDRP), and Alex Castro (LACDPW), following in separate vehicles to site locations.
- 4. The admin and LEA facility is in good order.
- 5. The main entrance road has been rerouted along the terminal basin.
- 6. The terminal basin is 10% covered with rainwater. Sediment and water are present north of the gabion wall. Construction has been completed, with new south walls and entrance ramp.
- 7. The new outlet drain pipe for the new sediment basin (designated basin E, located within the terminal basin) is open to the terminal basin.
- 8. Sediment is covering the new basin E, with no water present.
- 9. Scrapers are removing soil from the new entrance road area.
- 10. 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.
- 11. Observed the overall landfill operations from the observation deck. Note that the observation deck is closed with safety tape due to plywood flooring collapse.
- 12. Flare 1 is offline.
- 13. City deck B area has been excavated, possibly for stockpiled soil.
- 14. City deck C sage mitigation area is in good order.
- 15. Scales are in good order, with no odors present.
- 16. Eastside drainage channel by scales is clear of sediment.
- 17. Sediment basin B is covered with soil.
- 18. Eastside drainage channel by culvert still needs repair due to erosion.
- 19. Flares 9, 10 and 11 are offline due to Edison power outage for fire control.
- 20. Perimeter gate at secondary access road is propped open.
- 21. Secondary access road has deep rain ruts.
- 22. Mitigation oak trees are in good order.
- 23. Sediment basin D is in good order, with no standing water.
- 24. Storage yard is in good order.
- 25. Sediment basin A floor is covered with sediment and some water.
- 26. Working area at Cell CC-4 is active with tippers, moving floor trucks and packer trucks.
- 27. Westside drainage channel is in good order.
- 28. Observed the wet weather decking and new stockpiled gravel.
- 29. Straw wattles have been installed on slopes adjacent to wet weather deck.
- 30. Localized dust clouds are present at the excavation area for the final toe berm.
- 31. Erosion is present on slopes along the main haul road.
- 32. Drove Ubaid Qazi (LAC LEA) to view the downed power poles and lines at the top of the secondary access road.
- 33. Street sweepers are cleaning the haul roads.

FURTHER REVIEW NEEDED

- 1. Clear sediment and rock from terminal basin outlet.
- 2. Repair soil erosion at new entrance road shoulders and slopes.
- 3. Repair erosion ruts along main haul road.

Signed: Michael W. Lindsay

November 2023



Monitor: James Aidukas	Page:	1	of	1	
Discipline: Project Manager	Date: 11/29/23				
Site Conditions: 50-60° F, 0-10 MPH winds					
	SITELOG	ALC:			

Drove the Granada Hills adjacent neighborhood and school areas from 6:30 to 7:45 a.m. There were no landfill odors detected at the school or the adjacent areas. There was illegal dumping of trash and debris on the shoulder near the landfill entrance. 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), Steven Jareb, Edgar De La Torre, and Diana Gonzalez (LACDRP), Alex Castro (LACDPW), and Dave Thompson (City LEA). We then proceeded to monitor the site in separate vehicles and observed the following:

- There was standing water in the terminal basin. Sediment will most likely not be removed until after the rainy season. Sediment capacity this coming year may be an operational concern. Landfill debris was observed near the risers and in the outlet channel.
- The new Basin E was dry. Sediment has not been removed.
- The new access road is being widened around Basin E. Some portions of the road may have to be lowered and v-ditches reconstructed. Control of rainwater onto San Fernando Road may be a design issue.
- Windblown debris as being picked up by laborers. Portions of the westside drainage channel were blocked by debris.
- Cell CC-4 Part 4 was active accepting waste.
- The Closure Turf was performing well with no cover, liquids, or gas issues.
- Basin A had a significant amount of standing water. Windblown litter was seen in the sediment.
- The new temporary road to the Cell CC-4 and CC-5 areas was being constructed.
- The gas recovery, flaring, and power plant systems were being brought back on after a power outage. Gas usage was usual for each system observed.
- Basin B was dry. Sediment has not been removed. The outlet eastside channel has not been repaired nor vegetation removed.

FURTHER REVIEW NEEDED
COMMENTS
Signed:

Monitor: Mike	Lindsay	Page 1 of 2			
Discipline: Environmental Engineer Date: 11-29-2023 Wednesday				Wednesday	
Site Conditions: Partly Cloudy, 45–60 °F, W 3–8 mph, 55% RH, 42 AQI Moderate					
SITE LOG					

- 1. No odors are present in the adjacent neighborhood and school at 7:30 a.m. Republic odor patrol is active.
- 2. Met with Jim Aidukas (UltraSystems), Edgar De La Torre and Diana Gonzalez (LACDRP), Alex Castro (LACDPW) and David Thompson (LEA), following in separate vehicles to site locations.
- 3. The admin and LEA facility is in good order.
- 4. The leachate tank farm is in good order, with no odors or leaks present.
- 5. The terminal basin is partly covered with rainwater. Sediment and water are present north of the gabion wall.
- 6. The outlet drain pipe for the new sediment basin E, which terminates near the gabion wall, is one-third covered with standing water.
- 7. The terminal basin outlet channel has soil, gravel and trash present.
- 8. Sediment is covering the new basin E, with no water present.
- 9. Scrapers are removing soil from the new entrance road area.
- 10. Trash and debris are blocking the westside drainage channel culvert.
- 11. Observed the overall landfill operations from the observation deck.
- 12. The closure turf is in good order, with no odors present.
- 13. Working area at Cell CC-4 is active with tippers, moving floor trucks and packer trucks.
- 14. Street sweepers are cleaning the haul roads.
- 15. The Sukut road above Cell CC-4 is being regraded.
- 16. Sediment basin A floor is mostly covered with water and some wind-blown trash.
- 17. The County top deck is in good order, with stockpiled soil being used for cover material.
- 18. The County sage mitigation area is in good order.
- 19. Flare 9 is operating at 2453 scfm, 1668 °F. Gas sample measured at 41 % Vol. CH4, 0.7 % Vol. O2, 3 ppm CO, and 49 ppm H2S. Blowers 1, 2, 3, 4, 5 and 6 are operating. Gas inlet temperature is 120 °F.
- 20. Flare 10 is operating at 2891 scfm, 1647 °F. Gas inlet temperature is 100 °F.
- 21. Flare 11 is operating at 2500 scfm, 1658 °F. Gas inlet temperature is 112 °F.
- 22. Sunshine Gas Producers facility is operating at 4011 scfm, with no odors present.
- 23. Perimeter drainage channel at flare pad is in good order, with sediment filling most of channel.
- 24. A drainage channel below (southwest) of the flare pad is still blocked with soil and a large tree.
- 25. Sediment basin B is covered with soil, with no water present.
- 26. The eastside drainage channel southeast of Basin B has not been repaired. The concrete V-ditch wall has been undermined by erosion.
- 27. No odors are present at the bowl area by sediment basin B.
- 28. Observed the wet weather decking and new stockpiled soil, asphalt and gravel.

FURTHER REVIEW NEEDED

- 1. Clear sediment and rock from terminal basin outlet.
- 2. Clear debris at westside drainage channel culvert.
- 3. Repair eastside drainage channel wall by sediment basin B.

Signed: Michael W. Lindsay

December 2023



Sunshine Canyon Landfill December 11, 2023 Site Visit Conference Call Discussion Items

Site Visit Participants

Monday, December 11, 2023 Site Visit
James Aidukas and Mike Lindsay, UltraSystems
Steven Jareb, Edgar De La Torre and Diana Gonzalez, LACDRP
Alex Castro, LACDPW

<u>Discussion Topics After Reviewing Site Visit Photos</u>

- 1. We detected fresh trash odors at the observation deck area and in the middle of the County top deck.
 - a.) What operational systems are being used to control odors?
- 2. We observed a water buffalo mister on City deck A and the mister line on City decks B and C not operating.
 - a.) Why are they not in use?
- 3. How will truck traffic and queuing be managed on the new road to the proposed scales location and temporary haul road system?
- 4. Is a modification to the entrance traffic signal timing being pursued?
- 5. Downstream of Basin B, the eastside drainage channel wall has not yet been repaired.
 - a.) How is the preventative maintenance program being implemented?
- 6. During the November site visit, large dust clouds were seen near the final toe berm construction area.
 - a.) What is being done about dust control issues?
- 7. Some of the native cut slopes near the proposed scales location have no drainage system in-place.
 - a.) What is planned for the cut native slopes?
- 8. The terminal basin outlet channel has sediment, rock and some litter present.
- 9. What is the source of water coming out of the wall drain pipe at the terminal basin outlet channel?
 - a.) Has this water been tested?
- 10. What is your plan for minimizing the impact of storage materials to non-landfilling areas?



- 11. Wind-blown trash has accumulated in several areas.
 - a.) Did any trash leave the site?
- 12. The sage mitigation on the old City Decks B and C were being maintained and doing well.
- 13. The PM-10 oak tree mitigation area was observed. There were numerous dead oak trees.
- 14. The active area was observed and was operating with no concerns.
- 15. The condensate and leachate treatment facility were observed. There were no odors detected and no concerns noted.

Site Operations

- 1. Were there any notices of violation (NOVs) issued in November or December 2023?
- 2. Were there any operational complaints in November or December 2023?

Please view the photos for this site visit in the Sunshine Canyon Dropbox directory for December 11, 2023:

SCL - Site Photos



Monitor: James Aidukas	Page:	1	of	2	
Discipline: Project Manager	Date: 12/11/23				
Site Conditions: 50-70° F, 0-15 MPH winds					
	SITE LOG				

Drove the Granada Hills adjacent neighborhood and school areas from 6:30 to 7:45 a.m. There were no landfill odors detected at the school or the adjacent areas. There was no illegal dumping on Sierra Highway. There was illegal dumping of trash and debris on the shoulder near the landfill entrance. The deep ruts in the left turning and the adjacent northbound lanes on San Fernando Road at the landfill entrance have not yet been repaired. This road condition could be a hazard for passenger cars, small pickup trucks, and motorcycles. Met with Mike Lindsay (UltraSystems), Steven Jareb, Edgar De La Torre, and Diana Gonzalez (LACDRP), and Alex Castro (LACDPW). We then proceeded to monitor the site in separate vehicles and observed the following:

- The terminal basin had standing water west of the gabion wall and around the outlet risers. Sediment was not fully removed before the rain. The new basin E corrugated HDPE drainage inlet pipe was partially covered with water.
- The terminal basin's outlet channel had sediment, rocks, and litter in it. The San Fernando Road drainage inlet into the channel was flowing water.
- The future truck scales' location northwest of the oil field road near Basin E was being filled and graded.
- Basin E was dry. Sediment was not removed.
- The new access road needs more soil filling and grading near Basin E.
- City Deck C sage mitigation area was being maintained. The fence along Deck C was covered with windblown litter.
- The new temporary access road from the future scales to CC-4 Part 5 was nearing completion. This will be used for approximately four years.
- Drainage V-ditches were not totally installed. Rills were observed in some of the graded areas.
- The permanent final perimeter access road is currently a dirt road.
- Cell CC-4 Parts 3, 4, and 5 were accepting waste. Fresh trash odors were evident at the observation deck area. Windblown litter was observed around the southern and western landfill perimeter.
- The Closure Turf was performing well with no cover, liquids, or gas issues.
- Basin C was dry. All sediment was not removed. The outlet's eastside channel has not been repaired nor vegetation removed.

MMSRF 12-11-23 page 2 of 2					
 Basin A had standing water with some sediment and floating litter. The gas recover volumes were not steady due to SCS performing field adjustments. 					
FURTHER REVIEW NEEDED					
COMMENTS					
Signed:					

Monitor: Mike Lindsay Page 1 of 2				
Discipline: Env	Date:	12-11-2023	Monday	
Site Conditions: Partly Cloudy, 51–71 °F, S 4–14 mph, 31% RH, 25 AQI Fair				
SITE LOG				

- 1. No odors are present in the adjacent neighborhood and school at 7:40 a.m. Republic odor patrol is active.
- 2. No odors are present in the Rancho Cascades neighborhood at 7:50 a.m.
- 3. Sierra Highway and San Fernando Road are clear of trash and debris.
- 4. Met with Jim Aidukas (UltraSystems), Steve Jareb, Edgar De La Torre and Diana Gonzalez (LACDRP), and Alex Castro (LACDPW), following in separate vehicles to site locations.
- 5. The admin and LEA facility is in good order.
- 6. The leachate tank farm is in good order, with no odors or leaks present.
- 7. The terminal basin has a significant amount of sediment and standing water south of the gabion wall.
- 8. The outlet drain pipe for the new sediment basin E, which terminates near the gabion wall, is one-half covered with standing water.
- 9. The terminal basin outlet channel has soil, gravel and trash present.
- 10. The terminal basin outlet channel has continuous water flowing out of a wall pipe in tunnel underneath San Fernando Road.
- 11. Observed site seismograph located by main haul road entrance.
- 12. Sediment is covering the new basin E, with no water present.
- 13. Observed fine grading at the new entrance road area just southwest of the existing powerline tower.
- 14. The City deck C sage mitigation area is in good order.
- 15. Observed new temporary access road below City deck C, including scrapers taking soil from bench road and depositing it on pad area.
- 16. Trash and debris are present along PM-10 berm fencing.
- 17. Observed the overall landfill operations from the observation deck.
- 18. The closure turf is in good order, with no odors present.
- 19. The City deck A sage mitigation area has wind-blown trash present.
- 20. Landfill odors are present at southern ridge at 10:20 am.
- 21. Working area at Cell CC-4 is active with tippers, moving floor trucks and packer trucks.
- 22. Street sweepers are cleaning the haul roads.
- 23. Trash and debris are present within westside drainage channel south of Cell CC-4.
- 24. Sediment basin B is covered with soil, with no water present.
- 25. The eastside drainage channel southeast of Basin B has not been repaired. The concrete V-ditch wall has been undermined by erosion. The culvert is blocked with vegetation and debris.
- 26. No odors are present at the bowl area by sediment basin B.
- 27. Observed the wet weather decking and new stockpiled soil, asphalt and gravel.
- 28. The County top deck is in good order, with stockpiled soil being used for cover material.
- 29. The County sage mitigation area is in good order.
- 30. Flare 9 is operating at 3727 scfm, 1631 °F. Gas sample measured at 44 % Vol. CH4, 1.1 % Vol. O2, 3 ppm CO, and 57 ppm H2S. Blowers 1, 3, 4 and 6 are operating. Gas inlet temperature is 119 °F.
- 31. Flare 10 is operating at 3624 scfm, 1656 °F. Gas inlet temperature is 100 °F.
- 32. Flare 11 is offline.

Page 2 of 2 12-11-2023

- 33. Blowers 2 and 5 electric motors have been removed and shipped to Texas for evaluation.
- 34. Sunshine Gas Producers facility is operating at 8446 scfm, with no odors present.
- 35. Perimeter drainage channel at flare pad is in good order, with sediment filling most of channel.
- 36. A drainage channel below (southwest) of the flare pad is still blocked with soil and a large tree.
- 37. Sediment basin A is covered with soil, with standing water present new riser drains.
- 38. Flare 3 is operating at 2321 scfm, 1612 °F. Gas sample measured at 42 % Vol. CH4, 2.3 % Vol. O2, 6 ppm CO, and 49 ppm H2S. Gas inlet temperature is 128 °F

FURTHER REVIEW NEEDED

- 1. Clear sediment and rock from terminal basin outlet.
- 2. Investigate source of water flowing out of wall pipe at terminal basin outlet tunnel.
- 3. Remove trash and debris along PM-10 berm fencing.
- 4. Remove trash and debris at City deck A.
- 5. Clear debris at westside drainage channel culvert.
- 6. Repair eastside drainage channel wall by sediment basin B.
- 7. Clear eastside drainage channel below flare pad 9.

Signed: Michael W. Lindoay