

**Sunshine Canyon Landfill
Independent Monitor
Quarterly Site Monitoring Status Report
April 1, 2022 – June 30, 2022**

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:

August 5, 2022



UltraSystems
environmental | management | planning

CERTIFICATION STATEMENT

August 5, 2022

The attached Quarterly Site Monitoring Status Report for the Sunshine Canyon Landfill dated August 5, 2022 is the Second Quarterly Report for 2022, issued by UltraSystems. This report covers the monitoring period from April 1, 2022 through June 30, 2022 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

Contents

Quarterly Status Report.....	1
Site Visits During the Quarter.....	2
Definition of Terms.....	2
Status Summary	2
Compliant.....	2
Non-Compliant.....	3
Further Review Needed.....	3
Additional Site Procedures for COVID-19	18
Summary of Requested Documents.....	18
Conclusions	22

Sunshine Canyon Landfill City Mitigation Monitoring Summary
(see spreadsheet)

Sunshine Canyon Landfill County Mitigation Monitoring Summary
(see spreadsheet)

Appendices

Appendix I	Further Review Needed Comments: Reference I-d through I-f
Appendix II	Photo Location Map and Relevant Site Photos
Appendix III	Sunshine Canyon Landfill COVID-19 Site Monitoring Procedures
Appendix IV	Quarterly Site Visits
	Attendees by Date and Mitigation Monitoring Site Reports

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 April 1, 2022 to June 30, 2022. It includes:

1. The City and County Mitigation Monitoring Summary spreadsheets for April 1, 2022 to June 30, 2022. These spreadsheets record the areas of monitoring completed and the status of being compliant during the second quarter of 2022;
2. A Status Summary of Non-Compliant, Further Review Needed and Compliant with the requirements of the conditions and/or mitigation measures;
3. Photo Location Map and Relevant Site Photos showing site conditions of key areas of the landfill during this quarter;
4. Site visit attendees by date of site visit and the mitigation monitoring site report from each monitor;
5. Site visits during the 2nd Quarter followed the Centers for Disease Control and Prevention (CDC) guidelines for COVID-19 health protocols and complied with state and County restrictions. The landfill visits occurred on one day each month. All UltraSystems monitors were in separate vehicles to observe and take photos of the

landfill area and operations. There was limited contact with landfill staff. Any contact with staff observed social distancing and the wearing of protective face coverings. The project team specialists reviewed the site photos and site visit reports remotely in the UltraSystems offices and developed a list of discussion items to review with landfill management. A monitoring conference call with landfill management provided answers and the status of the discussion items. This call was then summarized, which concluded the monitoring activity.

Site Visits During the Quarter

Three site visits were performed by UltraSystems during the April to June 2022 quarter in order to observe operational site activities and determine compliant status with conditions and/or mitigation measures. They were performed on April 25, 2022; May 23, 2022; and June 27, 2022. Remote site monitoring conference calls were held in lieu of normal site monitoring visit meetings in order to follow the CDC guidelines for COVID-19 health protocols.

Definition of Terms

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

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

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

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

Status Summary

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

Compliant

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

Non-Compliant

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

Further Review Needed

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

Q-B.2.c (City)

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

Geology-1.07 (County)

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

Geology-1.11 (County)

Grading allows for ancillary facilities outside of the landfill footprint.

Biota-4.29 (County)

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

Biota-4.30 (County)

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

Biota-4.33 (County)

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

Biota-4.34 (County)

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

Current Status/Comment – There was no grading outside of the approved landfill development limits during the 2nd Quarter. The grading that occurred was for construction of the final main access road and drainage channel around the road. The road realignment was not within the Sunshine Canyon waste fill limits but is in the CUP-approved areas for ancillary uses. The road realignment also included a new sedimentation basin and the removal of a portion of the existing terminal basin and the westside inlet channels to the basin. This was in preparation for the construction of a final toe berm. In the 2nd Quarter, the new access road had soil placed to near final elevations from the entrance on San Fernando Road to the oil field road above the basin. There was no soil compaction equipment except for soil haul trucks. The new road construction and final toe berm will need a substantial amount more of soil importation. The completion of these improvements is scheduled for 2023. Cell CC-4 Part 3A, 3B and CC-4 Part 4A were the only areas accepting waste during the 2nd Quarter. ADC was being used at the active disposal areas. The availability of soil for ADC cover was an operations problem with adequate soil sometimes not being delivered when needed for Saturday cover. Lack on ADC cover was observed on Monday, April 25, 2022.

Q-C.3.h (City)

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

Current Status/Comments – In the 2nd 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. The dust was not observed leaving the site. The current disposal areas are small cells and are non-contiguous. In the near future, when large contiguous cells are used for disposal, more permanent access roads need to be constructed. They should be surfaced with recycled aggregate or soil stabilizer.

Q-C.5 (City)

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

Current Status/Comments – In the 2nd Quarter, there was no graffiti observed at the landfill site.

Q-C.10.c (City)

The operator shall submit, as part of its annual report, an evaluation of the feasibility of beneficial uses of the landfill gas collected at the site such as landfill-gas-to-energy.

Odor/Landfill Gas - 7.07 (County)

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

Gas - 52 (County)

To the extent technically and economically feasible, the Permittee shall use Landfill gas for energy generation at the Facility or other beneficial uses, rather than flaring, and shall obtain all applicable local, state, and/or federal approvals for any such use. Notwithstanding the foregoing, the Permittee shall be exempt from this Condition No. 52 if, as a 'part of its annual report required by Part X of the IMP, the

Permittee determines that any such activity or project is infeasible, which determination shall be subject to the review and approval of the Director of Public Works.

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

Current Status/Comments – In late April, the gas-to-energy plant was using 9288 SCFM of recovered landfill gas. Flare 1: 1978 SCFM; Flare 3: not operating; Flare 9: not operating; Flare 10: 2735 SCFM; Flare 11: 2678 SCFM. The total volume of landfill gas being recovered was 16,679 SCFM.

In late May, the gas-to-energy plant was using 9343 SCFM of recovered landfill gas. Flare 1: 2194 SCFM; Flare 3: not operating; Flare 9: not operating; Flare 10: 3747 SCFM; Flare 11: 3683 SCFM. The total volume of landfill gas being recovered was 18,967 SCFM.

In late June, the gas-to-energy plant was using 3758 SCFM of recovered landfill gas. Flare 1: 1736 SCFM; Flare 3: not operating; Flare 9: 4185 SCFM; Flare 10: not operating; Flare 11: 4972 SCFM. The total volume of landfill gas being recovered was 14,651 SCFM.

The monthly average quantity of landfill gas being recovered in the 2nd Quarter was 16,766 SCFM, with the gas-to-energy plant monthly average usage 7463 SCFM. Republic has stated that they are pursuing options for using the excess recovered gas that is now being flared.

T-4 (City)

Prepare a plot plan ["fire plan"] to the satisfaction of the Fire Department.

a. immediate access fire plan [now]

b. plot plan for the future facilities will be submitted when these are implemented

Fire Service - 12.03 (County)

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

Current Status/Comments – An updated fire plan showing the new locations of all facilities and normal and emergency ingress and egress should be prepared and sent to the local City fire department station and City and County planning now that the office facilities have been moved to the new location and the realignment of the main access road and toe berm are under construction. Emergency egress should be posted for employees and customers.

M-4.1.1(2) (City)

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

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

M-4.1.1(4) (City)

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

M-4.1.1(5) (City)

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

M-4.1.5(12) (City)

Geologic Hazards - Liquefaction

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

M-4.14.1(155) (City)

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

Geology-1.07 (County)

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

Current Status/Comments – There was no grading outside of the approved landfill development limits during the 2nd Quarter for waste disposal. Grading for the road realignment was done in the small valley south of the current main access road. The use was approved in the original CUP for ancillary uses. 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. Compliance with County Geology - 1.07 CUP Condition was not able to be verified by the monitor or County departments. The rainwater control system for the new access road and sedimentation basin had uncontrolled rainwater impact the Gas Company's facility and San Fernando Road. How and where the new basin will discharge rainwater was not provided.

M-4.1.4(11) (City)

An operations checklist shall be used by a registered engineering geologist for surveys following all earthquake events measuring 5.0 on the Richter Scale or greater near the project site. A comparison of operating parameters and site conditions before and after major earthquake events shall be made to

verify that systems are operational as designed. Final designs for major engineered structures shall be based on the results of the detailed stability analyses of potential seismic events.

Geology-1.16 (County)

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

Current Status/Comments – There were no earthquakes of 5.0 magnitude or greater in the area during the 2nd Quarter.

M-4.1.1(6) (City)

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

M-4.2.11(23) (City)

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

M-4.2.12 (28) (City)

Site Erosion

c. A temporary vegetation cover shall be established on all slopes that are to remain inactive for a period longer than 180 days.

d. An SCAQMD approved soil stabilization (sealant) product shall be used to retard soil erosion and enhance revegetation. Soil sealant shall be applied when necessary to selected working areas of the landfill. The sealant will also be used as a binder or tackifier to hold seen during revegetation mulch, and fertilizers in-place until grasses become establish and stabilize on the landfill surface.

Geology-1.13 (County)

Revegetation and erosion control of all exposed slopes will be an ongoing process. The erosion controls to be implemented at the site will include soil stabilization measures and revegetation in accordance with the approved Revegetation Program. The installation of interceptor ditches shall be designed for the diversion of storm runoff to sedimentation basins. Sediment traps will be used at points of runoff concentration along the perimeter of exposed slopes surfaces.

Condition: Approval of drainage plan. Retention of a consulting horticulturalist/Registered Professional Forester and an independent qualified biologist by the permittee for ongoing supervision of revegetation programs. Review and monitoring of planting programs by County Forester.

Geology-1.14 (County)

To prevent soil erosion on the face of the landfill, interim vegetation measures will be taken after placement of the temporary soil layer (even though the area may be disturbed by future filling operations). Vegetative cover will be placed as in the approved Revegetation Program.

Condition: Retention of a consulting horticulturalist/Registered Professional Forester and an independent qualified biologist by the permittee for ongoing supervision of revegetation programs. Review and monitoring of planting programs by County Forester.

Biota – 4.42 (County)

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

Air Quality - 6.02 (County)

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

Visual-10.08 (County)

Cover/Revegetation Requirements

The permittee shall comply with the following cover and re-vegetation requirements at the Landfill:

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

Revegetation Requirements

(5) Notwithstanding the foregoing, the permittee shall not be bound by the previous provisions of this Condition No. 44, but instead by the requirements of the County LEA, so long as the Limits of Fill are not exceeded, if in consultation with the Department of Public Works, the County LEA determines that a different re-vegetation design or plan:

(1) would better protect public health and safety;

(2) would enable revegetation of the final slopes at least as well as shown in Exhibit "B" described in subsection D, above; and/or experts, including an independent, qualified bio (3) would be required because the minimum standards adopted by the CIWMB have been amended;

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

Biota - Revegetation - 44.A (County)

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

Revegetation - 44.F/44.F CUP (County)

F. The Permittee shall employ an expert or experts, including an independent, qualified biologist, to satisfy this Condition No. 44. Soil sampling and laboratory analysis shall be conducted in all areas that are required to be re-vegetated before any re-vegetation occurs to identify chemical or physical soil properties that may adversely affect plant growth or establishment. Soil amendments and fertilizer recommendations shall be applied and plant materials selected, based on the above-referenced testing procedures and results. To the extent possible, plant types shall blend with species indigenous to the

area, be drought tolerant, and be capable of rapid growth. The selected plants shall not include non-indigenous species that are likely to be invasive of adjacent natural areas.

Current Status/Comments – During the 2nd 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. The areas where the County top deck stockpile soil was removed which had isolated, deep depressions had significant ponding from rain events during the entire 2nd Quarter. Revegetation hydroseeding was not performed on inactive fill areas.

M-4.1.1 (7) (City)

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

Current Status/Comments – The old, abandoned oil well casing adjacent to the new 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.

M-4.1.6 / 18 (City)

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

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

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

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

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

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

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

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

- a. *Sample Probe Installation:* One monitoring probe per 1,000 feet or as identified by South Coast Air Quality Management District (SCAQMD) and/or Local Enforcement Agency (LEA) in the landfill expansion, and one probe per 650 feet or as identified by SCAQMD and/or LEA in the City Inactive landfill along the landfill perimeter, or whichever is more restrictive shall be installed to identify potential areas of subsurface landfill gas (LFG) migration. These probes shall be monitored to ensure that quantities of LFG beyond regulatory standards do not vent offsite through subsurface soils.
- b. *Integrated Landfill Surface Sampling:* The landfill surface shall be monitored to ensure that the average concentration of total organic compounds over the landfill surface does not exceed SCAQMD's standard of 25 ppm.
- c. *Ambient Air Samples:* 24-hour integrated gas samples and required meteorological data shall be taken to assess any impact the landfill is having on the ambient air quality at the landfill perimeter.
- d. *Instantaneous Landfill Surface Monitoring:* Spot checks on the landfill surface shall be made to determine the maximum concentration of total organic compounds measured as methane, measured at any one point on the surface of the landfill does not exceed the SCAQMD's standard of 500 ppm.
- e. *Regular Monitoring and Annual Testing:* LFG concentrations at perimeter probes, gas collection system headers, the landfill surface, and in ambient air downwind of the landfill shall be monitored once per month or less frequently (but no less than quarterly) as required by the SCAQMD. The LFG collection system shall be adjusted and improved based on quarterly monitoring data and annual stack testing results.

Odor/Landfill Gas - 7.06 (County)

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

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

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

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

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

- *An implementation schedule for the above work plan.*

Amendment 45.N - 5 (County)

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

Current Status/Comments – Compliance with these mitigation measures, concerning landfill gas monitoring and odor control and detection, is being monitored by a multi-agency team led by the SCAQMD. Only obvious gas emission sources, odorous operations related to gas and/or gas and landfill liquids, lack of cover, or exposed trash resulting in odors detected during the monitoring visits are reported in the monitors' site report.

On our random days of site visits during the 2nd Quarter, no landfill odors were detected in the adjacent neighborhoods

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

M-4.3.1(37) (City)

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

Surface Water - 2.03 (County)

As development of the site proceeds, surface drainage systems shall be maintained so that surface runoff is diverted away from working slopes and isolated from landfilled refuse. Onsite drainage channels would be designed per CCR, Title 23, Division 3, Chapter 15, Article 3, §2546(C), which mandates the requirements for a capital storm event (100-year 24-hour precipitation).

M-4.3.1(38) (City)

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

Surface Water - 2.12 (County)

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

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

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 had started. 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, and drainage improvements in the ravine south of the current entrance and modifications to the terminal basin's size and inlet sources. The design plans and design details and calculations were submitted to the City for permit approval. The engineering reports were not available for review by the monitor nor submitted to the LADPW for approval. Compliance with Surface Water - 2.03 could not be verified. An engineering evaluation of the total site's surface drainage system should be done which reflects the current system's modifications. Onsite drainage channels should be designed per CCR, Title 23, Division 3, Chapter 15, Article 3, Section 2533(C), and County of Los Angeles Public Works Department, Flood Control requirements.

M-4.3.1(39) (City)

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

M-4.18 / 178 (City)

The maximum permitted elevations for the landfill shall not be allowed to be exceeded at any time during landfill development and shall be verified through survey control points.

Current Status/Comments – A map showing areas that are at the final elevations and which should have final cover should be available for review. Documents showing current filled elevations should also be available onsite for review.

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 2nd Quarter, surface drainage systems were in place to intercept or divert rainwater away from prior landfill cells and current filling operations. Most of these were temporary systems in active areas, and most conveyance V-ditches were unlined. Erosion control plans are developed and implemented. The erosion control plans should be available for agency and monitor's review. The County top deck was a concern due to areas of the deck having isolated depressions from removing stockpiled soil.

M-4.3.1(41) (City)

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

M-4.3.1(43) (City)

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

Surface Water 2.10 (County)

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

Current Status/Comments – All of the basins were cleared of sediment before the winter rain events in the 1st Quarter. The channels were free of sediment on all but the eastside drainage system. Those channels had vegetation growing in the concrete, brush and spots with an accumulation of sediment and windblown litter blocking water flow. In the 2nd Quarter, the terminal basin and Basin A had a significant amount of water and sediment, with debris floating and stuck on the surface. The westside drainage channel had sediment and debris in it. The eastside channel had vegetation growing in the concrete cracks and sediment and debris blocking the channel's water flow.

M-4.3.1(46) (City)

A preventive maintenance program would be implemented by the project proponent, including inspection of facility equipment, systems, and stormwater management devices to detect conditions that may cause breakdowns or failures resulting in discharge of materials into stormwater. This program applies to the onsite drainage ditches; rip-rap; berms and dikes; dust control; silt fences; diversion grading; and pavement surfaces. Each system and piece of stationary equipment would be inspected monthly. Procedures for inspection would vary, due to the piece of equipment or system. However, the major elements of the inspection program would include checking for cracks or structural failures, inspecting parts or pieces of equipment nonfunctioning, checking for the degradation or deterioration of operating units, and investigating the need for cleaning or emptying units. A summary report of these monitoring results and the corrective actions taken will be disseminated in each newsletter with a more detailed report on the website and in the annual report.

Surface Water 2.15 (County)*Surface Water Preventive Maintenance Program*

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

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

Current Status/Comments – A preventative maintenance program with inspection of facility equipment, systems and storm water management devices to detect conditions that may cause breakdowns or failures resulting in discharge of materials into stormwater should be performed on a monthly basis, with a summary report issued on a quarterly basis. These reports have been reviewed prior to COVID-19 restrictions and were available at the landfill's main office.

In the 2nd 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. There were two areas of the eastside channel that were blocked with mud and rock, debris and brush. One was fully blocked and the other one with minimal flow capacity.

M-4.3.2(50) (City)

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

Current Status/Comments – The old City North top deck has a tank farm of 16 Alder 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 or the sewer connection during the 2nd 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.

Current Status/Comments – During the 2nd Quarter, City sage mitigation areas decks B and C were being maintained by the removal of non-native vegetation. Native vegetation was doing well. Bare spots were being filled in from planted native plants. The condition of the PM-10 oak trees was still being evaluated by Republic's consulting biologists. The yearly mitigation tree status report was being prepared. There was a substantial amount of dead PM-10 trees observed by the monitor. A schedule for replacement is waiting for the biologist's report to be issued. There was no activity on the County sage mitigation areas. 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 2nd Quarter.

M-4.4.3/72 (City)

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

Biota - 4.10 (County)

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

Current Status/Comments – An updated mitigation tree report evaluating the impacts of the Saddleridge Fire and other impacts was being prepared. The number and type of trees that will need to be replaced will be addressed in the report.

M-4.4.2/69 (City)

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

Current Status/Comments – The status on providing offsite wetland and riparian mitigation has not changed in the 2nd 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 Chatsworth Dam mitigation site needs to be evaluated as still being a potential mitigation site.

M-4.9.3(110) (City)

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

Current Status/Comments – In the 2nd Quarter, there was no litter or illegal dumping observed in the adjacent neighborhood or on Sierra Highway.

M-4.9.4(125) (City)

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

Current Status/Comments – During the 2nd Quarter of 2022, the north perimeter gate was observed to be locked.

M-4.19.2(191) (City)

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

Ecological Significance 62 (County)

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

Current Status/Comments – During the 2nd Quarter, the only grading in native undisturbed areas that required biological, archeological and paleontological monitoring was in the front entrance and the southeast ravine, where brush and tree clearance and rough grading was done for the development of the main access road realignment.

Alternative Fuel Vehicles 77.A-H (County)

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

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

Republic's Site Procedures for COVID-19

Republic staff stated that Sunshine Canyon Landfill took the following steps to protect employees from the COVID-19 virus:

- Acquired another employee van to have fewer people in a vehicle
- Implemented separate lunch schedules
- Set a limit of two people at a time in the locker room
- Installed new handwash stations around the facility
- Will put out buckets of water and bleach when parts arrive
- Will wipe down vans twice per day
- Issuing latex gloves
- Performing weekly deep cleaning
- Performing daily cleaning of door handles
- Eliminating the need for non-essential signatures

In the 2nd Quarter of 2022, no one had contracted the COVID-19 virus at the Sunshine Canyon Landfill.

Summary of Requested Documents

Part I – Reports and Plans

The following reports and plans were made available onsite and were reviewed in printed and electronic formats in 2019, just before the COVID-19 pandemic. Due to COVID-19 restrictions, a current review of these documents has been postponed. When the restrictions on having group meetings are lifted, documents concerning the following topics will be reviewed. The monitors verified the following to be available to the monitors and agencies' staff.

a) Current Fill Sequence Plan.

Current Fill Sequence Plans are available electronically and are updated at least weekly.

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

These plans are electronically available onsite.

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

Active City and County areas showing areas at final elevations were not observed. To date, no active areas have reached their final elevation. Trash elevations of inactive fill areas that have current or had prior stockpiled soil are not known.

d) The current erosion control plans.

Current erosion control plans were available electronically.

- e) Site drainage plans, including surface and underdrain systems, with complementing revegetation plans.

Site drainage plans were available electronically.

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

The plan was available electronically.

- g) Comprehensive geotechnical reports.

The reports were available electronically.

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

Printed copies were available.

Part II – Logs and Records

Previously requested logs, records, safety and procedural documents to be made available onsite were reviewed in printed and electronic formats in the first Quarter of 2019. The monitors verified the following to be available to the monitors and agencies' staff. Review of current documents will occur when COVID-19 restrictions on group meetings is lifted.

- a) Refuse Inspection Program (random load checks for prohibited waste)
- b) Hazardous Waste Load-Checking (flammable, corrosive and toxic waste)
- c) Spill Response Program (spill prevention, control and clean up procedures)
- d) Safety Inspections, Training and Checklists (for employees, contractors and vendors)
- e) Accident/Injury reports, Inspections (records of accidents and injuries)
- f) Personal Protective Equipment (including hard hats, safety vests and safety glasses)
- g) Hazardous Waste Disposal (procedures for disposal of toxic, ignitable or reactive ingredients)
- h) Hazardous Waste Procedures (procedures for handling toxic, ignitable or reactive ingredients)
- i) Injury and Illness Prevention Program (procedures to ensure OSHA compliance with health and safety in the workplace)
- j) Prohibited Waste Procedures (procedures for handling prohibited waste such as car batteries, used motor oil, tires and untreated medical waste)
- k) Lockout, Tagout and Blackout Procedures (specific practices and procedures to safeguard employees from the unexpected energization or startup of machinery and equipment)
- l) Accident Prevention Signs and Tags (included in the OSHA safety training for employees)
- m) Fire Response Procedures (included in the OSHA safety training for employees)
- n) Fire Hoses on Water Trucks (included in the OSHA safety training for employees)
- o) Heat Stress Prevention (included in the OSHA safety training for employees)
- p) Fire Extinguisher Training (included in the OSHA safety training for employees)
- q) Emergency Response and Evacuation Plan (included in the OSHA safety training for employees)
- r) Hearing Conservation (program designed to protect workers from hearing impairment)
- s) Stormwater Pollution Prevention (a site-specific document that identifies all of the activities and conditions onsite that could cause water pollution, and the steps the facility will take to prevent such a discharge)
- t) Confined Space Requirements (set requirements so employees have enough space to work, and systems to ensure limited or restricted means of entry or exit to confined spaces)

- u) Adverse Weather (procedures for maintaining work safety during severe weather conditions)
- v) Drug and Alcohol-Free Workplace Procedures (procedures committed to the elimination of drug and alcohol use and abuse in the workplace)
- w) Bloodborne Pathogens (procedures to protect employees from infectious microorganisms in human blood that can cause disease in humans. These pathogens include hepatitis B (HBV), hepatitis C (HCV) and human immunodeficiency virus (HIV); needlesticks and other sharps-related injuries may expose workers to bloodborne pathogens)
- x) Rollovers (procedures to help prevent truck and equipment rollovers; addresses poor driving conditions, speeding, driver fatigue and distracted driving; part of Republic's Focus 6 Program)
- y) Asbestos Safety and Respiratory Protection (procedures to help prevent respiratory injury to employees; includes the use of respirators and specialized clothing)
- z) Slips, Trips and Falls (procedures to help prevent slips, trips and falls; includes keeping walkways clear, use of handrails, use of proper footwear and managing power cords)
- aa) Conduct Hazardous Assessment (identify hazards and risk factors that have the potential to cause harm)
- bb) Industrial Truck Training (safety training for machines such as forklifts and lift trucks; part of Republic's Focus 6 Program)
- cc) Radiation Awareness (procedures and training to increase employee understanding of radiation and radioactivity, and how to manage encounters with radioactive materials)
- dd) Hazardous Communication (physical and health hazards; a set of processes and procedures that employers must implement in the workplace to effectively communicate hazards associated with chemicals during handling, shipping, and any form of exposure)

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, with no non-compliant conditions observed, as Republic was in the engineering, planning, or implementation phases of each. 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.

The 2022 2nd Quarter Mitigation Monitoring Summary spreadsheets track the progress and completion of tasks as they were accomplished during this quarterly period.

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
1	Project Manager																											
2																												
3																												
4	Q - A.3.		Definitions	info	/				/				/				/				/							
5	Q - A.6.		Submit Annual Reports	June yearly	/				/				/				/				/							
6	Q - A.10.		Provision of Fees	yearly	/				/				/				/				/							
7	Q - B.1.		Permitted/Prohibited Landfill Uses	yearly	/				/				/				/				/							
8	Q - B.2		Approval of Landfill	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
9	Q - B.2.c.		Ancillary Uses and Facilities	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
10			Ancillary Uses and Facilities																									
11	Q - B.2.d (3)		10 Year Phase Review	2015	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
12			10 Year Phase Review																									
13	Q - B.4.d.		Inert/Exempt Materials	info	/				/				/				/				/				/			
14	Q - B.5.a.		Prohibited Waste	info	/				/				/				/				/				/			
15	Q - B.6.		Waste Diversion	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
16	Q - C.3.g.		Paved Access Roads	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
17	Q - C.3.h.		Surfacing of Access Roads	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
18	Q - C.5.		Graffiti Removal and Deterrence	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
19	Q - C.10.c.		Evaluation of Beneficial Gas Usage	June yearly	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
20	Q - C.10.d. (1)		Alternative Fuel Vehicles	status																								
21	Q - C.10.d. (2)		Alternative Fuel Refuse Collection Trucks	status																								

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	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-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
27	T - 5.j.		Trip Diversion	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
28	T - 6		Satisfactory Street Lighting	status	/				/				/				/				/				/			
29																												
30	M - 4.1.1	7	Reabandonment Procedures	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
31	M - 4.1.4	11	Post-5.0 Earthquake Analysis	upon event	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
32	M - 4.2.12	27	Heavy Equipment Operations	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
33	M - 4.2.12		Heavy Equipment Operations	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
34	M - 4.2.12	28	Site Erosion-Cover	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
35	M - 4.2.12		Site Erosion-Cell Height	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
36	M - 4.2.12		Site Erosion-Sealant	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
37	M - 4.2.13	29	LFG Control Measures	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
38	M - 4.2.13	30	Operational Odor Control Techniques	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
39	M - 4.2.13	31	Solid Waste Compaction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
40	M - 4.2.13	32	LFG Collection and Recovery System	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
41	M - 4.2.13	33	Odor Control Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
42	M - 4.2.13	34	Odor/LFG Monitoring	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
43			Periodic LFG Monitoring		/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
44	M - 4.3.2	52	LFG Migration Mitigation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
45	M - 4.3.2	57	Dust Control Water	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
46	M - 4.4.2	69	Offsite Mitigation Sites	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
47	M - 4.4.2	70	Purchasing Wetland Credit	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
48	M - 4.4.2	71	Funding-Invasive Species Eradication Program	status	/				/				/				/				/				/			
49	M - 4.6	85	Site Lighting	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
50	M - 4.7.1	86	Open Space Buffer Area	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
51	M - 4.9.3	106	Litter Minimization	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
52	M - 4.9.3	107	Litter/Debris Containment	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
53	M - 4.9.3	108	Vehicle Tarping Requirements	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
54	M - 4.9.3	109	Periodic Offsite Litter Pickup	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
55	M - 4.9.3	110	Illegal Dumping Activities	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
56	M - 4.9.3	111	Radio Dispatch Litter Control	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
57	M - 4.9.3	112	Litter Control	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
58	M - 4.9.5	127	Address Concerns of Citizens' Advisory Committee	ongoing	/				/				/				/				/				/			
59	M - 4.9.6	128	Landfill Gas/Collection System-Unsafe Methane Levels Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
60	M - 4.9.6	129	Landfill Gas/Collection System-Detection/Training	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
61	M - 4.9.6	130	Landfill Gas/Collection System-Risk Mitigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
62	M - 4.16.4	176	Reclaimed Water	status	/				/				/				/				/				/			
63	M - 4.16.4	177	Water Conservation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
64																												
65	Civil & Geotechnical Engineer																											
66																												
67																												
68	M - 4.1.1	2	Grading Outside of Conceptual Grading Plan Area	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
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-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
71	M - 4.1.1	5	Grading Activity Compliance	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
72	M - 4.1.2	8	Landslide Guidelines	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
73	M - 4.1.2	9	Soil Stabilization	ongoing																								
74	M - 4.1.4	10	Landfill Design	ongoing																								
75	M - 4.1.4	11	Earthquake Operations Checklist	upon event	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
76	M - 4.1.5	12	Geologic Hazards - Liquefaction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
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	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
80	M - 4.1.6	16	Cut and Fill Slope Gradients	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
81	M - 4.1.6	17	Final Slope Factors of Safety	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
82	M - 4.1.6	18	Survey Monuments	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
83	M - 4.3.2	47	Landfill Liner	ongoing																								

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
84	M - 4.3.2	48	Landfill Liner	ongoing																								
85	M - 4.3.2	54	Preliminary Closure/Postclosure Plan	status																								
86	M - 4.3.2	55	Landfill Design/Operation/Final Closure Monitoring	status																								
87	M - 4.3.2	56	Cover Application	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
88	M - 4.14.1	155	Access Roadway Grade	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
89	M - 4.18	178	Landfill Elevation Exceedance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
90																												
91	Hydrologist																											
92																												
93																												
94	M - 4.1.4	11	Earthquake Operations Checklist	upon event	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
95	M - 4.3.1	36	Surface Water Infiltration Minimization	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
96	M - 4.3.1	37	Surface Drainage Systems	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
97	M - 4.3.1	38	Permanent/Temporary Ditches	ongoing	✓	C	I-a		✓	C	I-b		✓	FRN	I-c		✓	C	I-d		✓	C	I-e		✓	FRN	I-f	
98	M - 4.3.1	39	Drainage Protection	ongoing	✓	C	I-a		✓	C	I-b		✓	FRN	I-c		✓	C	I-d		✓	C	I-e		✓	FRN	I-f	
99	M - 4.3.1	40	SWRCB Permit Coverage	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
100	M - 4.3.1	41	Surface Water Collection System	ongoing																								
101	M - 4.3.1	42	Surface Water Quality Monitoring	ongoing																								
102	M - 4.3.1	43	Sediment Basin Maintenance	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
103	M - 4.3.1	44	Final Landfill Cover	ongoing																								
104	M - 4.3.1	45	Erosion Control Plan	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
105	M - 4.3.1	46	Preventive Maintenance Program	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
106	M - 4.3.2	49	Interception of Groundwater Seepage	ongoing												✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		
107	M - 4.3.2	50	LCRS/Leachate Monitoring	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
108	M - 4.3.2	51	LCRS Monitoring	ongoing																								
109																												
110	Biologist																											
111																												
112																												
113	M - 4.1.1	6	Slope Erosion Control	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
114	M - 4.2.11	23	Revegetation/Excavation	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
115	M - 4.2.12		Temporary Vegetation Cover	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
116	M - 4.4.1	60	Coastal Sage Scrub Mitigation Plan	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
117	M - 4.4.1	61	Coastal Sage Scrub Seeding	ongoing																								
118	M - 4.4.1	62	Mariposa Lily Mitigation Plan	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
119	M - 4.4.1	63	San Diego Horned Lizard Mitigation	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
120	M - 4.4.1	64	California Gnatcatcher Surveys	ongoing	/				/				/				/				/				/			
121	M - 4.4.1	65	Least Bell's Vireo Surveys	ongoing	/				/				/				/				/				/			
122	M - 4.4.1	66	Western Burrowing Owl Surveys	ongoing	/				/				/				/				/				/			
123	M - 4.4.1	67	Migratory Bird Treaty Act	ongoing	/				/				/				/				/				/			
124	M - 4.4.1	68	Raptor Nests Habitat	ongoing	/				/				/				/				/				/			
125	M - 4.4.3	72	Native Tree Mitigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
126	M - 4.4.3	73	Nonnative Tree Mitigation	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
127	M - 4.4.3	74	Mitigation Tree Planting	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
128	M - 4.4.3	75	Tree Planting Mitigation Site Prep	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
129	M - 4.4.3	76	Poultry Wire Screen	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
130	M - 4.4.3	77	Backfill Material	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
131	M - 4.4.3	78	Tree Planting Procedure	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
132	M - 4.4.3	79	Tree Area Mulching	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
133	M - 4.4.3	80	Tree Irrigation/Fertilization	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
134	M - 4.4.3	81	Irrigation System	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
135	M - 4.4.3	82	Annual Tree Monitoring Report	annual	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
136	M - 4.9.2	96	Vector Activity Monitoring	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
137	M - 4.9.2	97	Vector Elimination	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
138	M - 4.9.2	98	Fly Control	ongoing																								
139	M - 4.9.2	99	Rodent Control	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
140	M - 4.9.2	100	Operational Vector-Limiting Activity	ongoing																								
141	M - 4.9.2	101	Equipment Cleanliness/Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
142	M - 4.9.2	102	Storage of Vector-Attracting Items	ongoing																								
143	M - 4.9.2	103	Salvaged Material Storage-Vector Control	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
144	M - 4.9.2	104	Periodic Vector Inspections	ongoing																								
145	M - 4.9.2	105	Implementation of Vector Control Measures	ongoing																								
146																												
147	Air Quality & Noise Specialist																											
148																												
149																												

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
150	M - 4.2.11	19	Emissions Mitigation Measures	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
151	M - 4.2.11	19	Construction Curtailing due to Pollution	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
152	M - 4.2.11	20	Dust Lofting Minimization	ongoing																								
153	M - 4.2.11	21	Wind Speed Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
154	M - 4.2.11	22	Grading-Dust Reduction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
155	M - 4.2.12	24	Construction Equipment Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
156	M - 4.2.12		Construction Curtailing due to Pollution	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
157	M - 4.2.12	25	Refuse Trucks-Maintenance	ongoing																								
158	M - 4.2.12		Refuse Trucks-Engine	ongoing																								
159	M - 4.2.12		Refuse Trucks-Fee Schedule	ongoing																								
160	M - 4.2.12		Refuse Trucks-Fee Schedule Delivery Time	ongoing																								
161	M - 4.2.12		Refuse Trucks-Idling	ongoing																								
162	M - 4.2.12		Refuse Trucks-Emissions	ongoing																								
163	M - 4.2.12	26	Truck Travel and Fugitive Dust Emissions	ongoing	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
164	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																								
165	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																								
166	M - 4.2.12		Truck Travel and Fugitive Dust Emissions	ongoing																								
167	M - 4.5.2	83	Landfill Hours	info	/				/				/				/				/				/			
168	M - 4.5.2	84	Landfill Equipment-Noise Reduction	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
169																												
170	Hydrology, Hazardous Waste / Risk of Upset																											

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
171																												
172																												
173	M - 4.3.2	53	Groundwater Monitoring Wells	ongoing																								
174	M - 4.3.2	58	Operation as Class III Landfill	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
175	M - 4.3.2	59	Underground Fuel Storage	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
176	M - 4.9.1	90	Refuse Inspection Program	ongoing																								
177	M - 4.9.1	91	Hazardous Waste Load-Checking	status																								
178	M - 4.9.1	93	Hazardous Waste Detection Training	status																								
179	M - 4.9.1	94	Spill Response Program	status																								
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	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE	
183	M - 4.9.4	123	Personal Protective Equipment	ongoing																								
184	M - 4.9.4	125	Site Access/Fencing	ongoing	✓	C	NONE		✓	C	NONE		✓	FRN	I-c		✓	C	NONE		✓	C	NONE		✓	FRN	I-f	
185	M - 4.14.1	147	Fire Response Capabilities	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
186	M - 4.14.1	148	Hydrant Installation	ongoing																								
187																												
188	Archaeologist																											
189																												
190																												
191	M - 4.19.1	183	Archaeological Resurvey	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
192	M - 4.19.1	184	Onsite Archaeologist	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
193	M - 4.19.1	185	Archaeological Resources	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill City Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	City Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
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-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
200	M - 4.19.2	188	Paleontological Resources Excavation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
201	M - 4.19.2	189	Paleontological Resources Training	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
202	M - 4.19.2	190	Paleontological Resources Recovery	ongoing																								
203	M - 4.19.2	191	Paleontological Resources Inspection	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
1	Project Manager																											
2																												
3																												
4	Amendment 45.N - 1	45N	Daily Cover Materials	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
5	Amendment 45.N - 3	45N	Daily Cover Procedure	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
6	Amendment 45.N - 4.a	45N	Order for Abatement Status	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
7	Amendment 45.N - 4.c	45N	Odor Patrol Program	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
8	Amendment 45.N - 4.d	45N	Landfill Gas Mitigation Plan	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
9	Amendment 45.N - 5	45N	Dust and Odor Reports	ongoing	/		I-a		/		I-b		/		I-c		/		I-d		/		I-e		/		I-f	
10																												
11	Combined Site & Bridge Area -20.A	20.A	Joint Powers Authority	info	/				/				/				/				/				/			
12	Combined Site & Bridge Area -20.F	20.F	Mitigation Reporting and Monitoring Program Amendment	status	/				/				/				/				/				/			
13	Landfill Capacity - 27	27	Tipping Fees for Partial Loads/Peak Hours	status																								
14	Grading & Drainage-41.A -.D	41A-D	Water Conservation	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
15	Revegetation - 44.F	44.F	Revegetation	status	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
16	Fugitive Dust - 45.B	45.B	Working Face Areas	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
17	Fugitive Dust - 45.F	45.F	Inactive Areas Monitoring	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
18	Fugitive Dust - 45.I	45.I	Cleaning of Roads	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
19	Litter Control - 46.A - .D	46A-D	Litter Control Program	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
20	Gas - 52	52	Landfill Gas Collection System	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
21	Traffic - 57	57	Traffic Improvements	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
22	Traffic - 60	60	Street Light Installation	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
23	Traffic - 61	61	Traffic Minimization	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
24	Permittee Fees - 64 - 72	64-72	Permittee Fees	info	/				/				/				/				/				/			

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022																Second Quarter 2022															
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*								
25	Permittee Fees - 69	69	Permittee Fees-Contributions	info	/				/				/				/				/				/											
26	Permittee Fees - 70	70	Permittee Fees	info	/				/				/				/				/				/											
27	Permittee Fees - 72	72	Permittee Fees	info	/				/				/				/				/				/											
28	Alternative Fuel Vehicles - 77.A	77.A	Alternative Fuel Vehicles-Light Duty	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f									
29	Alternative Fuel Vehicles - 77.B	77.B	Alternative Fuel Vehicles-Refuse/Collection Trucks	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f									
30	Alternative Fuel Vehicles - 77.C	77.C	Alternative Fuel Vehicles-Report	status																																
31	Alternative Fuel Vehicles - 77.D	77.D	Alternative Fuel Vehicles-heavy-duty, alternative fuel off-road equipment pilot program	status																																
32	Alternative Fuel Vehicles - 77.E	77.E	Alternative Fuel Vehicles-Non-diesel Requirements	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f									
33	Alternative Fuel Vehicles - 77.F	77.F	Alternative Fuel Vehicles-Non-diesel Truck Trip Requirements	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f									
34	Alternative Fuel Vehicles - 77.G	77.G	Alternative Fuel Vehicles-Clean Fuel Demo Program	status																																
35	Alternative Fuel Vehicles - 77.H	77.H	Alternative Fuel Vehicles-Compliance Evaluation	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f									
36	Air Quality Monitoring - 81	81	Air Quality Monitoring-Testing	ongoing	/				/				/				/				/				/											
37			Air Quality Monitoring-Testing																																	
38	IMP - Part I.A	IMP1	Air Quality Monitoring-Testing	ongoing	/				/				/				/				/				/											
39			Air Quality Monitoring-Testing																																	
40	IMP - Part VI	IMP6	Air Quality Monitoring-Testing	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f									
41																																				
42	MMRS-12/01/06		Mitigation Monitoring and Reporting Summary	info	/				/				/				/				/				/											
43			Permits																																	
44	Geology - 1.15		Permittee's On-site Solid Waste Recovery and Recycling Program	status	/				/				/				/				/				/											
45	Surface Water - 2.09		SWRCB Permit Coverage	ongoing	/				/				/				/				/				/											
46	Surface Water - 2.15		Surface Water Preventive Maintenance Program	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f									

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
47	Groundwater - 3.13		Groundwater-LFG Migration Mitigation	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
48	Groundwater - 3.14		Groundwater-Monitoring Wells	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
49	BIOTA – 4.05		Annual Fee Submission for SEA Studies	status	/				/				/				/				/				/			
50	BIOTA – 4.06		Buffer Zone Maintenance as Nature Preserve	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
51	BIOTA – 4.07		Buffer Zone Maintenance-Vegetation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
52	BIOTA – 4.08		Ridgeline Maintenance-Remain Undisturbed	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
53	BIOTA – 4.47		Cleaning of Equipment	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
54	BIOTA – 4.48		Monitoring of Vector-Attracting Items	ongoing																								
55	BIOTA – 4.49		Salvaged Material Storage-Vector Control	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
56	BIOTA – 4.50		Vector Activity Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
57	Air Quality - 6.03		Dust Emission Minimization	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
58	Air Quality - 6.04		Usage of Cut Material for Cover	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
59	Air Quality - 6.05		Operations in Accordance with SCAQMD/DOPW Requirements	info	/				/				/				/				/				/			
60	Air Quality - 6.06		Landfill Gas Control/Extraction System/Monitoring	ongoing	/				/				/				/				/				/			
61	Air Quality - 6.07		Flaring Systems	info	/				/				/				/				/				/			
62	Air Quality - 6.08		Management of Truck Arrivals	ongoing																								
63	Air Quality - 6.10		Refuse Truck Mitigation	status																								
64	Air Quality - 6.11		Light Duty Alternative Fuel Vehicles	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
65	Air Quality - 6.11		Alternative Fuel Refuse Collection/Transfer Trucks	status																								
66	Air Quality - 6.11		Alternative Fuel Vehicle Report Submission	status																								
67	Air Quality - 6.11		Heavy-duty, Alternative Fuel Off-Road Equipment Pilot Program	status																								
68	Air Quality - 6.11		Non-Diesel, Alternative Fuel Vehicles-Transfer/Collection Trucks	status																								

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
69	Air Quality - 6.11		Non-Diesel, Alternative Fuel Vehicles Truck Trips	status																								
70	Air Quality - 6.11		Clean Fuel Demonstration Program	status																								
71	Air Quality - 6.11		Compliance Evaluation	status																								
72	Odor/Landfill Gas – 7.01		Landfill Gas Escape Prevention	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
73	Odor/Landfill Gas – 7.02		Landfill Gas Collection System	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
74	Odor/Landfill Gas – 7.04		Gas Collection/Flare System Risk Mitigation	ongoing																								
75	Odor/Landfill Gas – 7.05		Wellhead Awareness	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
76	Odor/Landfill Gas – 7.06		Odor Control Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
77	Odor/Landfill Gas – 7.07		Gas Recovery and Sale	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
78	Traffic/Circulation – 8.03		Street Light Installation	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
79	Traffic/Circulation – 8.04		Truck Traffic Minimization	status																								
80	Traffic/Circulation – 8.08		Tipping Fees for Partial Loads/Peak Hours	status																								
81	Traffic/Circulation – 8.10		Nighttime Landfill Operations Feasibility	status	/				/				/				/				/				/			
82	Traffic/Circulation – 8.11		Parking Management along San Fernando Road	status	/				/				/				/				/				/			
83	Traffic/Circulation – 8.13		Adequate Queuing	status																								
84	Visual – 10.03		Landfill Flare Locations	status	/				/				/				/				/				/			
85	Visual – 10.04		Confinement of Excavation Cover Material	status																								
86	Visual – 10.05		Lighting Requirements	status																								
87	Visual – 10.11		Litter Control Program	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
88	Visual – 10.11		Solid Waste Load Procedures-Improperly Covered/Contained	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
89	Visual – 10.11		Debris Removal at Entrance	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
90	Visual – 10.11		Litter Control-Fencing	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
91	Visual – 10.11		Periodic Litter Pickup	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022														Second Quarter 2022													
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*	7/27/2022	Status*	Further Review Needed/Comments**	Resolved*
92	Visual - 10.11		Litter Control-Additional Measures	ongoing													✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f					
93	Visual - 10.12		Discharge Control/Litter Recovery	status																												
94	Water Conserv. - 11.01		Water Conservation	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f					
95	Recycling - 14.01		On-site Waste Diversion/Recycling	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE					
96	Recycling - 14.03		Tonnage Disposal Determination	info	/				/				/				/				/				/							
97	Recycling - 14.04		Recycling-Various Tasks	info	/				/				/				/				/				/							
98			Clean Dirt Procedures																													
99	Site - 15.11		Reclaimed Water Utilization	status	/				/				/				/				/				/							
100	Site - 15.12		Water Conservation Measures	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f					
101	Admin Rpts/Pgms - 17.4		Operation Compliance	info	/				/				/				/				/				/							
102	Admin Rpts/Pgms -17.10		Fill Sequencing Plans	status																												
103	Admin Rpts/Pgms-17.15		Quarterly Newsletter	status	✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE		✓	FRN	NONE					
104	Landfill Operation - 18.7		Graffiti Removal/Deterrent Plan	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE					
122																																
123	Civil & Geotechnical Engineer																															
124																																
125																																
126	Revegetation - 44.C	44.C	Cut Slope Requirements	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f					
127																																
128	Geology - 1.01		Survey Monument Locations	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f					
129	Geology - 1.02		Seismic Design	ongoing																												
130	Geology - 1.03		Maximum Refuse Slope Gradients	ongoing													✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f					
131	Geology - 1.04		Maximum Refuse Slope Gradients	ongoing													✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f					
132	Geology - 1.05		Unsuitable Material Procedures	ongoing																												

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary
(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
133	Geology - 1.06		Grading Activities Procedures	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
134	Geology - 1.07		Grading Activities Procedures	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
135	Geology - 1.09		Outer Perimeter Ridgeline Requirements	info	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
136	Geology - 1.12		Soil Stabilization	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
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																								
139	Geology - 1.19		Landfill Design/Construction	ongoing																								
140	Geology - 1.20		Landfill Design/Construction-Foundations	ongoing																								
141	Surface Water - 2.03		Surface Drainage Control Facilities	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
142	Surface Water - 2.05		Underdrain Requirements	ongoing																								
143	Surface Water - 2.06		Final Cover for Surface Water Runoff Control	ongoing																								
144	Groundwater - 3.02		Liner System Requirements	ongoing																								
145	Groundwater - 3.04		Onsite Inspector for Liner Installation	ongoing																								
146	Groundwater - 3.09		Alluvium Removal	ongoing																								
147	Visual – 10.01		Landfill Elevations	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
148	Visual – 10.02		Final Fill Elevations	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
149																												
150	Hydrologist																											
151																												
152																												
153	Grading & Drainage - 38	38	Installation of Drainage Structures	ongoing																								
154																												
155	Geology - 1.17		Landfill Design/Construction-Seismic	ongoing																								
156	Surface Water - 2.01		Surface Water Runoff Interception	ongoing																								

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	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	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
159	Surface Water - 2.04		Sedimentation Basin Capabilities	ongoing																								
160	Surface Water - 2.05		Underdrain Placement	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
161	Surface Water - 2.07		Drainage Control System Design Approval	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
162	Surface Water - 2.08		Surface Water Runoff-Drainage System	ongoing																								
163	Surface Water - 2.10		Surface Water Collection System-Monitoring	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
164	Surface Water - 2.11		Surface Water Quality-Collection/Monitoring	ongoing																								
165	Surface Water - 2.12		Permanent/Temporary Drainage Facilities	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
166	Surface Water - 2.13		Permanent/Temporary Drainage Facilities	ongoing																								
167	Surface Water - 2.14		Erosion Control Plan	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
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	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
176	Revegetation - 44.B	44.B	Interim Reclamation/Revegetation Plan-Sold Waste	ongoing																								
177	Revegetation - 44.D	44.D	Final Fill Slope Requirements	ongoing																								
178	Revegetation - 44.E	44.E		ongoing																								
179																												
180	Geology - 1.13		Drainage Plan Approval	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
181	Geology - 1.14		Personnel Retention for Monitoring Soil Erosion	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
182	Groundwater - 3.11		Irrigation/Revegetation Management- Personnel Retention	ongoing																								
183	BIOTA – 4.10		Oak Tree Permit	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
184	BIOTA – 4.11		Oak Tree Mitigation Plan	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
185	BIOTA – 4.13		Oak Tree Mitigation Counting	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
186	BIOTA – 4.20		Poultry Wire Screen	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
187	BIOTA – 4.24		Drip Irrigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
188	BIOTA – 4.27		Coastal Sage Scrub Mitigation Plan	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
189	BIOTA – 4.28		Coastal Sage Scrub Seeding	ongoing																								
190	BIOTA – 4.29		San Diego Horned Lizard Mitigation	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
191	BIOTA – 4.30		California Gnatcatcher Surveys	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
192	BIOTA – 4.31		Least Bell's Vireo Surveys	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
193	BIOTA – 4.32		Western Burrowing Owl Surveys	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
194	BIOTA – 4.33		Migratory Bird Treaty Act	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
195	BIOTA – 4.34		Raptor Nests Habitat	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
196	BIOTA – 4.36		Personnel Retention for Monitoring Revegetation Plan	ongoing																								
197	BIOTA – 4.37		Personnel Retention for Monitoring Revegetation Plan, Onsite Plants	status																								
198	BIOTA – 4.38		Green Waste Material	ongoing																								
199	BIOTA – 4.39		Revegetation of Slopes/Fill Areas	ongoing																								
200	BIOTA – 4.41		Revegetation Plan-Replacement Cover	ongoing																								
201	BIOTA – 4.42		Interim Vegetation	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
202	BIOTA – 4.43		Replacement Riparian Habitat	status	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
203	Air Quality - 6.02		Dust Control	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
204	Visual – 10.06		Upper Ridge Planting/Revegetation	ongoing																								

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
205	Visual – 10.07		Tree Planting Around Perimeter	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
206	Visual – 10.08		Cover/Revegetation Requirements	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
207	Visual – 10.08		Solid Waste Disposal Procedures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
208	Visual – 10.08		Final Cut Slope Steepness	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
209	Visual – 10.08		Final Fill Slopes-Reclamation/Revegetation	status																								
210	Visual – 10.08		Revegetation Requirements	status	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
211	Visual – 10.09		Final Cover Composition Requirements	ongoing																								
212	Visual – 10.10		Buffer Zone Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
213	Water Conservation - 11.02		Plant Species	ongoing																								
214	Fire Service - 12.01		Brush Clearance Measures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
215																												
216	Air Quality & Noise Specialist																											
217																												
218																												
219	Fugitive Dust - 45.F	45.F	Fugitive Dust Monitoring	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
220	Fugitive Dust - 45.I	45.I	Paved Roads-Cleaning	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
221	Fugitive Dust - 45.N	45.N	Report Submission-Dust/Odor	every quarter																								
222	Air Quality Monitoring - 81	81	Air Quality Monitoring-Tests	ongoing																								
223																												
224																												
225	Air Quality – 6.01		Fugitive Dust Aversion	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
226	Air Quality – 6.01		Working Face Requirements	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
227	Air Quality – 6.01		Erosion Control-Daily Cover	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	Status*	Further Review Needed/Comments**	Resolved*
228	Air Quality – 6.01		Soil Stockpile Requirements	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
229	Air Quality – 6.01		Active Area Fill	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
230	Air Quality – 6.01		Soil Sealant	ongoing																								
231	Air Quality – 6.01		Dust Emissions-Road Maintenance	ongoing	✓	C	I-a		✓	C	I-b		✓	C	I-c		✓	C	I-d		✓	C	I-e		✓	C	I-f	
232	Air Quality – 6.01		Access Roads-Paving	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
233	Air Quality – 6.01		Dust Generation-Dumping	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
234	Air Quality – 6.01		Water Tanks/Piping Maintenance	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
235	Air Quality – 6.01		Wind Speed Monitoring	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
236	Air Quality – 6.01		Report Submission-Dust/Odor	every quarter	/				/				/				/				/				/			
237	Odor/Landfill Gas – 7.03		Odor/Landfill Gas Monitoring Program	ongoing	/				/				/				/				/				/			
238	Odor/Landfill Gas – 7.03		Landfill Surface Sampling	ongoing	/				/				/				/				/				/			
239	Odor/Landfill Gas – 7.03		Landfill Perimeter Air Samples	ongoing	/				/				/				/				/				/			
240	Odor/Landfill Gas – 7.03		Landfill Surface Monitoring	ongoing	/				/				/				/				/				/			
241	Odor/Landfill Gas – 7.03		LFG Collection System Monitoring	ongoing	/				/				/				/				/				/			
242	Noise – 9.01		Landfill Access/Operation	info	/				/				/				/				/				/			
243	Noise – 9.03		Landfill Equipment-Mufflers/Silencers	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
244	Admin Rpts/ Pgms-17.16		Air Quality Monitoring-Corrective Action Plan	ongoing	/				/				/				/				/				/			
246																												
247	Hydrology, Hazardous Waste / Risk of Upset																											
248																												
249																												
250	IMP - Part IV.E	IMP4	Load Inspection-Random Manual	ongoing																								
251																												
252	Groundwater - 3.05		Leachate Collection and Removal System	ongoing																								

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary

(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022																Second Quarter 2022															
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	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		/	NA	NONE		/	NA	NONE	
254	Fire Service - 12.02		On-site Fire Response Capabilities-Operating Equipment	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
255	Fire Service - 12.03		On-site Fire Response Capabilities-Roads/Water	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h	
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		✓	FRN	NONE		✓	FRN	NONE	
257	Fire Service - 12.05		Building Limits	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
258	Fire Service - 12.06		Methane Gas Monitoring-On-site Structures	ongoing	✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE		✓	C	NONE	
259	Hazardous Materials – 13.02		Waste Load Checking Program	ongoing																																
260	Hazardous Materials – 13.05		Hazardous Waste Disposal	ongoing																																
261	Hazardous Materials – 13.10		Hazardous Waste-Procedures	ongoing																																
262	Hazardous Materials – 13.11		Spill Response Program	ongoing																																
263	Safety - 16.02		Injury and Illness Prevention Program	status																																
264	Safety - 16.03		Working Conditions-Monitoring	status																																
265	Safety - 16.04		Inspection Checklist-Work Area Exposure	status																																
266	Safety - 16.07		Accident/Injury Reports	status																																
267	Safety - 16.08		First-aid Kits	ongoing																																
268	Safety - 16.10		Lockout/Blackout Procedures	status																																
269	Safety - 16.11		Personal Protective Equipment	status																																
270	Landfill Operation - 18.8		Prohibited Waste Procedures	ongoing																																
271																																				
272	Archaeologist																																			
273																																				
274																																				
275	Ecological Significance - 62	62	Archaeological/Paleontological Identification/Conservation Program	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f		✓	FRN	I-g		✓	FRN	I-h	
276	IMP - Part VII.B	IMP7	Archaeological/Paleontological Report Submission	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	

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

** See Appendix I for Comments

Checkmark = Condition or mitigation was monitored

/ = Yearly or non-ongoing monitoring frequency

Sunshine Canyon Landfill County Mitigation Monitoring Summary
(04-01-2022 through 06-30-2022)

Line #	Reference #	Mitigation #	County Mitigation Measures and Conditions Monitored by Discipline	Monitoring Frequency	First Quarter 2022												Second Quarter 2022											
					1/11/2022	Status*	Further Review Needed/Comments**	Resolved*	2/16/2022	Status*	Further Review Needed/Comments**	Resolved*	3/7/2022	Status*	Further Review Needed/Comments**	Resolved*	4/25/2022	Status*	Further Review Needed/Comments**	Resolved*	5/23/2022	Status*	Further Review Needed/Comments**	Resolved*	6/27/2022	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-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
279	Archaeological – 5.03		Onsite Paleontologist	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
280	Archaeological – 5.04		Archaeological/Paleontological Identification Instruction	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
281	Archaeological – 5.05		Archaeological Resource Curation	ongoing	/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE		/	NA	NONE	
282																												
283	Paleontologist																											
284																												
285																												
286	Ecological Significance - 62	62	Archaeological/Paleontological -Material Identification/Conservation	ongoing	✓	FRN	I-a		✓	FRN	I-b		✓	FRN	I-c		✓	FRN	I-d		✓	FRN	I-e		✓	FRN	I-f	
287	IMP - Part VII.B	IMP7	Archaeological/Paleontological-Report Submission	ongoing																								

* 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

Appendix I

Further Review Needed Comments: Reference I-d through I-f Second Quarter 2022 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-d through I-f: There was no grading outside of the approved landfill development limits during the 2nd Quarter. The grading that occurred was for construction of the final main access road and drainage channel around the road. The road realignment was not within the Sunshine Canyon waste fill limits but is in the CUP-approved areas for ancillary uses. The road realignment also included a new sedimentation basin and the removal of a portion of the existing terminal basin and the westside inlet channels to the basin. This was in preparation for the construction of a final toe berm. In the 2nd Quarter, the new access road had soil placed to near final elevations from the entrance on San Fernando Road to the oil field road above the basin. There was no soil compaction equipment except for soil haul trucks. The new road construction and final toe berm will need a substantial amount more soil importation. The completion of these improvements is scheduled for 2023. Cell CC-4 Part 3A, 3B, and CC-4 Part 4A were the only areas accepting waste during the 2nd Quarter. ADC was being used at the active disposal areas. The availability of soil for ADC cover was an operations problem with adequate soil sometimes not being delivered when needed for Saturday cover. Lack on ADC cover was observed on Monday, April 25, 2022.
		Geology - 1.07	County DPW EPD/SCL-LEA	I-d through I-f: See Q – B.2.c above.
		Geology - 1.12	County DPW EPD/SCL-LEA	I-d through I-f: See Q – B.2.c above.
	Q - C.3.h		City Planning	I-d through I-f: In the 2nd 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. The dust was not observed leaving the site.
	Q - C.10.c		City Planning	I-d: The gas-to-energy plant was using 9288 SCFM of recovered landfill gas. Flare 1: 1978 SCFM; Flare 3: not operating; Flare 9: not operating; Flare 10: 2735 SCFM; Flare 11: 2678 SCFM. The total volume of landfill gas being recovered was 16,679 SCFM. I-e: The gas-to-energy plant was using 9343 SCFM of recovered landfill gas. Flare 1: 2194 SCFM; Flare 3: not operating; Flare 9: not operating; Flare 10: 3747 SCFM; Flare 11: 3683 SCFM. The total volume of landfill gas being recovered was 18,967 SCFM. I-f: The gas-to-energy plant was using 3758 SCFM of recovered landfill gas. Flare 1: 1736 SCFM; Flare 3: not operating; Flare 9: 4185 SCFM; Flare 10: not operating; Flare 11: 4972 SCFM. The total volume of landfill gas being recovered was 14,651 SCFM. I-d through I-f: The monthly average quantity of landfill gas being recovered in the 2nd Quarter was 16,766 SCFM, with the gas-to-energy plant monthly average usage 7463 SCFM. Republic has stated that they are pursuing options for using the excess recovered gas that is now being flared.
		Odor/Landfill Gas - 7.07	County Planning/SCAQMD SCL-LEA	I-d through I-f: See Q - C.10.c above.
		Gas - 52	County DPW EPD/SCL-LEA County Forester Fire Warden	I-d through I-f: See Q - C.10.c above.
	T-4		City Planning, City Fire Department	I-d through I-f: An updated fire plan showing the new locations of all facilities and normal and emergency ingress and egress should be prepared and sent to the local City fire department station and City and County planning now that the office facilities have been moved to the new location and the realignment of the main access road and toe berm are under construction. Emergency egress should be posted for employees and customers.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Project Manager		Fire Service - 12.03	County DPW EPD/SCL-LEA County Forester Fire Warden	I-d through I-f: See T-4 above.
	M - 4.1.1 / 4	M - Earth Resources	City Department of Building and Safety	I-d through I-f: The rainwater control system for the new access road and sedimentation basin has uncontrolled rainwater impact on the Gas Company's facility and San Fernando Road. Republic's final design and construction plans should include drainage systems to correct this problem.
	M - 4.1.1 / 7		City Planning, DOGGR	I-d through I-f: The old abandoned oil well casing adjacent to the new 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.
		Re-abandonment Procedures	County Planning, County DPW EPD/SCL-LEA, DOGGR	I-d through I-f: See M - 4.1.1 / 7 above.
	M - 4.1.4 / 11	Post-5.0 Earthquake Analysis	City Planning	I-d through I-f: There were no earthquakes of 5.0 or greater during this monitoring period.
	M - 4.2.12 / 26 and 28		City Planning/SCAQMD	I-d through I-f: During the 2nd 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.
		Fugitive Dust - 45.F	County DPH/County LEA County DPW-EPD County Biologist	I-d through I-f: See M - 4.2.12 / 28 above.
	M -4.2.13/ 29, 30, 32, 33, and 34		City Planning/SCL-LEA/SCAQMD	I-d through I-f: 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-d through I-f: See M -4.2.13/ 29, 30, 32, 34 above.
		Amendment 45.N-5	County DPW-EPD	I-d through I-f: See M -4.2.13/ 29, 30, 32, 34 above.
	M - 4.2.13 / 33		City Planning/SCAQMD	I-d through I-f: On our random days of site visits during the 2nd Quarter, there were no landfill odors detected in the adjacent neighborhoods.
	M - 4.2.13 / 34		City Planning/SCAQMD	I-d through I-f: See M-4.2.13/29, 30, and 32 above.
		Odor/Landfill Gas - 7.06	County DPW-EPD/SCL-LEA/SCAQMD	I-d through I-f: See M-4.2.13/33 above.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference #/ Mitigation #	Responsible Agency	Further Review Needed – Comments
Project Manager		Amendment 45.N - 4.a, 4.c, 4.d	County DPW-EPD	I-d through I-f: See M-4.2.13/29, 30, 32, and 34 above.
		Amendment 45.N - 5	County DPW-EPD	I-d through I-f: See M-4.2.13/29, 30, 32, and 34 above.
		Surface Water - 2.15	County DPW EPD/ LARWQCB, SCL- LEA	<p>I-d through I-f: A preventative maintenance program with inspection of facility equipment, systems and storm water management devices to detect conditions that may cause breakdowns or failures resulting in discharge of materials into stormwater should be performed on a monthly basis, with a summary report issued on a quarterly basis. These reports have been reviewed prior to COVID-19 restrictions and were available at the landfill's main office.</p> <p>In the 2nd 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. There were two areas of the eastside channel that were blocked with mud and rock, debris and brush. One was fully blocked and the other one with minimal flow capacity.</p>
	M - 4.4.2/ 69		City Planning	I-d through I-f: The status on providing offsite wetland and riparian mitigation has not changed in the 2nd 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 Chatsworth Dam mitigation site needs to be evaluated as still being a potential mitigation site.
		Biota - 4.4.3	CDFW	I-d through I-f: See M - 4.4.2 / 69 above.
	M - 4.9.3 / 110		City Planning/City LEA	I-d through I-f: In the 2nd Quarter, there was no litter or illegal dumping observed in the adjacent neighborhood or on Sierra Highway.

Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Civil and Geotechnical Engineer	M - 4.1.1 / 2		City Building and Safety City Planning	I-d through I-f: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 4		City Planning/LARWQCB Cal Recycle	I-d through I-f: See M - 4.1.1 / 5 below.
	M - 4.1.1 / 5		City Planning/ LARWQCB Cal Recycle	I-d through I-f: There was no grading outside of the approved landfill development limits during the 2nd Quarter. Grading for the road realignment was done in the small valley south of the current main access road. The use was approved in the original CUP for ancillary uses. 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. Compliance with County Geology - 1.07 was not able to be verified by the monitor.
		Geology - 1.07	County DPW EPD/ County LEA	I-d through I-f: See M - 4.1.1 / 5 above.
	M - 4.1.5 / 12		City Planning/LARWQCB Cal Recycle	I-d through I-f: See M - 4.1.1 / 5 above.
	M - 4.1.6 / 18			I-d through I-f: The landfill perimeter boundary survey PVC marker pipes have been removed in areas where Edison pole grading took place, near the Flare 11 site pad grading and near the CC-4 Part 3 buttress. All PVC boundary markers need to be verified and replaced if missing.
	M - 4.14.1 / 155		City Planning/Cal Recycle PW-BOE LADBS City LEA	I-d through I-f: Access roads were being maintained around the working area for emergency access. The final perimeter access road construction on the westside was completed.
	M - 4.18 / 178		City Planning/City LEA	I-d through I-f: A map showing areas that are at the final elevations and which should have final cover should be available for review. Documents showing current filled elevations should also be available onsite for review.
		Visual - 10.01 Visual - 10.02	County DPW EPD/ LARWQCB SCL-LEA	I-d through I-f: See M - 4.18 / 178 above.

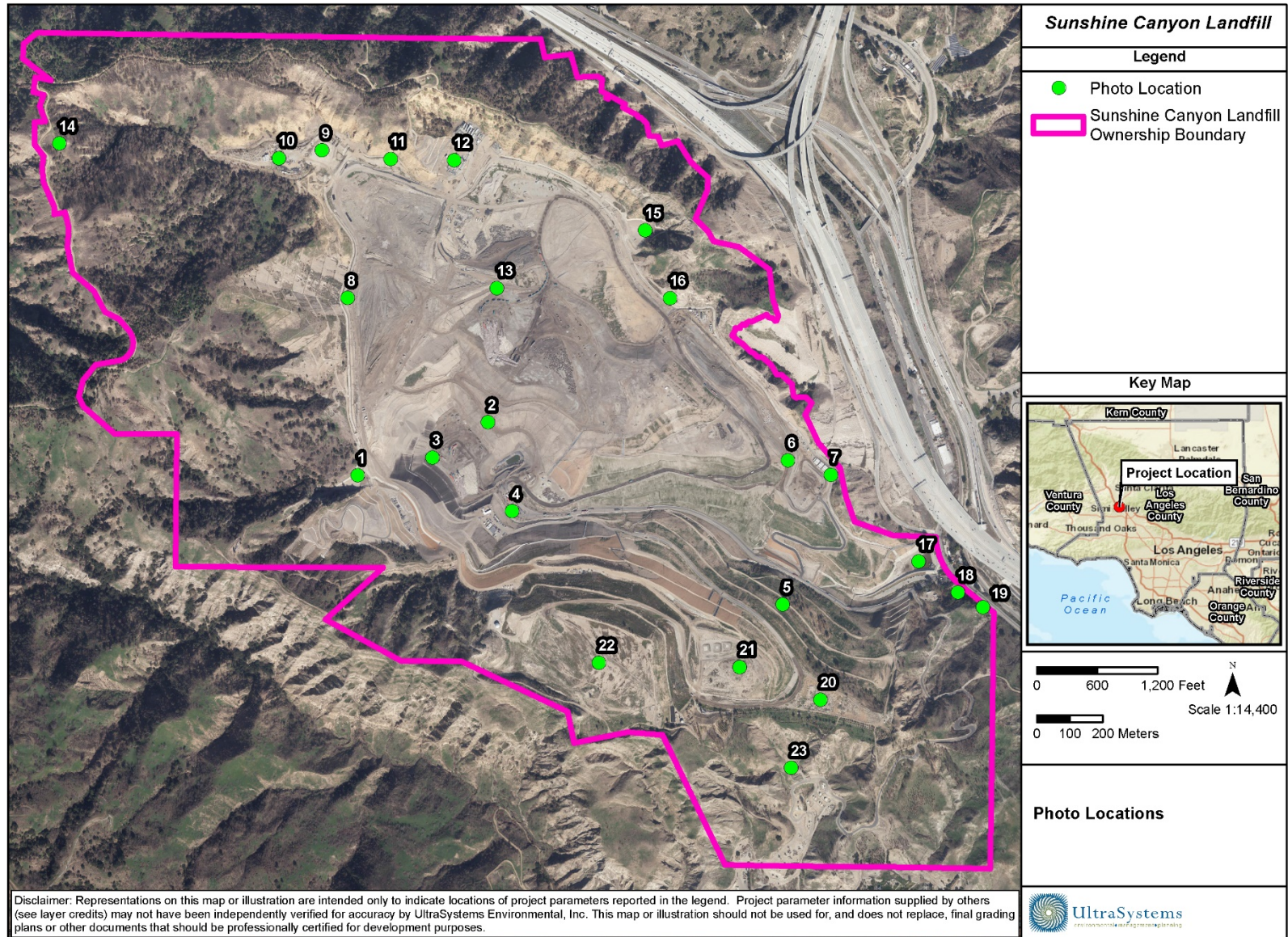
Discipline	City Condition Reference # / Mitigation #	County Condition Reference # / Mitigation #	Responsible Agency	Further Review Needed – Comments
Civil and Geotechnical Engineer	M - 4.3.1 / 37, 38		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE	I-d through I-f: Surface drainage systems were in place 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 had started. 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, and drainage improvements in the ravine south of the current entrance and modifications to the terminal basin's size and inlet sources. The design plans and design details and calculations were submitted to the City for permit approval. The engineering reports were not available for review by the monitor nor submitted to the LADPW 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-d through I-f: See M - 4.3.1 / 37, 38 above.
	M - 4.3.1 / 39		City Planning/LARWQCB Cal Recycle	I-d through I-f: See M - 4.3.1 / 37, 38 above.
	M - 4.3.1 / 40		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-d through I-f: See M - 4.3.1 / 37, 38 above.
	M - 4.3.1 / 43		City Planning/ LARWQCB CalRecycle SCL-LEA PW-BOE LADBS	I-d through I-f: All of the basins were cleared of sediment before the winter rain events in the 1st Quarter. The channels were free of sediment on all but the eastside drainage system. Those channels had vegetation growing in the concrete, brush, and spots with an accumulation of sediment and windblown litter blocking water flow. In the 2nd Quarter, the terminal basin and Basin A had a significant amount of water and sediment, with debris floating and stuck on the surface. The westside drainage channel had sediment and debris in it. The eastside channel had vegetation growing in the concrete cracks and sediment and debris blocking the channel's water flow.
		Surface Water - 2.10	LARWQCB / County DPW EPD	I-d through I-f: See M - 4.3.1 / 37, 38 and 43 above.
		Surface Water - 2.14	LARWQCB / County DPW EPD	I-d through I-f: See M - 4.3.1 / 37, 38 and 43 above. The current erosion control plans should be available for agency and monitor review.
	M - 4.3.1 / 46		City Planning/ LARWQCB CalRecycle PW-BOE	I-d through I-f: 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-d through I-f: The old City North top deck has a tank farm of 16 Alder 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 2nd 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-d through I-f: See M - 4.2.12 / 28 above.
		Geology - 1.14	LARWQCB/ County Forester	I-d through I-f: See M - 4.2.12 / 28 above.
	M - 4.2.11 / 23		City Planning	I-d through I-f: See M - 4.2.12 / 28 above.
		Geology - 1.13	County DPW EPD/ County Forester LARWQCB	I-d through I-f: See M - 4.2.12 / 28 above.
	M - 4.2.12		SCL-LEA/ City Planning	I-d through I-f: See M - 4.2.12 / 28 above.
		Revegetation - 44.A	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-d through I-f: See M - 4.2.12 / 28 above.
		Revegetation - 44.F	SCL-LEA/ County DPW EPD Regional Planning County Biologist	I-d through I-f: See M - 4.2.12 / 28 above.
		Biota - 4.42	SCL-LEA	I-d through I-f: See M - 4.2.12 / 28 above.
		Air Quality - 6.02	SCAQMD/ SCL-LEA	I-d through I-f: See M - 4.2.12 / 28 above.
		Visual - 10.08	County Forester	I-d through I-f: 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-f through I-f: During the 2nd Quarter, City sage mitigation areas 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 planted native plants. The condition of the PM-10 oak trees was still being evaluated by Republic's consulting biologists. The yearly mitigation tree status report was being prepared. There was a substantial amount of dead PM-10 trees observed by the monitor. A schedule for replacement is waiting for the biologist's report to be issued. There was no activity on the County sage mitigation areas. 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 2nd Quarter.
		Biota - 4.27	County LEA/CDFW	I-d through I-f: See M - 4.4.1 / 60 above.
		Biota - 4.10	County LEA/CDFW	I-d through I-f: An updated mitigation tree report evaluating the impacts of the Saddleridge Fire and other impacts was being prepared. The number and type of trees that will need to be replaced will be addressed in the report.
	M - 4.4.3 / 72		City Planning	I-d through I-f: See Biota - 4.10 above.
	M - 4.9.4 / 121		City Planning/Cal Recycle Cal OSHA LAFD City LEA	I-d through I-f: See T-4 above.
	M-4.9.4/ 125		City Planning/ CalRecycle Cal OSHA SCL-LEA	I-d through I-f: During the 2nd Quarter of 2022, the north perimeter gate was observed to be locked.
Paleontologist	M-4.19.2/ 191		City Planning	I-d through I-f: During the 2nd Quarter, the only grading in native undisturbed areas that required archeological and paleontological monitoring was in the southeast ravine where brush and tree clearance and rough grading was done for the development of the new main access road realignment.
		Ecological Significance 62	County Planning	I-d through I-f: See M-4.19.2/ 191 above.

Appendix II

Relevant Site Photos



Path: \\GIS\SVR\GIS\Projects\5800_Sunshine_Canyon\MXD\PhotoLocations\5800_Sunshine_Canyon_PhotoLocations_2020_10_12.mxd
 Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community; CAL FIRE, 2007; Republic, March 2020; LA County Assessor, 2020

October 12, 2020

Photo Location Map Key

Map Location	Title	Photo Number
1	Basin A	1 – 22
2	Working Area, CC4 Part 1/2	–
3	Working Area, CC-4 Part 3	–
4	Working Area, CC-4 Part 4A	–
5	Closure Turf	23 – 30
6	Office and Scales Location	31 – 47
7	Alder Tank Liquids Treatment System	48 – 56
8	County Sage Mitigation Area and Westside Drainage Channels	57 – 67
9	Basin D	68 – 71
10	Basin D Material Storage Area	72 – 79
11	Basin D Outlet Channel	–
12	Flares 9, 10, 11 and Gas-to-Energy Facility	80 – 110
13	County Top Deck	111 – 163
14	North Access Road	164 – 165
15	Basin B	166 – 180
16	Eastside Drainage Channel	181 – 199
17	Terminal Basin	200 – 256
18	Greywater Sewer Connection	–
19	Retaining Wall at San Fernando Road	–
20	Sage Mitigation, Deck C	257 – 271
21	Sage Mitigation, Deck B	272 – 298
22	Sage Mitigation, Deck A	–
23	Southern Ownership Buffer	–
–	General Site	299 – 546
–	Road Realignment	547 – 599
–	PM-10 Oak Trees	600 – 625



Photo 1: Basin A: April 25, 2022



Photo 2: Basin A: April 25, 2022



Photo 3: Basin A: April 25, 2022



Photo 4: Basin A: April 25, 2022



Photo 5: Basin A: April 25, 2022



Photo 6: Basin A: April 25, 2022



Photo 7: Basin A: April 25, 2022



Photo 8: Basin A: April 25, 2022



Photo 9: Basin A: April 25, 2022



Photo 10: Basin A: April 25, 2022



Photo 11: Basin A: April 25, 2022



Photo 12: Basin A: April 25, 2022



Photo 13: Basin A: April 25, 2022



Photo 14: Basin A: April 25, 2022



Photo 15: Basin A: May 23, 2022



Photo 16: Basin A: May 23, 2022



Photo 17: Basin A: May 23, 2022



Photo 18: Basin A: May 23, 2022



Photo 19: Basin A: June 27, 2022



Photo 20: Basin A: June 27, 2022



Photo 21: Basin A: June 27, 2022



Photo 22: Basin A: June 27, 2022



Photo 23: Closure Turf: April 25, 2022



Photo 24: Closure Turf: April 25, 2022



Photo 25: Closure Turf: May 23, 2022



Photo 26: Closure Turf: May 23, 2022



Photo 27: Closure Turf: May 23, 2022



Photo 28: Closure Turf: June 27, 2022



Photo 29: Closure Turf: June 27, 2022



Photo 30: Closure Turf: June 27, 2022



Photo 31: Office and Scales Location: April 25, 2022



Photo 32: Office and Scales Location: April 25, 2022



Photo 33: Office and Scales Location: April 25, 2022



Photo 34: Office and Scales Location: April 25, 2022



Photo 35: Office and Scales Location: April 25, 2022



Photo 36: Office and Scales Location: April 25, 2022



Photo 37: Office and Scales Location: April 25, 2022



Photo 38: Office and Scales Location: April 25, 2022



Photo 39: Office and Scales Location: April 25, 2022



Photo 40: Office and Scales Location: April 25, 2022



Photo 41: Office and Scales Location: May 23, 2022



Photo 42: Office and Scales Location: May 23, 2022



Photo 43: Office and Scales Location: May 23, 2022



Photo 44: Office and Scales Location: May 23, 2022



Photo 45: Office and Scales Location: May 23, 2022



Photo 46: Office and Scales Location: June 27, 2022



Photo 47: Office and Scales Location: June 27, 2022



**Photo 48: Alder Tank Liquids Treatment System
April 25, 2022**



Photo 49: Alder Tank Liquids Treatment System
April 25, 2022



Photo 50: Alder Tank Liquids Treatment System
April 25, 2022



Photo 51: Alder Tank Liquids Treatment System
April 25, 2022



Photo 52: Alder Tank Liquids Treatment System
April 25, 2022



Photo 53: Alder Tank Liquids Treatment System
April 25, 2022



Photo 54: Alder Tank Liquids Treatment System
April 25, 2022



Photo 55: Alder Tank Liquids Treatment System
April 25, 2022



Photo 56: Alder Tank Liquids Treatment System
April 25, 2022



Photo 57: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 58: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 59: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 60: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 61: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 62: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 63: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 64: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 65: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 66: County Sage Mitigation Area and Westside Drainage Channels: April 25, 2022



Photo 67: County Sage Mitigation Area and Westside Drainage Channels: May 23, 2022



Photo 68: Basin D: April 25, 2022



Photo 69: Basin D: April 25, 2022



Photo 70: Basin D: April 25, 2022



Photo 71: Basin D: April 25, 2022



Photo 72: Basin D Material Storage Area: April 25, 2022



Photo 73: Basin D Material Storage Area: April 25, 2022



Photo 74: Basin D Material Storage Area: April 25, 2022



Photo 75: Basin D Material Storage Area: April 25, 2022



Photo 76: Basin D Material Storage Area: June 27, 2022



Photo 77: Basin D Material Storage Area: June 27, 2022



Photo 78: Basin D Material Storage Area: June 27, 2022



Photo 79: Basin D Material Storage Area: June 27, 2022



**Photo 80: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 81: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 82: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 83: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 84: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 85: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 86: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 87: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 88: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 89: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 90: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 91: Flares 9, 10, 11 and Gas-to-Energy Facility:
April 25, 2022**



**Photo 92: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 93: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 94: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 95: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 96: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 97: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 98: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 99: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 100: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 101: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 102: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 103: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



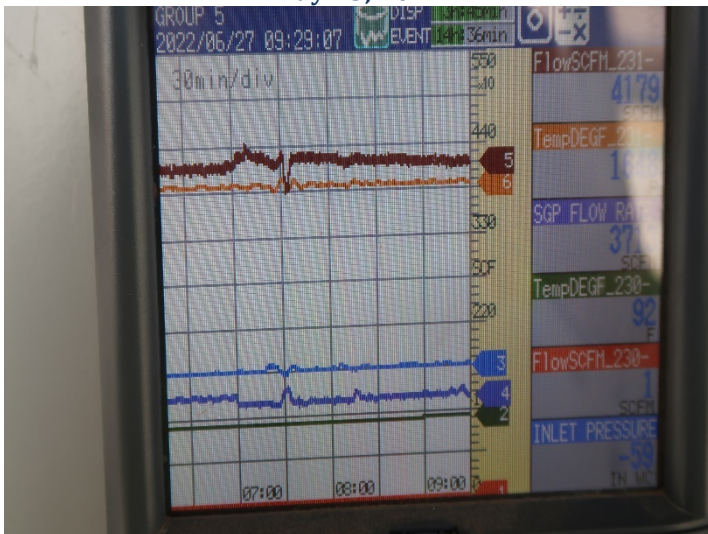
**Photo 104: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 105: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 106: Flares 9, 10, 11 and Gas-to-Energy Facility:
May 23, 2022**



**Photo 107: Flares 9, 10, 11 and Gas-to-Energy Facility:
June 27, 2022**



**Photo 108: Flares 9, 10, 11 and Gas-to-Energy Facility:
June 27, 2022**



**Photo 109: Flares 9, 10, 11 and Gas-to-Energy Facility:
June 27, 2022**



**Photo 110: Flares 9, 10, 11 and Gas-to-Energy Facility:
June 27, 2022**



Photo 111: County Top Deck: April 25, 2022



Photo 112: County Top Deck: April 25, 2022



Photo 113: County Top Deck: April 25, 2022



Photo 114: County Top Deck: April 25, 2022



Photo 115: County Top Deck: April 25, 2022



Photo 116: County Top Deck: April 25, 2022



Photo 117: County Top Deck: April 25, 2022



Photo 118: County Top Deck: April 25, 2022



Photo 119: County Top Deck: April 25, 2022



Photo 120: County Top Deck: April 25, 2022



Photo 121: County Top Deck: April 25, 2022



Photo 122: County Top Deck: April 25, 2022



Photo 123: County Top Deck: April 25, 2022



Photo 124: County Top Deck: April 25, 2022



Photo 125: County Top Deck: April 25, 2022



Photo 126: County Top Deck: April 25, 2022



Photo 127: County Top Deck: April 25, 2022



Photo 128: County Top Deck: April 25, 2022



Photo 129: County Top Deck: April 25, 2022



Photo 130: County Top Deck: April 25, 2022



Photo 131: County Top Deck: May 23, 2022



Photo 132: County Top Deck: May 23, 2022



Photo 133: County Top Deck: May 23, 2022



Photo 134: County Top Deck: May 23, 2022



Photo 135: County Top Deck: May 23, 2022



Photo 136: County Top Deck: May 23, 2022



Photo 137: County Top Deck: May 23, 2022



Photo 138: County Top Deck: May 23, 2022



Photo 139: County Top Deck: May 23, 2022



Photo 140: County Top Deck: May 23, 2022



Photo 141: County Top Deck: May 23, 2022



Photo 142: County Top Deck: May 23, 2022



Photo 143: County Top Deck: May 23, 2022



Photo 144: County Top Deck: May 23, 2022



Photo 145: County Top Deck: May 23, 2022



Photo 146: County Top Deck: May 23, 2022



Photo 147: County Top Deck: May 23, 2022



Photo 148: County Top Deck: May 23, 2022



Photo 149: County Top Deck: May 23, 2022



Photo 150: County Top Deck: May 23, 2022



Photo 151: County Top Deck: May 23, 2022



Photo 152: County Top Deck: May 23, 2022



Photo 153: County Top Deck: May 23, 2022



Photo 154: County Top Deck: June 27, 2022



Photo 155: County Top Deck: June 27, 2022



Photo 156: County Top Deck: June 27, 2022



Photo 157: County Top Deck: June 27, 2022



Photo 158: County Top Deck: June 27, 2022



Photo 159: County Top Deck: June 27, 2022



Photo 160: County Top Deck: June 27, 2022



Photo 161: County Top Deck: June 27, 2022



Photo 162: County Top Deck: June 27, 2022



Photo 163: County Top Deck: June 27, 2022



Photo 164: North Access Road: April 25, 2022



Photo 165: North Access Road: April 25, 2022



Photo 166: Basin B: April 25, 2022



Photo 167: Basin B: April 25, 2022



Photo 168: Basin B: April 25, 2022



Photo 169: Basin B: April 25, 2022



Photo 170: Basin B: April 25, 2022



Photo 171: Basin B: April 25, 2022



Photo 172: Basin B: April 25, 2022



Photo 173: Basin B: April 25, 2022



Photo 174: Basin B: April 25, 2022



Photo 175: Basin B: April 25, 2022



Photo 176: Basin B: May 23, 2022



Photo 177: Basin B: May 23, 2022



Photo 178: Basin B: May 23, 2022



Photo 179: Basin B: May 23, 2022



Photo 180: Basin B: May 23, 2022



Photo 181: Eastside Drainage Channel: April 25, 2022



Photo 182: Eastside Drainage Channel: April 25, 2022



Photo 183: Eastside Drainage Channel: April 25, 2022



Photo 184: Eastside Drainage Channel: April 25, 2022



Photo 185: Eastside Drainage Channel: April 25, 2022



Photo 186: Eastside Drainage Channel: April 25, 2022



Photo 187: Eastside Drainage Channel: April 25, 2022



Photo 188: Eastside Drainage Channel: April 25, 2022



Photo 189: Eastside Drainage Channel: April 25, 2022



Photo 190: Eastside Drainage Channel: April 25, 2022



Photo 191: Eastside Drainage Channel: April 25, 2022



Photo 192: Eastside Drainage Channel: April 25, 2022



Photo 193: Eastside Drainage Channel: May 23, 2022



Photo 194: Eastside Drainage Channel: May 23, 2022



Photo 195: Eastside Drainage Channel: May 23, 2022



Photo 196: Eastside Drainage Channel: May 23, 2022



Photo 197: Eastside Drainage Channel: June 27, 2022



Photo 198: Eastside Drainage Channel: June 27, 2022



Photo 199: Eastside Drainage Channel: June 27, 2022



Photo 200: Terminal Basin: April 25, 2022



Photo 201: Terminal Basin: April 25, 2022



Photo 202: Terminal Basin: April 25, 2022



Photo 203: Terminal Basin: April 25, 2022



Photo 204: Terminal Basin: April 25, 2022



Photo 205: Terminal Basin: April 25, 2022



Photo 206: Terminal Basin: April 25, 2022



Photo 207: Terminal Basin: April 25, 2022



Photo 208: Terminal Basin: April 25, 2022



Photo 209: Terminal Basin: April 25, 2022



Photo 210: Terminal Basin: April 25, 2022



Photo 211: Terminal Basin: April 25, 2022



Photo 212: Terminal Basin: April 25, 2022



Photo 213: Terminal Basin: April 25, 2022



Photo 214: Terminal Basin: April 25, 2022



Photo 215: Terminal Basin: April 25, 2022



Photo 216: Terminal Basin: April 25, 2022



Photo 217: Terminal Basin: April 25, 2022



Photo 218: Terminal Basin: April 25, 2022



Photo 219: Terminal Basin: April 25, 2022



Photo 220: Terminal Basin: April 25, 2022



Photo 221: Terminal Basin: April 25, 2022



Photo 222: Terminal Basin: April 25, 2022



Photo 223: Terminal Basin: April 25, 2022



Photo 224: Terminal Basin: April 25, 2022



Photo 225: Terminal Basin: April 25, 2022



Photo 226: Terminal Basin: April 25, 2022



Photo 227: Terminal Basin: April 25, 2022



Photo 228: Terminal Basin: May 23, 2022



Photo 229: Terminal Basin: May 23, 2022



Photo 230: Terminal Basin: May 23, 2022



Photo 231: Terminal Basin: May 23, 2022



Photo 232: Terminal Basin: May 23, 2022



Photo 233: Terminal Basin: May 23, 2022



Photo 234: Terminal Basin: May 23, 2022



Photo 235: Terminal Basin: May 23, 2022



Photo 236: Terminal Basin: May 23, 2022



Photo 237: Terminal Basin: May 23, 2022



Photo 238: Terminal Basin: May 23, 2022



Photo 239: Terminal Basin: May 23, 2022



Photo 240: Terminal Basin: May 23, 2022



Photo 241: Terminal Basin: May 23, 2022



Photo 242: Terminal Basin: May 23, 2022



Photo 243: Terminal Basin: May 23, 2022



Photo 244: Terminal Basin: May 23, 2022



Photo 245: Terminal Basin: May 23, 2022



Photo 246: Terminal Basin: June 27, 2022



Photo 247: Terminal Basin: June 27, 2022



Photo 248: Terminal Basin: June 27, 2022



Photo 249: Terminal Basin: June 27, 2022



Photo 250: Terminal Basin: June 27, 2022



Photo 251: Terminal Basin: June 27, 2022



Photo 252: Terminal Basin: June 27, 2022



Photo 253: Terminal Basin: June 27, 2022



Photo 254: Terminal Basin: June 27, 2022



Photo 255: Terminal Basin: June 27, 2022



Photo 256: Terminal Basin: June 27, 2022



Photo 257: Sage Mitigation, Deck C: April 25, 2022



Photo 258: Sage Mitigation, Deck C: April 25, 2022



Photo 259: Sage Mitigation, Deck C: April 25, 2022



Photo 260: Sage Mitigation, Deck C: April 25, 2022



Photo 261: Sage Mitigation, Deck C: April 25, 2022



Photo 262: Sage Mitigation, Deck C: April 25, 2022



Photo 263: Sage Mitigation, Deck C: April 25, 2022



Photo 264: Sage Mitigation, Deck C: April 25, 2022



Photo 265: Sage Mitigation, Deck C: April 25, 2022



Photo 266: Sage Mitigation, Deck C: April 25, 2022



Photo 267: Sage Mitigation, Deck C: May 23, 2022



Photo 268: Sage Mitigation, Deck C: May 23, 2022



Photo 269: Sage Mitigation, Deck C: May 23, 2022



Photo 270: Sage Mitigation, Deck C: May 23, 2022



Photo 271: Sage Mitigation, Deck C: May 23, 2022



Photo 272: Sage Mitigation, Deck B: May 23, 2022



Photo 273: Sage Mitigation, Deck B: May 23, 2022



Photo 274: Sage Mitigation, Deck B: May 23, 2022



Photo 275: Sage Mitigation, Deck B: May 23, 2022



Photo 276: Sage Mitigation, Deck B: May 23, 2022



Photo 277: Sage Mitigation, Deck B: May 23, 2022



Photo 278: Sage Mitigation, Deck B: May 23, 2022



Photo 279: Sage Mitigation, Deck B: June 27, 2022



Photo 280: Sage Mitigation, Deck B: June 27, 2022



Photo 281: Sage Mitigation, Deck B: June 27, 2022



Photo 282: Sage Mitigation, Deck B: June 27, 2022



Photo 283: Sage Mitigation, Deck B: June 27, 2022



Photo 284: Sage Mitigation, Deck B: June 27, 2022



Photo 285: Sage Mitigation, Deck B: June 27, 2022



Photo 286: Sage Mitigation, Deck B: June 27, 2022



Photo 287: Sage Mitigation, Deck B: June 27, 2022

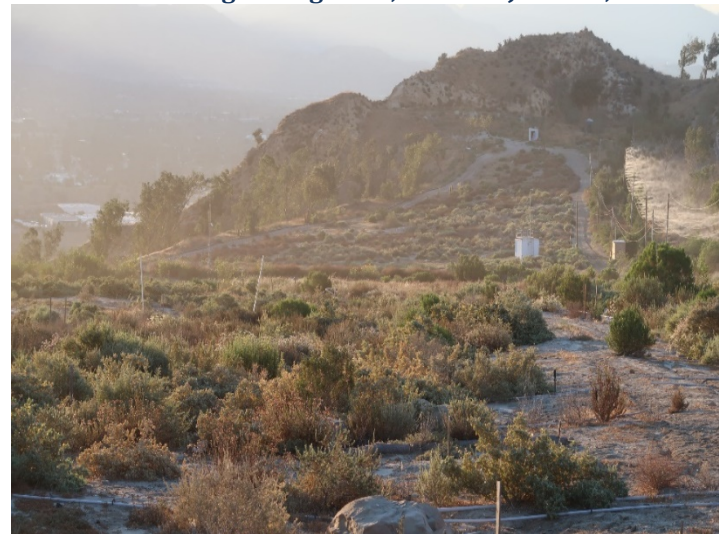


Photo 288: Sage Mitigation, Deck B: June 27, 2022



Photo 289: Sage Mitigation, Deck B: June 27, 2022



Photo 290: Sage Mitigation, Deck B: June 27, 2022



Photo 291: Sage Mitigation, Deck B: June 27, 2022



Photo 292: Sage Mitigation, Deck B: June 27, 2022



Photo 293: Sage Mitigation, Deck B: June 27, 2022



Photo 294: Sage Mitigation, Deck B: June 27, 2022



Photo 295: Sage Mitigation, Deck B: June 27, 2022



Photo 296: Sage Mitigation, Deck B: June 27, 2022



Photo 297: Sage Mitigation, Deck B: June 27, 2022



Photo 298: Sage Mitigation, Deck B: June 27, 2022



Photo 299: General Site: April 25, 2022



Photo 300: General Site: April 25, 2022



Photo 301: General Site: April 25, 2022



Photo 302: General Site: April 25, 2022



Photo 303: General Site: April 25, 2022



Photo 304: General Site: April 25, 2022



Photo 305: General Site: April 25, 2022



Photo 306: General Site: April 25, 2022



Photo 307: General Site: April 25, 2022



Photo 308: General Site: April 25, 2022



Photo 309: General Site: April 25, 2022



Photo 310: General Site: April 25, 2022



Photo 311: General Site: April 25, 2022



Photo 312: General Site: April 25, 2022



Photo 313: General Site: April 25, 2022



Photo 314: General Site: April 25, 2022



Photo 315: General Site: April 25, 2022



Photo 316: General Site: April 25, 2022



Photo 317: General Site: April 25, 2022



Photo 318: General Site: April 25, 2022



Photo 319: General Site: April 25, 2022



Photo 320: General Site: April 25, 2022



Photo 321: General Site: April 25, 2022



Photo 322: General Site: April 25, 2022



Photo 323: General Site: April 25, 2022



Photo 324: General Site: April 25, 2022



Photo 325: General Site: April 25, 2022



Photo 326: General Site: April 25, 2022



Photo 327: General Site: April 25, 2022



Photo 328: General Site: April 25, 2022



Photo 329: General Site: April 25, 2022



Photo 330: General Site: April 25, 2022



Photo 331: General Site: April 25, 2022



Photo 332: General Site: April 25, 2022



Photo 333: General Site: April 25, 2022



Photo 334: General Site: April 25, 2022



Photo 335: General Site: April 25, 2022



Photo 336: General Site: April 25, 2022



Photo 337: General Site: April 25, 2022



Photo 338: General Site: April 25, 2022



Photo 339: General Site: April 25, 2022



Photo 340: General Site: April 25, 2022



Photo 341: General Site: April 25, 2022



Photo 342: General Site: April 25, 2022



Photo 343: General Site: April 25, 2022



Photo 344: General Site: April 25, 2022



Photo 345: General Site: April 25, 2022



Photo 346: General Site: April 25, 2022



Photo 347: General Site: April 25, 2022



Photo 348: General Site: April 25, 2022



Photo 349: General Site: April 25, 2022



Photo 350: General Site: April 25, 2022



Photo 351: General Site: April 25, 2022



Photo 352: General Site: April 25, 2022



Photo 353: General Site: April 25, 2022



Photo 354: General Site: April 25, 2022

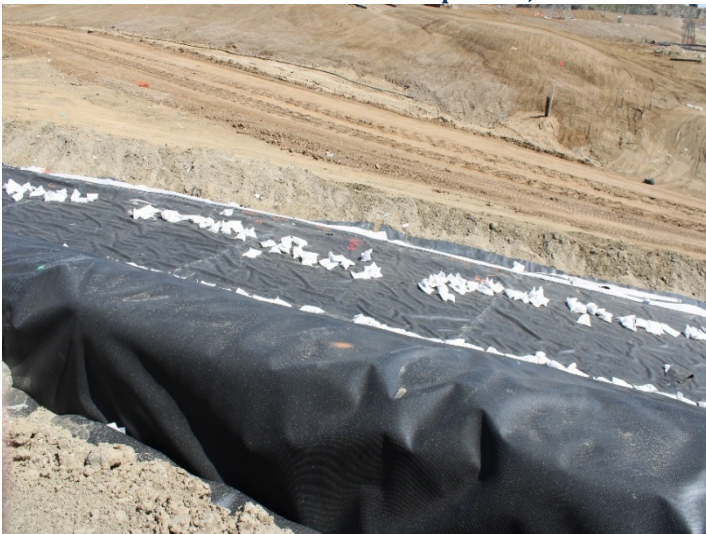


Photo 355: General Site: April 25, 2022



Photo 356: General Site: April 25, 2022



Photo 357: General Site: April 25, 2022



Photo 358: General Site: April 25, 2022



Photo 359: General Site: April 25, 2022



Photo 360: General Site: April 25, 2022



Photo 361: General Site: April 25, 2022



Photo 362: General Site: April 25, 2022



Photo 363: General Site: April 25, 2022



Photo 364: General Site: April 25, 2022



Photo 365: General Site: April 25, 2022



Photo 366: General Site: April 25, 2022



Photo 367: General Site: April 25, 2022



Photo 368: General Site: April 25, 2022



Photo 369: General Site: April 25, 2022



Photo 370: General Site: April 25, 2022



Photo 371: General Site: April 25, 2022



Photo 372: General Site: April 25, 2022



Photo 373: General Site: April 25, 2022



Photo 374: General Site: April 25, 2022



Photo 375: General Site: April 25, 2022



Photo 376: General Site: April 25, 2022



Photo 377: General Site: April 25, 2022



Photo 378: General Site: April 25, 2022



Photo 379: General Site: April 25, 2022



Photo 380: General Site: April 25, 2022



Photo 381: General Site: April 25, 2022



Photo 382: General Site: April 25, 2022



Photo 383: General Site: April 25, 2022



Photo 384: General Site: April 25, 2022



Photo 385: General Site: April 25, 2022



Photo 386: General Site: April 25, 2022



Photo 387: General Site: April 25, 2022



Photo 388: General Site: April 25, 2022



Photo 389: General Site: April 25, 2022



Photo 390: General Site: April 25, 2022



Photo 391: General Site: April 25, 2022



Photo 392: General Site: April 25, 2022



Photo 393: General Site: April 25, 2022



Photo 394: General Site: April 25, 2022



Photo 395: General Site: April 25, 2022



Photo 396: General Site: April 25, 2022



Photo 397: General Site: April 25, 2022



Photo 398: General Site: April 25, 2022



Photo 399: General Site: April 25, 2022



Photo 400: General Site: May 23, 2022



Photo 401: General Site: May 23, 2022



Photo 402: General Site: May 23, 2022



Photo 403: General Site: May 23, 2022



Photo 404: General Site: May 23, 2022



Photo 405: General Site: May 23, 2022



Photo 406: General Site: May 23, 2022



Photo 407: General Site: May 23, 2022



Photo 408: General Site: May 23, 2022



Photo 409: General Site: May 23, 2022



Photo 410: General Site: May 23, 2022



Photo 411: General Site: May 23, 2022



Photo 412: General Site: May 23, 2022



Photo 413: General Site: May 23, 2022



Photo 414: General Site: May 23, 2022



Photo 415: General Site: May 23, 2022



Photo 416: General Site: May 23, 2022



Photo 417: General Site: May 23, 2022



Photo 418: General Site: May 23, 2022



Photo 419: General Site: May 23, 2022



Photo 420: General Site: May 23, 2022



Photo 421: General Site: May 23, 2022



Photo 422: General Site: May 23, 2022



Photo 423: General Site: May 23, 2022



Photo 424: General Site: May 23, 2022



Photo 425: General Site: May 23, 2022



Photo 426: General Site: May 23, 2022



Photo 427: General Site: May 23, 2022



Photo 428: General Site: May 23, 2022



Photo 429: General Site: May 23, 2022



Photo 430: General Site: May 23, 2022



Photo 431: General Site: May 23, 2022



Photo 432: General Site: May 23, 2022



Photo 433: General Site: May 23, 2022



Photo 434: General Site: May 23, 2022



Photo 435: General Site: May 23, 2022



Photo 436: General Site: May 23, 2022



Photo 437: General Site: May 23, 2022



Photo 438: General Site: May 23, 2022



Photo 439: General Site: May 23, 2022



Photo 440: General Site: May 23, 2022



Photo 441: General Site: May 23, 2022



Photo 442: General Site: May 23, 2022



Photo 443: General Site: May 23, 2022



Photo 444: General Site: May 23, 2022



Photo 445: General Site: May 23, 2022



Photo 446: General Site: May 23, 2022



Photo 447: General Site: May 23, 2022



Photo 448: General Site: May 23, 2022



Photo 449: General Site: May 23, 2022



Photo 450: General Site: May 23, 2022



Photo 451: General Site: May 23, 2022



Photo 452: General Site: May 23, 2022



Photo 453: General Site: May 23, 2022



Photo 454: General Site: May 23, 2022



Photo 455: General Site: May 23, 2022



Photo 456: General Site: May 23, 2022



Photo 457: General Site: May 23, 2022



Photo 458: General Site: May 23, 2022



Photo 459: General Site: May 23, 2022



Photo 460: General Site: May 23, 2022



Photo 461: General Site: May 23, 2022



Photo 462: General Site: May 23, 2022



Photo 463: General Site: May 23, 2022



Photo 464: General Site: May 23, 2022



Photo 465: General Site: May 23, 2022



Photo 466: General Site: May 23, 2022



Photo 467: General Site: May 23, 2022



Photo 468: General Site: May 23, 2022



Photo 469: General Site: May 23, 2022



Photo 470: General Site: May 23, 2022



Photo 471: General Site: May 23, 2022



Photo 472: General Site: May 23, 2022



Photo 473: General Site: May 23, 2022



Photo 474: General Site: May 23, 2022



Photo 475: General Site: May 23, 2022



Photo 476: General Site: May 23, 2022



Photo 477: General Site: May 23, 2022



Photo 478: General Site: May 23, 2022



Photo 479: General Site: May 23, 2022



Photo 480: General Site: May 23, 2022



Photo 481: General Site: May 23, 2022



Photo 482: General Site: May 23, 2022



Photo 483: General Site: May 23, 2022



Photo 484: General Site: May 23, 2022



Photo 485: General Site: May 23, 2022



Photo 486: General Site: May 23, 2022



Photo 487: General Site: May 23, 2022



Photo 488: General Site: May 23, 2022



Photo 489: General Site: May 23, 2022



Photo 490: General Site: May 23, 2022



Photo 491: General Site: May 23, 2022



Photo 492: General Site: May 23, 2022



Photo 493: General Site: May 23, 2022



Photo 494: General Site: May 23, 2022



Photo 495: General Site: May 23, 2022



Photo 496: General Site: May 23, 2022



Photo 497: General Site: May 23, 2022



Photo 498: General Site: May 23, 2022



Photo 499: General Site: May 23, 2022



Photo 500: General Site: May 23, 2022



Photo 501: General Site: May 23, 2022



Photo 502: General Site: May 23, 2022



Photo 503: General Site: May 23, 2022



Photo 504: General Site: May 23, 2022



Photo 505: General Site: May 23, 2022



Photo 506: General Site: May 23, 2022



Photo 507: General Site: May 23, 2022



Photo 508: General Site: May 23, 2022



Photo 509: General Site: May 23, 2022



Photo 510: General Site: May 23, 2022



Photo 511: General Site: May 23, 2022



Photo 512: General Site: May 23, 2022



Photo 513: General Site: June 27, 2022



Photo 514: General Site: June 27, 2022



Photo 515: General Site: June 27, 2022



Photo 516: General Site: June 27, 2022



Photo 517: General Site: June 27, 2022



Photo 518: General Site: June 27, 2022



Photo 519: General Site: June 27, 2022



Photo 520: General Site: June 27, 2022



Photo 521: General Site: June 27, 2022



Photo 522: General Site: June 27, 2022



Photo 523: General Site: June 27, 2022



Photo 524: General Site: June 27, 2022



Photo 525: General Site: June 27, 2022



Photo 526: General Site: June 27, 2022



Photo 527: General Site: June 27, 2022



Photo 528: General Site: June 27, 2022



Photo 529: General Site: June 27, 2022



Photo 530: General Site: June 27, 2022



Photo 531: General Site: June 27, 2022



Photo 532: General Site: June 27, 2022



Photo 533: General Site: June 27, 2022



Photo 534: General Site: June 27, 2022



Photo 535: General Site: June 27, 2022



Photo 536: General Site: June 27, 2022



Photo 537: General Site: June 27, 2022



Photo 538: General Site: June 27, 2022

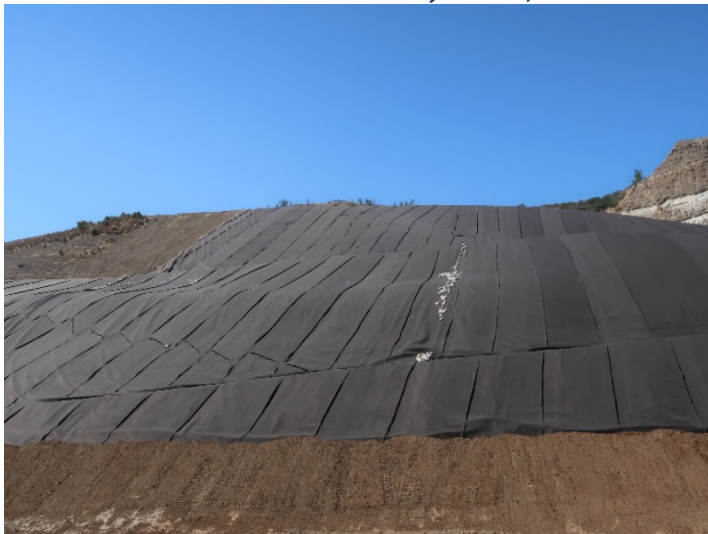


Photo 539: General Site: June 27, 2022



Photo 540: General Site: June 27, 2022

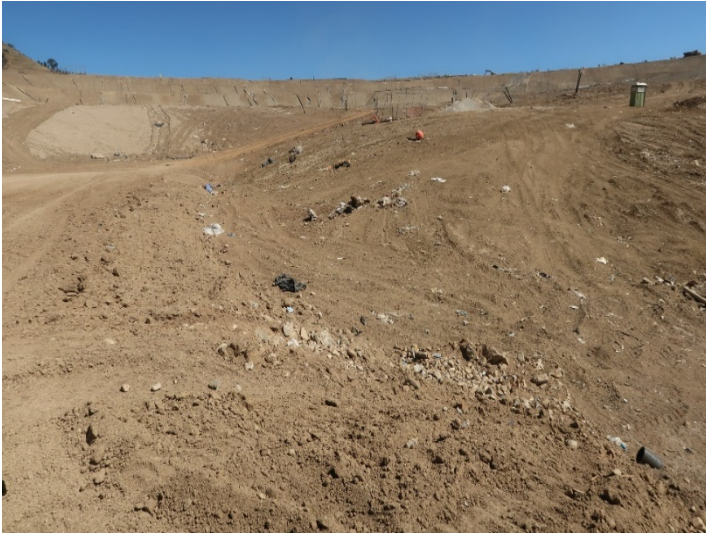


Photo 541: General Site: June 27, 2022



Photo 542: General Site: June 27, 2022



Photo 543: General Site: June 27, 2022



Photo 544: General Site: June 27, 2022



Photo 545: General Site: June 27, 2022



Photo 546: General Site: June 27, 2022



Photo 547: Road Realignment: April 25, 2022



Photo 548: Road Realignment: April 25, 2022



Photo 549: Road Realignment: April 25, 2022



Photo 550: Road Realignment: April 25, 2022



Photo 551: Road Realignment: April 25, 2022



Photo 552: Road Realignment: April 25, 2022



Photo 553: Road Realignment: April 25, 2022



Photo 554: Road Realignment: April 25, 2022



Photo 555: Road Realignment: April 25, 2022



Photo 556: Road Realignment: April 25, 2022



Photo 557: Road Realignment: April 25, 2022



Photo 558: Road Realignment: April 25, 2022



Photo 559: Road Realignment: April 25, 2022



Photo 560: Road Realignment: April 25, 2022



Photo 561: Road Realignment: April 25, 2022



Photo 562: Road Realignment: April 25, 2022



Photo 563: Road Realignment: April 25, 2022



Photo 564: Road Realignment: April 25, 2022



Photo 565: Road Realignment: April 25, 2022



Photo 566: Road Realignment: April 25, 2022



Photo 567: Road Realignment: April 25, 2022



Photo 568: Road Realignment: April 25, 2022



Photo 569: Road Realignment: April 25, 2022



Photo 570: Road Realignment: April 25, 2022



Photo 571: Road Realignment: April 25, 2022



Photo 572: Road Realignment: April 25, 2022



Photo 573: Road Realignment: April 25, 2022



Photo 574: Road Realignment: April 25, 2022



Photo 575: Road Realignment: April 25, 2022



Photo 576: Road Realignment: April 25, 2022



Photo 577: Road Realignment: April 25, 2022



Photo 578: Road Realignment: April 25, 2022



Photo 579: Road Realignment: April 25, 2022



Photo 580: Road Realignment: April 25, 2022



Photo 581: Road Realignment: April 25, 2022



Photo 582: Road Realignment: May 23, 2022



Photo 583: Road Realignment: May 23, 2022



Photo 584: Road Realignment: May 23, 2022



Photo 585: Road Realignment: May 23, 2022



Photo 586: Road Realignment: May 23, 2022



Photo 587: Road Realignment: May 23, 2022



Photo 588: Road Realignment: May 23, 2022



Photo 589: Road Realignment: May 23, 2022



Photo 590: Road Realignment: May 23, 2022



Photo 591: Road Realignment: May 23, 2022



Photo 592: Road Realignment: May 23, 2022



Photo 593: Road Realignment: May 23, 2022



Photo 594: Road Realignment: May 23, 2022



Photo 595: Road Realignment: May 23, 2022



Photo 596: Road Realignment: May 23, 2022



Photo 597: Road Realignment: June 27, 2022



Photo 598: Road Realignment: June 27, 2022



Photo 599: Road Realignment: June 27, 2022



Photo 600: PM-10 Oak Trees: April 25, 2022



Photo 601: PM-10 Oak Trees: April 25, 2022



Photo 602: PM-10 Oak Trees: April 25, 2022



Photo 603: PM-10 Oak Trees: April 25, 2022



Photo 604: PM-10 Oak Trees: April 25, 2022



Photo 605: PM-10 Oak Trees: April 25, 2022



Photo 606: PM-10 Oak Trees: April 25, 2022



Photo 607: PM-10 Oak Trees: April 25, 2022



Photo 608: PM-10 Oak Trees: April 25, 2022



Photo 609: PM-10 Oak Trees: May 23, 2022



Photo 610: PM-10 Oak Trees: May 23, 2022



Photo 611: PM-10 Oak Trees: May 23, 2022



Photo 612: PM-10 Oak Trees: May 23, 2022



Photo 613: PM-10 Oak Trees: May 23, 2022



Photo 614: PM-10 Oak Trees: June 27, 2022



Photo 615: PM-10 Oak Trees: June 27, 2022



Photo 616: PM-10 Oak Trees: June 27, 2022



Photo 617: PM-10 Oak Trees: June 27, 2022



Photo 618: PM-10 Oak Trees: June 27, 2022



Photo 619: PM-10 Oak Trees: June 27, 2022



Photo 620: PM-10 Oak Trees: June 27, 2022



Photo 621: PM-10 Oak Trees: June 27, 2022



Photo 622: PM-10 Oak Trees: June 27, 2022



Photo 623: PM-10 Oak Trees: June 27, 2022



Photo 624: PM-10 Oak Trees: June 27, 2022



Photo 625: PM-10 Oak Trees: June 27, 2022



UltraSystems
environmental • management • planning

Appendix III

Site Monitoring Procedures

2022 Q2

Corporate Office – Orange County
16431 Scientific Way
Irvine, CA 92618-4355
Telephone: 949.788.4900
Facsimile: 949.788.4901
Website: www.ultrasystems.com

Sunshine Canyon Landfill Site Monitoring Procedures for April, May and June 2022

To follow the CDC guidelines for COVID-19 health protocols and to comply with State, County and City restrictions, UltraSystems is extending the monitoring of the landfill to occur on one day each month during April through June 2022; continue practicing physical distancing; and wearing a protective face mask.

UltraSystems will send a single engineer to perform a fact-finding visit in a single vehicle. The engineer will sign-in by phone with landfill staff when arriving on site. The engineer will start at the office parking and drive around the site, taking pictures of the current landfill conditions, construction activities, waste disposal, gas recovery and flaring. The engineer will not leave the immediate area of the vehicle or have personal contact with any landfill staff or waste disposal customers. Photo locations will include:

1. CC-4 Part 1 & 2
2. CC-4 Part 3
3. CC-4 Part 4 construction
4. Current disposal areas
5. Sedimentation basins
6. Gas-to-energy location
7. Flares
8. New office and scales locations
9. Gas systems construction/ general activity
10. Sage mitigation areas
11. Offsite areas to monitor illegal dumping and/or windblown litter
12. Offsite areas to monitor odors

After performing the monitoring activities, the UltraSystems engineer will notify Republic staff that they are signing out and leaving the site.

All photos will be emailed to Republic staff, City LEA, County Planning and Department of Public Works. An after-monitoring conference call will follow after reviewing the photos.

Appendix IV

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

April 2022

**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 4/25/22
Site Conditions: Clear, 60-90° F, 0-20 MPH winds	
SITE LOG	
<p>Republic General Manager - Chris Coyle</p> <p>Drove the Granada Hills area near Woodley Avenue, the adjacent neighborhood, and school areas from 5:45 to 6:10 a.m. There were no landfill odors detected. There were also no roadway odors detected at Balboa and Woodley, nor at the transition down to San Fernando Road. Met with Mike Lindsay (UltraSystems) and Vu Truong (LACDPW). Mike Lindsay checked into the site via a phone call to Chris Coyle. We then proceeded to monitor the site in separate vehicles and observed the following:</p> <ul style="list-style-type: none"> • The prior weekend's area covered with ADC was observed from 6:30 to 6:50 a.m. from the City Deck A viewing station. The ADC was not covered with soil on the prior Saturday. There were two large areas of ADC, one on the top deck west of Basin C and the other north of the Closure Turf slopes on the CC-2A deck • The CC-4 Part 4A deck and adjacent areas had significant amount of windblown litter • The new access road, the sedimentation basin and drainage channels were observed; there was soil placed to construct the access road • The new basin was completed; it is not known when the discharge pipe to the terminal basin will be installed; there was a minor amount of water in the basin • The erosion around the drainage channel down to the SoCal Gas facility area has not been repaired • Erosion was observed on the southern dirt slopes adjacent to the new road location • Drove to the 100-acre buffer area; the oil field pumpers and flare were operating with the flare burning production gas; the south perimeter access gate to the oil field road was locked • The area where the city sewer connection is was observed; the future use for this area is not known • The terminal basin had a significant amount of water with litter in the area from the gabion wall to the outlet risers; the floor liner material was all twisted and in piles; no sediment was removed; sediment was wet and comingled with litter; the outlet channel had sediment and litter in it • The exit road from the scales had water-filled potholes • The eastside drainage channel from the outlet of Basin C had vegetation growing out of concrete cracks; the drainage channel was blocked at a culvert pipe by sediment, brush and debris 	

Page 2 of 2, 4/25/22:

- Basin C had a minor amount of water in it; sediment and debris were observed on the floor and in the eastside slope areas
- The eastside drainage channels to Basin C had the culverts blocked in two locations
- Blower 5 at the flare station had gas leaking from a flange
- Basin A was approximately 50% full of water; there was sediment with floating litter in it; the native hillsides had windblown litter
- The westside outlet channel's discharge from Basin A was blocked and had standing water with sediment and debris in it
- The Closure Turf on the city slopes were observed, and they appear to be well-maintained
- The new liner in Cells CC-4 Part 4B and 5 appear to be completed on the areas not on old waste fill
- There was a depression (slump) noted on the new liner slope south of where the old office parking lot was located; this condition should be investigated by Republic's engineers
- The final westside concrete channel was being completed
- There was a sump pump pumping water out of a temporary basin onto the main access below the new lined area
- There has been no revegetation activity on the County sage mitigation slopes
- The city sage mitigation decks B and C are doing well; removal of mustard plants had not occurred
- PM-10 tree area has had no activity; replacement of dead trees has not occurred
- The upper deck of Cell CC-4 Part 4A was active accepting waste

Flare Operating Conditions:

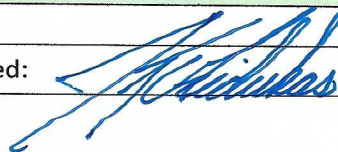
- Flare 1 – 1632°F, 1978 SCFM
- Flare 3 – not operating
- Flare 9 – not operating
- Flare 10 – 1646°F, 2735 SCFM
- Flare 11 – 1699°F, 2678 SCFM

The gas-to-energy plant was using 9,288 SCFM of recovered landfill gas. The total volume of recovered landfill gas was 16,679 SCFM.

FURTHER REVIEW NEEDED

COMMENTS

Signed:



**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

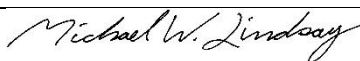
Monitor: Mike Lindsay	Page: 1 of 2
Discipline: Environmental Engineer	Date: 04-25-2022 Monday
Site Conditions: Clear, 61–88 °F, S 7–20 mph, 32% RH, 29 AQI	
SITE LOG	
<ol style="list-style-type: none"> 1. No odors are present in the adjacent neighborhood and school at 5:30 am, with residential trash cans out for pickup. 2. Checked into office via phone with Chris Coyle (Republic Services). 3. Jim Aidukas (UltraSystems), Tarik Hadj-Hamou (SRK), and Vu Truong and Ramone (LACDPW) followed in separate vehicles to site locations. 4. ADC at the active working faces is 15% covered with new trash at 6:30 am. 5. Two ADC-covered locations were not covered with soil from the previous Saturday operations. 6. Sediment basin A is in good order, with the majority of water drained. 7. Flare 1 is operating at 1978 scfm, 1632 °F. Gas inlet temperature is 97 °F. 8. City decks C and B sage mitigation areas have new green growth throughout. 9. Yellow mustard weed is growing throughout City decks. 10. The PM-10 oak trees are in good condition, but with several dead trees present. 11. Water misters are operating along the southern perimeter. 12. Traffic spotters are onsite to control traffic. 13. Observed the new sediment basin at the entrance road realignment project area, with some water present from recent rains. 14. The concrete V-ditch above the natural gas odorization facility on San Fernando Road has soil erosion due to heavy rains. 15. The terminal basin is in good order, with water covering the northeast end. Skimmers are operational. Litter and debris are largely covering the water surface around the drains. 16. The terminal basin outlet channel has additional trash and debris present. Water is steadily flowing out of basin from water draining via skimmers and vertical drains. 17. The liner material placed at the terminal basin inlet channels lifted and is piled up due to heavy rains. 18. Edgar De La Torre (LACDRP) joined the site visit. 19. The Alder tank farm is in good order, with no odors or leaks present. The eye wash station is functioning properly. 20. The low-point drainage pump is operating. 21. The admin and LEA facility are in good order. 22. The scales are generally in good order, with some water-filled potholes present at exit ramps. 23. The eastside drainage channel is mostly clear of sediment, and has a concrete-cracked sidewalk on the north side. 24. Sediment basin B is mostly dry, with sediment covering floor due to rains. 25. The bowl area by basin B is in good order, with no odors present. 26. Eastside drainage road-crossing culvert inlets have been partially cleared, but some are still blocked with vegetation and soil south of the substation. 27. Flare 9 is offline 28. Flare 10 is operating at 2704 scfm, 1664 °F. Gas inlet temperature is 105 °F. Blowers 1, 2, 4, 5 and 6 are operating. 29. Flare 11 is operating at 2751 scfm, 1679 °F. Gas inlet temperature is 117 °F. 	

30. Perimeter drainage channel at flare pad is in good order, with sediment covering bottom of channel from rains.
31. The Sunshine Gas Producers facility is operating at 8990 scfm.
32. Gas odors are present at the blower number 5 outlet flange.
33. Double bottom dump trucks are importing soil and stockpiling it on the County top deck.
34. The secondary northwest access road has been graded smooth.
35. The perimeter northwest gate is propped open.
36. Bird abatement measures are active near working area.
37. The County sage mitigation slopes are in good order.
38. Water misters are operating along the west perimeter slopes.
39. Sediment basin D is in good order, with 9-inch piping stockpiled within basin.
40. The storage yard is in good order, with five vehicles, used tires and piping being stored.
41. Extra-large landfill gas wells have been installed at southern-end of County top deck.
42. Plastic bollards have been placed at center of haul road along County top deck to establish two-way lanes.
43. Sediment basin A has standing water near the riser drains. Trash and debris are present by drains and in water.
44. A pump is being used to fill water trucks using Basin A water.
45. Wind-blown trash is still present in small canyon below Flare 3.
46. Flare 3 is offline.
47. Observed new cell construction of Cell CC4 Part 4B/5, including completed liner material along the southern slopes and benches.
48. Street sweepers are cleaning the haul roads.
49. Water trucks are applying water to site for dust control.
50. The County top deck is in good order. Soil is being excavated for daily cover material.
51. Observed stockpiled soil piles on top deck.
52. Observed working area Cell CC4 Part 4A again, including tippers, water trucks and traffic control. The ADC is 50% covered with new trash at 10:00 am.
53. The westside drainage channel is mostly clear of sediment.
54. The closure turf at the City north slopes along the main haul road is in good order with no odors.
55. Water misters are operating along main haul road at landfill entrance.
56. Checked out of office with Chris Coyle via phone.

FURTHER REVIEW NEEDED

1. Cover ADC with soil after each Saturday's operations.
2. Remove yellow mustard weed from City sage mitigation decks.
3. Replace dead oak trees at PM-10 berm.
4. Backfill the concrete V-ditch northeast of the new basin.
5. Remove trash and debris from the terminal basin outlet channel.
6. Repair the concrete-cracked sidewall at eastside drainage channel.
7. Remove soil and vegetation from the remaining eastside drainage culverts.
8. Repair blower number 5 outlet flange gas leak.

Signed:



SUNSHINE CANYON LANDFILL

MITIGATION MONITORING SITE REPORT

Monitor: Tarik Hadj-Hamou, Ph.D., P.E.	PAGE 1 OF 7
Discipline: Civil – Geotechnical and Hydrology	Date: April 25, 2022
Site Conditions: Sunny and warm	
SITE LOG	
<p>Pre-site inspection meeting</p> <ul style="list-style-type: none"> Meet with UltraSystems team members Mike Lindsay and Jim Aidukas, to prepare tour of landfill, review of previous visits, review documents, discuss potential issues, organize areas and features to inspect. Sign-up at landfill by phone (Mike Lindsay) Meet with L.A. County monitors 	
<p>Site inspection</p> <ul style="list-style-type: none"> Tour of landfill Observation of waste face Access Roads Waste placement Drainage systems (Basins, channels) Erosion protection system Grading work for new access road/berm Liner Installation Landfill for geotechnical and hydrological issues Other observations 	
<p>Waste Face</p> <ul style="list-style-type: none"> ADC was exposed at 6:00AM (Photos IMG_0161) 	
<p>Access Roads</p> <ul style="list-style-type: none"> Main access road: No stability drainage or erosion concerns Access road to the administration building. <ul style="list-style-type: none"> – Two sets of cracks were observed on pas the first hairpin turn along the gravity retaining wall – First crack shows a light vertical offset as indicated by the key chain on Figure 1 and does not extend the full width of the road. There is slight bump in the asphalt near the curb on the upslope side of the road. – Second crack up the road from the first crack (Figure 2) extends across the road and engages the curb on the upslope (Figure 3) – The crack exhibits a small vertical offset near the curb (Figure 3) and a slight horizontal offset (Figure 4) – The soil is separating from the curb on the downslope side of the road (Figure 5) 	
<p>Waste Placement</p> <ul style="list-style-type: none"> Two waste faces in operation (Photo IMG_0157) <ul style="list-style-type: none"> – on top of Cell CC3 with 4 Tilters set-up (Photo IMG_0170) – on the side slope of Cell CC3 (Photo IMG_0172) Interim cover material was used at both waste faces 	

Drainage System

- Terminal Basin
 - Portion of the concrete wall and floor was removed in anticipation of construction of the toe berm and geomembrane was deployed over the exposed soil
 - Portions of the geomembrane was ripped by last storm (IMG_0222-0229)
 - Reddish water seeping – probably underground water (IMG_0222)
 - Up to three feet of sediment have accumulated on the south side of the basin behind the the gabion wall (Photo IMG_0232)
 - Water accumulated between the gabion wall and the decant towers.
 - Some refuse remains behind the decant towers (Photo 3229)
- Cell CC3 Earthen basin
 - Clean
- Basin B
 - Some soil and debris/refuse have accumulated in the northeast corner (Photo IMG_0278)
 - Some sediment in the middle of the basin and near the decant towers but no impact on capacity
 - Water ponding near the decant towers (Photo IMG_0279)
 - Some plants are growing through the crack on spillway (Photo IMG_0280)
- Basin D
 - Basin is clean and available for water storage
 - Vegetation is growing in crack on spillway to the west drainage channel as noted previously (Figure 6)
- Basin A
 - Basin is retaining some water (Photos IMG_0360-0363)
- Perimeter channels and ditches
 - Vegetation is growing through cracks and joints along portions of the channels and ditches
 - Vegetation and waste have accumulated at the intake of pipes installed where the channel was backfilled to provide access to the power pylons at the northern channel (Photo IMG_0292-0295)
 - The trapezoid channel out of Basin A is blocked and retains water and some sediment (Photos IMG_0381-0384)
 - Cracks, deformations and spalling of the wall of the northern channel near downslope from Basin B were observed. (Photos IMG_0288, 0289, and 0291)

Erosion Protection Systems

- Gullies and sloughing observed on the slopes along the layout of the proposed new access road (IMG_0205)
- Closure turf looks great, no excessive wrinkles
-

Grading work for new access road/berm

- No grading or earthwork activities on day of visit
- Concrete was being poured on the side of the new stormwater basin (Photo 3200)
- The two decant towers are in place (Photo 3199)
- Drainage system on San Fernando facing slope, east facing slope
 - Extensive erosion damage was observed along the south downslope channel at the intersection between the embankment and the native ground (IMG_0192-0216)
 - Sediments have accumulated at the toe of slope (IMG_0189)


Liner Installation <ul style="list-style-type: none">• Liner was being installed on the floor and slope of cell CC4 Phase 4.
Landfill for geotechnical and hydrological issues <ul style="list-style-type: none">• none
Other observations <ul style="list-style-type: none">• None
FURTHER REVIEW NEEDED
<ul style="list-style-type: none">• N/A
COMMENTS
<ul style="list-style-type: none">• N/A
Signed: 



Figure 1 : First crack on access road to the administration pad



Figure 2 :Second crack on access road to the administration pad



Figure 3 : Second crack on access road to the administration pad, extending through curb



Figure 4: second crack on access road to administration pad: Horizontal offset



Figure 5: Access road to administration pad: soil separating form curb

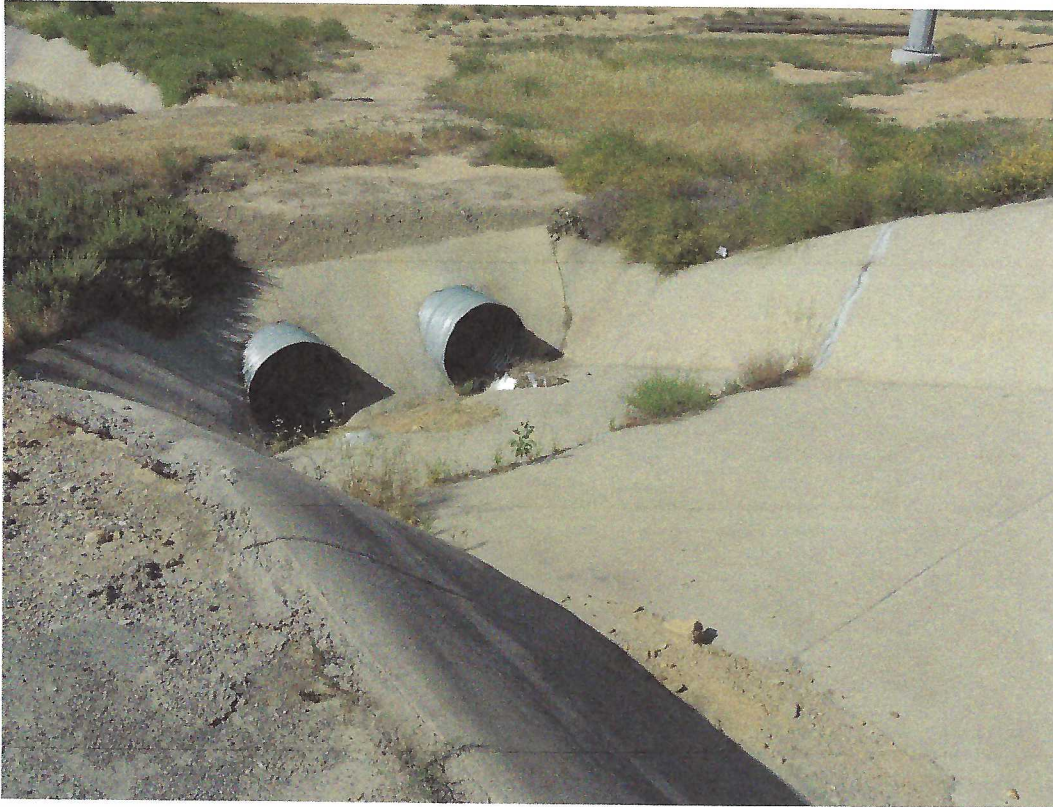


Figure 6: Vegetation in cracks at Basin D spillway

May 2022

**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 5/23/22
Site Conditions: Clear, 50-85° F, 0-15 MPH winds	
SITE LOG	
<p>Republic General Manager - Chris Coyle</p> <p>Drove the Granada Hills area near Woodley Avenue, the adjacent neighborhood, and school areas from 5:20 to 5:45 a.m. There were no landfill odors detected. There were also no roadway odors detected at Balboa and Woodley, nor at the transition down to San Fernando Road. Met with Mike Lindsay (UltraSystems) and Vu Truong and Robel Mesfin (LACDPW). Mike Lindsay checked into the site via a phone call to Chris Coyle. We then proceeded to monitor the site in separate vehicles and observed the following:</p> <ul style="list-style-type: none"> The whole landfill site and the start of morning operations were observed from the City Deck A viewing platform from 6:10 to 6:45 a.m. The prior week's ADC was covered with soil on Saturday. We met with Kate Downy (Republic Services) and discussed the site operations and soil importation. The slopes south of CC-4 Part 4A were completely lined and ready for disposal (CC-4 Part 4B and 5.) The status of RWQCB approval of the liner is not known. The exit roadways at the scales had potholes that were filled with water. There were no other concerns noted at the scales. Edgar De La Torre (LACDRP) joined us at 8:00 a.m. The areas CC-3A and CC3B were active accepting waste. There were no odors or dust leaving the immediate disposal area. Soil and concrete and asphalt were being stockpiled on the CC-3A and CC-3B top decks. The south-facing closure turf slopes were being maintained and no concerns were noted. Basin B was dry and had minor amounts of sediment in it. There was debris in the eastern back area and slopes. The eastside drainage channel had debris, brush, and sediment plugging the drainage flow south and north of the outlet of Basin B. Basin A was dry with sediment on the floor and debris in the back area floor and slopes. There is a slump that was noted on the lined slope of CC-4 Part 4B or 5. Republic's Geotech consultant should look at the slump and document the acceptability of leaving it as it is. There are numerous areas in the southwestern portion of the site that has windblown litter. The westside drainage channel had some debris and sediment in it. 	

Page 2 of 2, 5/23/22:

- The terminal basin has a significant amount of moist sediment, over ten feet high in some areas near the gabion wall. Litter and debris cover a large portion of the sediment and water in the basin
- The new access road area has a significant volume of double belly dump trucks bringing in soil to build the road.

Flare Operating Conditions:

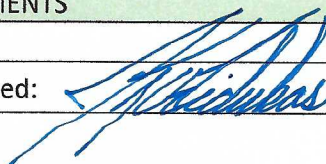
- Flare 1 – 1639°F, 2194 SCFM
- Flare 3 – not operating
- Flare 9 – down for maintenance
- Flare 10 – 1673°F, 3747 SCFM
- Flare 11 – 1685°F, 3683 SCFM

The gas-to-energy plant was using 9,343 SCFM of recovered landfill gas. The total volume of recovered landfill gas was 18,967 SCFM.

FURTHER REVIEW NEEDED

COMMENTS

Signed:



**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: Mike Lindsay	Page: 1 of 2
Discipline: Environmental Engineer	Date: 05-23-2022 Monday
Site Conditions: Hazy then Clear, 52–84 °F, SW 2–12 mph, 74% RH, 51 AQI	
SITE LOG	
<ol style="list-style-type: none"> 1. No odors are present in the adjacent neighborhood and school at 5:40 am. 2. Checked into office via phone with Chris Coyle (Republic Services). 3. Jim Aidukas (UltraSystems), and Vu Truong and Robel Mesfin (LACDPW) followed in separate vehicles to site locations. 4. Observed overall landfill operations from observation deck, including working areas at Cell CC-3A and CC-3B. 5. ADC at the active working faces is covered with soil from Saturday's operations. 6. Met with Kate Downey (Republic Services), and discussed soil importation status. 7. A drilling rig is in place at the top, north side of Cell CC-4 Part 4A. 8. Water trucks with odor neutralizer are spraying water onto trash as it is dumped out of tipper trucks. 9. The admin and LEA facility are in good order. 10. The scales are generally in good order, with some water-filled potholes present at exit ramps. 11. Met with Edgar De La Torre (LACDRP), who followed in a separate vehicle. 12. Working area at Cell CC-3A is in good order, with packer trucks and moving floor trucks unloading at the north end of cell. Traffic controllers are in place with water trucks controlling dust and odors. 13. Working area at Cell CC-3B is in good order, with four tippers, traffic controllers and water trucks. 14. A separate area has Stericycle waste and a pile of used biohazard trash barrels. 15. Observed stockpiled soil area on top deck, with trucks dumping soil at northeast end of deck. 16. Double-bottom dump trucks are unloading soil at the southwest end of deck. 17. Sediment basin B is mostly dry, with debris at back of basin. 18. An eastside drainage culvert is blocked with soil and debris just southeast of sediment basin B. 19. The bowl area by basin B is in good order, with no odors present. 20. Eastside drainage road-crossing culvert inlets have been cleared of vegetation and soil south of the substation. 21. Flare 9 is offline 22. Flare 10 is operating at 3747 scfm, 1673 °F. Gas inlet temperature is 105 °F. Blowers 1, 2, 4, 5 and 6 are operating. 23. Flare 11 is operating at 3683 scfm, 1685 °F. Gas inlet temperature is 131 °F. 24. Perimeter drainage channel at flare pad is in good order, with sediment covering bottom of channel. 25. The Sunshine Gas Producers facility is operating at 9343 scfm. 26. Traffic spotters are onsite to control traffic. 27. Sediment basin A is dry and in good order, with debris at back of basin. 28. The westside drainage channel is mostly clear of sediment. 29. Observed Cells CC-4 Part 4A and Part 4B, with no active operations or construction this morning. 30. Workers are removing wind-blown trash from slope areas. 31. Observed depression (hump) at north-facing end of the Part 4B wall liner. 32. Observed construction at the new sediment basin, including soil being imported and unloaded around the basin's perimeter. 33. The terminal basin is in good order, with water covering the northeast end. Litter and debris are largely covering the water surface around the drains. 	

34. Flare 1 is operating at 2194 scfm, 1639 °F. Gas inlet temperature is 122 °F.
35. City decks C and B sage mitigation areas have new green growth throughout.
36. Yellow mustard weed is growing throughout City decks.
37. The PM-10 oak trees are in good condition, but with several dead trees present.
38. Water misters are operating along the southern perimeter.
39. The County sage mitigation slopes are in good order.
40. Water misters are operating along the west perimeter slopes.
41. Street sweepers are cleaning the haul roads.
42. Water trucks are applying water to site for dust control.
43. The closure turf at the City north slopes along the main haul road is in good order with no odors.
44. Water misters are operating along main haul road at landfill entrance.
45. Checked out of office with Chris Coyle via phone.

FURTHER REVIEW NEEDED

1. Remove yellow mustard weed from City sage mitigation decks.
2. Replace dead oak trees at PM-10 berm.
3. Unblock eastside drainage culvert southeast of sediment basin B
4. Remove yellow mustard weed from City sage mitigation decks.

Signed: 

June 2022

**Sunshine Canyon Landfill
June 27, 2022, Site Visit
July 18, 2022 Site Monitoring Conference Call**

Site Visit Participants

June 27, 2022 Site Visit

James Aidukas, UltraSystems – Separate Vehicle
Gladys Rietze and Alex Castro, LACDPW – Separate Vehicle
Edgar De La Torre, LACDRP – Separate Vehicle

Conference Call Participants

Bill Carr and Kate Downey, Republic Services
Kristine Jegalian and Claudia Rodriguez, LA City Planning
Edgar De La Torre and Diana Gonzales, LACDRP
Mike Harmon and Gladys Rietze, LACDPW
James Aidukas and Mike Lindsay, UltraSystems

Site Visit Observations Discussion:

To follow CDC guidelines for COVID-19 health protocols, UltraSystems sent personnel in separate vehicles to perform a site visit to photograph site conditions and record site observations of the landfill. Edgar De La Torre and Diana Gonzalez also were in a separate vehicle. After reviewing the photos and observation record, a post-site visit conference call was held to discuss Sunshine Canyon Landfill operations and the status of construction, maintenance and compliance for the months of February and March. We asked questions regarding health measures, site operations, weather impacts, landfill gas and liquids control, construction activities and mitigation measures status. We received comments and updates from Republic staff as follows:

Discussion Topics After Reviewing Site Visit Photos

1. The adjacent neighborhood was monitored for odor between 5:15 to 5:40 am. There were no landfill odors detected. Balboa Boulevard near Woodley Avenue and Balboa Boulevard just before going down to San Fernando Road was monitored for roadway liquids odors. There were no liquids odors coming from the roadway.
 - o Bill Carr acknowledged the statement.
2. (Photos 3530-3540) The whole landfill site and the start of morning operations were observed from the City Deck A viewing platform from 6:00 to 6:20 am. The prior week's ADC was covered with soil on Saturday. In April, the ADC was also covered on Saturday; in March, it was not covered due to a lack of soil being brought onto the site.
 - a.) Is soil now available and being brought in for ADC? How is the soil importation coordinated with the soil supplier?
 - o Bill Carr stated that they are now receiving a steady supply of the material they need to complete a full cover on Saturdays.

3. (Photos 3534-3537, 3622-3626) There was windblown litter observed on the prior week's top deck.
 - a.) When is this normally removed?
 - o Bill Carr stated that the crews on Mondays have temporary workers who work throughout the site picking up windblown litter.
4. (Photos 3543-3555, 3560-3567, 3572-3575) The sage mitigation on the old City's Decks B and C were being maintained and doing well. The area outside of the Deck C roadway did not have the mustard weed removed.
 - a.) What is being done to prevent mustard weed from spreading into the sage mitigation area?
 - o Kate Downey stated that they have Oak Ridge monitor that area each month as well as two consulting groups that visit on a quarterly basis, and they will note the mustard weed issue in their next meeting to ensure compliance with the mitigation measures.
5. (Photos 3567-3571, 3576, 3578, and 3579) The PM-10 oak tree mitigation area was observed. There were numerous dead oak trees.
 - a.) Has a report been developed identifying the dead trees with a plan for their replacement?
 - o Kate Downey stated that they have a consulting group that comes out on an annual basis to assess the health of the oak trees, and the current status of the oak trees will be brought up at the meeting towards the end of this year. The consulting group will make their recommendations and the timeline for replacing the oak trees will be set at that point.
6. (Photos 3556-3559) The cracks and humps in the paved employee access road has gotten worse.
 - a.) Has the geotechnical consultant looked at this road? Is the old landfill area moving?
 - o Kate Downey stated that their geotechnical engineer examined the area 4 months ago and described it as routine settlement and there was no serious concern at the time of his investigation, but he is checking it monthly during his other inspections and is updating as needed. The most recent assessment was that no further action is needed at this time.
7. (Photo 3585) There is an exposed, buried HDPE liquids handling pipeline crossing the dirt road near the Adler Tank Facility.
 - a.) This needs to be covered or placed in a metal casing for protection.
 - o Kate Downey stated that there is a line there that they have to regrade once or twice a year so that it remains solid, so over that period of time the cover erodes and ultimately needs to be dug up and regraded.
 - o Kate Downey stated that she will meet with SCS regarding this issue.
8. (Photos 3537 and 3538) The exit roads from the scales were in good condition. There were no concerns noted.
 - o Bill Carr acknowledged the statement.
9. (Photos 3589-3591) The eastside drainage channel was observed.
 - a.) Soil and debris need to be removed.

- Bill Carr stated that they are currently working on clearing out the soil and debris at the terminal basin and eastside drainage channel.
10. (Photos 3611-3615) The material storage area had a significant amount of junk material removed.
- a.) Is more removal and disposal of junk material scheduled?
 - Bill Carr stated that they are in the process of removing and disposing a vast majority of the junk material. They are having someone come in to cut the old gas pipes into six-foot lengths so it can be sent to the recycling center, but the issue is that some months the recycling center accepts the piping and other months they do not.
11. (Photos 3597-3599) The access roads to the active area had uncontrolled dust. The roadways needed more watering or the application of a soil sealant.
- Bill Carr stated that he shared the photos with the opening supervisor and talked about what his job duties were.
12. (Photos 3616-3619) Basin A and the westside drainage channel had debris in the dry sediment.
- a.) Has this debris been removed?
 - Bill Carr stated that part of the debris has been removed, and are going around the entire site and will fully remove the debris.
13. (Photo 3620) There is a slump that has been noted on the lined slope of CC-4 Part 4B or Part 5.
- a.) Has Republic's geotechnical consultant looked at the slump and documented the acceptability of leaving it as it is?
 - Bill Carr stated that he will have to follow up with Valorie on what she got back regarding the slump because somebody came out to take a look at it.
14. (Photos 3628-3630, 3638) There was alluvial seep water entering the terminal basin.
- a.) Is this coming from the 9-foot buried corrugated steel drainage pipe not yet removed and shown on the A-Mehr 2010 drawings?
 - Bill Carr stated that it was all concrete up to where the liner is.
15. (Photos 3577, 3580, 3586) The active area was observed and was operating with no concerns noted.
- Bill Carr acknowledged the statement.
16. (Photos 3631-3637) The terminal basin had a significant amount of sediment with debris covering a lot of it.
- a.) When will cleaning of the basin start?
 - Bill Carr stated that they have already begun cleaning the debris.
17. (Photos 3639-3641) The construction of the new main access road had a significant amount of work done.
- a.) When will the construction plan be available for review for compliance with CUP conditions?
 - Kate Downey stated that the plans for the new main access road are not complete yet, but she can send plans for Phases 1 and 2.

Site Operations

1. Were there any notices of violation (NOVs) issued in June 2022?
 - Kate Downey stated that a NOV was issued on June 22, 2022 by AQMD for alleged odor issues, and another NOV was issued on June 27, 2022 by AQMD for alleged odor issues.
2. Were there any operational complaints in June 2022?
 - Kate Downey stated that there were no operational complaints in June 2022.

Site Visit Comments from Mike Lindsay

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

The conference call concluded.

Sunshine Canyon Landfill
June 27, 2022, Site Visit
Conference Call Discussion Items

Site Visit Participants

June 27, 2022 Site Visit

James Aidukas, UltraSystems – Separate Vehicle
Gladys Rietze and Alex Castro, LACDPW – Separate Vehicle
Edgar De La Torre – Separate Vehicle

Discussion Topics After Reviewing Site Visit Photos

1. The adjacent neighborhood was monitored for odor between 5:15 to 5:40 am. There were no landfill odors detected. Balboa Boulevard near Woodley Avenue and Balboa Boulevard just before going down to San Fernando Road was monitored for roadway liquids odors. There were no liquids odors coming from the roadway.
2. (Photos 3530-3540) The whole landfill site and the start of morning operations were observed from the City Deck A viewing platform from 6:00 to 6:20 am. The prior week's ADC was covered with soil on Saturday. In April, the ADC was also covered on Saturday; in March, it was not covered due to a lack of soil being brought onto the site.
 - a.) Is soil now available and being brought in for ADC? How is the soil importation coordinated with the soil supplier?
3. (Photos 3534-3537, 3622-3626) There was windblown litter observed on the prior week's top deck.
 - a.) When is this normally removed?
4. (Photos 3543-3555, 3560-3567, 3572-3575) The sage mitigation on the old City's Decks B and C were being maintained and doing well. The area outside of the Deck C roadway did not have the mustard weed removed.
 - a.) What is being done to prevent mustard weed from spreading into the sage mitigation area?
5. (Photos 3567-3571, 3576, 3578, and 3579) The PM-10 oak tree mitigation area was observed. There were numerous dead oak trees.
 - a.) Has a report been developed identifying the dead trees with a plan for their replacement?
6. (Photos 3556-3559) The cracks and humps in the paved employee access road has gotten worse.
 - a.) Has the geotechnical consultant looked at this road? Is the old landfill area moving?
7. (Photo 3585) There is an exposed, buried HDPE liquids handling pipeline crossing the dirt road near the Adler Tank Facility.
 - a.) This needs to be covered or placed in a metal casing for protection.

8. (Photos 3537 and 3538) The exit roads from the scales were in good condition. There were no concerns noted.
9. (Photos 3589-3591) The eastside drainage channel was observed.
 - a.) Soil and debris need to be removed.
10. (Photos 3611-3615) The material storage area had a significant amount of junk material removed.
 - a.) Is more removal and disposal of junk material scheduled?
11. (Photos 3597-3599) The access roads to the active area had uncontrolled dust. The roadways needed more watering or the application of a soil sealant.
12. (Photos 3616-3619) Basin A and the westside drainage channel had debris in the dry sediment.
 - a.) Has this debris been removed?
13. (Photo 3620) There is a slump that has been noted on the lined slope of CC-4 Part 4B or Part 5.
 - a.) Has Republic's geotechnical consultant looked at the slump and documented the acceptability of leaving it as it is?
14. (Photos 3628-3630, 3638) There was alluvial seep water entering the terminal basin.
 - a.) Is this coming from the 9-foot buried corrugated steel drainage pipe not yet removed and shown on the A-Mehr 2010 drawings?
15. (Photos 3577, 3580, 3586) The active area was observed and was operating with no concerns noted.
16. (Photos 3631-3637) The terminal basin had a significant amount of sediment with debris covering a lot of it.
 - a.) When will cleaning of the basin start?
17. (Photos 3639-3641) The construction of the new main access road had a significant amount of work done.
 - a.) When will the construction plan be available for review of compliance with CUP conditions?

Site Operations

1. Were there any notices of violation (NOVs) issued in June 2022?
2. Were there any operational complaints in June 2022?



IMG_3543



IMG_3544



IMG_3545



IMG_3546



IMG_3547



IMG_3548



IMG_3549



IMG_3550



IMG_3551



IMG_3552



IMG_3553



IMG_3554



IMG_3555



IMG_3556



IMG_3557



IMG_3558



IMG_3559



IMG_3560



IMG_3561



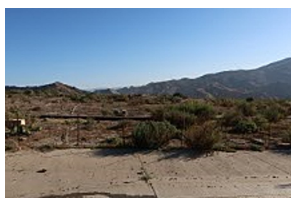
IMG_3562



IMG_3563



IMG_3564



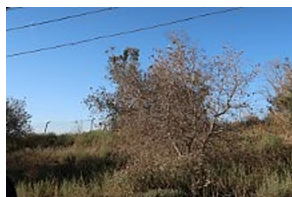
IMG_3565



IMG_3566



IMG_3567



IMG_3568



IMG_3570



IMG_3571



IMG_3572



IMG_3573



IMG_3574



IMG_3575



IMG_3576



IMG_3577



IMG_3578



IMG_3579



IMG_3580



IMG_3581



IMG_3582



IMG_3583



IMG_3584



IMG_3585



IMG_3586



IMG_3587



IMG_3588



IMG_3589



IMG_3590



IMG_3591



IMG_3592



IMG_3593



IMG_3594



IMG_3595



IMG_3596



IMG_3597



IMG_3598



IMG_3599



IMG_3600



IMG_3601



IMG_3602



IMG_3603



IMG_3604



IMG_3605



IMG_3606



IMG_3608



IMG_3609



IMG_3610



IMG_3611



IMG_3612



IMG_3613



IMG_3614



IMG_3615



IMG_3616



IMG_3617



IMG_3618



IMG_3619



IMG_3620



IMG_3621



IMG_3622



IMG_3623



IMG_3624



IMG_3625



IMG_3626



IMG_3627



IMG_3628



IMG_3629



IMG_3630



IMG_3631



IMG_3632



IMG_3633



IMG_3634



IMG_3635



IMG_3636



IMG_3637



IMG_3638



IMG_3639



IMG_3640



IMG_3641



IMG_3530



IMG_3531



IMG_3532



IMG_3533



IMG_3534



IMG_3535



IMG_3536



IMG_3537



IMG_3538



IMG_3539



IMG_3540



IMG_3541



IMG_3542

**SUNSHINE CANYON LANDFILL
MITIGATION MONITORING SITE REPORT**

Monitor: James Aidukas	Page: 1 of 2
Discipline: Project Manager	Date: 6/27/22
Site Conditions: Clear, 55-80° F, 0-10 MPH winds	
SITE LOG	
<p>Republic General Manager - Chris Coyle</p> <p>Drove the Granada Hills area near Woodley Avenue, the adjacent neighborhood, and school areas from 5:15 to 5:40 a.m. There were no landfill odors detected. There were also no roadway liquid odors detected at Balboa and Woodley, nor at the transition down to San Fernando Road. Met with Gladys Reitze and Alex Castro (LACDPW). Checked into the site via a phone call to Bill Carr. We then proceeded to monitor the site in separate vehicles and observed the following:</p> <ul style="list-style-type: none"> • The whole landfill site and the start of morning operations were observed from the City Deck A viewing platform from 6:00 to 6:20 a.m. The prior week's ADC was covered with soil on Saturday. • Litter from the prior week's operation was observed on the City's top deck and slope east of the old CC-2A area and on the eastern slopes of the County top deck. • Flare 1 was observed, and no operational concerns were noted. • The sage mitigation on Decks B and C were being maintained and doing well. Non-native vegetation was being removed. • The areas outside of Deck C and adjacent to the deck's perimeter road had mustard that was not being removed. • There were numerous dead trees seen in the PM-10 oak tree mitigation area. • Edgar De La Torre joined us during the rest of the site monitoring. • The cracks and humps in the paved employee access road has gotten worse. There appears to be settlement or movement occurring. • A liquids handling pipe from the liner low point removal pump to the Adler Tank facility was exposed to vertical traffic in the dirt road. The HDPE pipe had vehicle scuffing. • The exit roads from the scales were in good condition. There were no concerns noted. • The eastside drainage channel had soil and debris in the channel. There were three areas north and south of Basin B where the culvert pipes were blocked. • Import soil, broken concrete, and asphalt were being stockpiled on the City top deck. • The CC-2A and the prior bowl top decks were active accepting waste. • There is a large amount of HDPE pipe and fittings scattered over the County top deck. A storage area should be established. • The roads to the active areas had dust clouds generated when used by trucks. • The material storage yard had a significant amount of junk material removed. 	

Page 2 of 2, 6/27/22:

- Basin A and the westside drainage channel had debris in the dry sediment.
- There is no change in the slump that has been noted on the lined slope of slope of CC-4 Part 4B or 5.
- There was alluvial seep water entering the terminal basin coming from below the inlet channel concrete.
- The terminal basin had a significant amount of sediment with debris covering a lot of it.
- The construction of the new main access road had a significant amount of soil placed last month building the road.

Flare Operating Conditions:

- Flare 1 – 1636°F, 1736 SCFM
- Flare 3 – not operating
- Flare 9 – 1648°F, 4185 SCFM
- Flare 10 – down for maintenance
- Flare 11 – 1688°F, 4972 SCFM

The gas-to-energy plant was using 3,758 SCFM of recovered landfill gas. The total volume of recovered landfill gas was 14,651 SCFM.

FURTHER REVIEW NEEDED

COMMENTS

Signed: 