

Disposal Facility (Site) Inspection Report (52)
Chiquita Canyon Sanitary Landfill (19-AA-0052)
2/7/2024

Inspection Information

Inspected By: Los Angeles County **Local Inspection ID:**
Inspection Date: 2/7/2024 **Time In:**
Inspection Type: Periodic **Time Out:**
Inspector: Eric Morofuji **Inspection Duration:**
Operator: Chiquita Canyon, Inc.
Received By:
Also Present (Name):
Cruz, site supervisor

Facility/Activity Information

Enforcement Agency: County of Los Angeles **SWIS Number:** 19-AA-0052
Facility: **Chiquita Canyon Sanitary Landfill**
 29201 Henry Mayo Drive
 Castaic, CA 91384
Activity: Solid Waste Landfill
Operational Status: Active **Regulatory Status:** Permitted
Land Owners(s):
Chiquita Canyon, Inc.

The above facility was inspected for compliance with applicable sections of Division 30 of the Public Resources Code (PRC) and Title 14 and Title 27, California Code of Regulations (CCR).

Violations

27 CCR 20921 - Gas Monitoring and Control

Ensure that landfill gas generated on site is controlled not to exceed 5% by volume in air at the site's perimeter boundary.

During the carry-over inspection on 2/13/24, methane gas concentrations above 5% were not detected at monitoring wells GP-13 and monitoring well GP-15 was not accessible due to work activity. Other wells were monitored at the west slope area which resulted in zero % methane. (See attached LFG monitoring log sheet)

Daily monitoring by the operator of GP-13 and GP-15 since 8/1/23 and 9/14/23, respectively, shows that methane levels continue to fluctuate in and out of compliance.

Disposal Facility (Site) Inspection Report (52)
Chiquita Canyon Sanitary Landfill (19-AA-0052)
2/7/2024

Based on the overall monitoring record of GP-13 and GP-15, the LEA does not have reasonable assurance that the landfill gas concentration at the perimeter monitoring wells will continue to decrease and stabilize. The LEA issued a letter dated 2/6/24 requesting for a revised remediation plan. Operator submitted a revised remediation plan which is under review by LEA.

27 CCR 20750 - Site Maintenance

The operator shall implement a preventative maintenance program to monitor and promptly repair or correct deteriorated or defective conditions with respect to requirements of the CIWMB standards, and conditions established by the EA. All other aspects of the disposal site shall be kept in a state of reasonable repair.

Due to leachate outbreaks and stability issues with leachate saturated slope and waste, the issues with high temperatures, and landfill gas collection, excessive leachate production, and unusual and large-scale settlement, the LEA is requiring Chiquita Canyon Landfill (CCL) to complete 4 Mitigation Measures as recommended by CalRecycle based on document review and a site inspection on 11/2/23.

*For further details of the above required actions, please refer to previous LEA Inspection Reports and LEA approval letters.

RE: CHIQUITA CANYON LANDFILL (Swis No. 19-AA-0052) CalRecycle's Review of Conditions at the Landfill.

See comments below for updates to the 4 Mitigation Measures.

Areas of Concern

27 CCR 20820 - Drainage and Erosion Control

Properly maintain the slopes and ensure the drainage system is designed to:

1. ensure integrity of the roads, structures, and LFG CS.
2. prevent safety hazards.
3. prevent exposure of waste.

Disposal Facility (Site) Inspection Report (52)
Chiquita Canyon Sanitary Landfill (19-AA-0052)
2/7/2024

Observed heavy erosion on the slope of the reaction area. See comments below.

See photos attached.

Inspection Report Comments

FEBRUARY DISPOSAL FACILITY INSPECTION REPORT - 2/7/24 and carryover inspection dated 2/13/24

Chiquita Canyon Landfill (19-AA-0052)

29201 Henry Mayo Drive

Castaic, CA 91384

27 CCR 20750 - Site Maintenance

Updates to the 4 Mitigation Measures:

Mitigation Measure #1 - Reaction/Break Barrier

- #1A - Plan submittal - Due 2 weeks after the installation of the temperature probes.
- #1B - Temperature Probes – CCL provided weekly updates dated 2/8/24, 2/15/24 and 2/22/24 which commented on the rain events that caused delays on delivery of materials and temperature probe drilling. Due to inclement weather, the timeline schedule changed so LEA issued a letter dated 2/26/24 to provide an updated construction schedule.

Mitigation Measure #2 - Cover

- #2A - On 2/2/24, CCL provided a system and procedure to prevent the accumulation of landfill gas under the geomembrane cover in the event the LFG collection and control system loses vacuum or becomes inoperative due to power outage. On 2/2/24, CCL provided an installation update of the geomembrane cover that 2.7 acres at the northerly end of the western slope was covered and installed.
- #2B - LEA receives weekly reports to track soil and geomembrane cover conditions.

Disposal Facility (Site) Inspection Report (52)
Chiquita Canyon Sanitary Landfill (19-AA-0052)
2/7/2024

Mitigation Measure #3 - Slope Stability Analysis

- LEA received a report for the Slope Stability Analysis dated 2/22/24 which is currently in review.

Mitigation Measure #4 - Manufacturer Maximum Temperature Design Specifications

- Further action pending installation of temperature monitoring probes.

27 CCR 20820 - Drainage and Erosion Control

Observed large cracks on slope due to heavy erosion causing waste to be exposed. The slope is located in the reaction area facing the south-west direction. Provide an approved drainage control as a preventive measure. Use and apply approved methods and procedures to eliminate the erosion issue and to ensure waste is properly covered and not exposed.

The following was observed during the periodic inspection:

- Observed orchard fans used for odor mitigation measures at the western slope and at the working face.
- Observed misters used for odor control located on fence at the western slope.
- Spotters in place to control traffic at the haul roads and working face.
- Observed skim at the western slope that appeared to be in good condition. No leachate observed at time of inspection.
- Using mulch for erosion control for slopes throughout landfill
- LEA staff conducted gas monitoring at perimeter monitoring wells - GP-11, GP-12, GP-13, GP-14. GP-15 was not accessible due to work activities in the area (See attached LFG Monitoring log sheet).
- CCL continues to provide weekly probe readings which results in methane exceedance above 5% by volume for probes GP-13 and GP-15.
- LEA issued a comment letter dated 2/6/24 for CCL to submit a 3rd Revised Remediation Plan for methane exceedance to include requesting for maps and figures of current and proposed extraction wells specific to probes GP-13 and GP-15. CCL required to describe a plan of action to remediate the methane gas migration and to submit a time schedule for the plan. CCL submitted revised remediation plan on 2/26/2024 which is under review by LEA.
- Reviewed site records were satisfactorily maintained.
- A copy of the inspection report will be emailed to Steve Cassulo, Nicole Ward, and Amanda Froman.

SB1383: Short-lived Climate Pollutants (SCLP): Organic waste methane emissions

Disposal Facility (Site) Inspection Report (52)
Chiquita Canyon Sanitary Landfill (19-AA-0052)
2/7/2024

reductions. Effective January 1, 2022, the LEA is enforcing implementation and reporting requirements pursuant to SB1383.

Attachments

Methane monitoring log sheet
Photo logs