

Chiquita Canyon Landfill (Facility ID: 119219) Mitigation Measures from the Los Angeles County Local Enforcement Agency (LEA) and CalRecycle As of October 20, 2023			
Action No.	Key Action	Start Date/ Deadline	Completion Status
1	Repair cracks in the soil cover within 48 hours in and around the Reaction Settlement Area and any well showing signs of a reaction	N/A	Already implemented and Ongoing
2	Place and compact a minimum cover of 24 inches of low permeability soil in and around the Reaction Settlement Area	CCL to install geomembrane cover by mid-December 2023/expanded geomembrane cover by Q1 2024	CCL does not agree with this recommendation is an optimal choice because of the significant settlement in the Reaction Area
3	Install well boots seals on all wells in and adjacent to the Reaction Settlement Area	November 2023-January 2024	Will be implemented
4	Replace all PVC wells that have been damaged, blocked, pinched, or that have gas temperatures over 145°F with steel wells	N/A	Already implemented and Ongoing
5	Install additional steel wells in the Reaction Settlement Area and other areas where the gas extraction temperature exceeds 170°F	N/A	Already implemented and Ongoing
6	Once additional gas extraction capacity is installed, remove all oxygen HOVs for interior gas wells and operate gas extraction wells with less than 3 percent oxygen where feasible	1 month following completion of Flexible Membrane Liner/scrim installation	Will be implemented
7	Measure the leachate temperate at the liner level and all sumps	November 2023	Will be implemented
8	Sample the leachate for benzene and other volatile organic compounds	Q4 2024	Will be implemented
9	Install temperature monitoring devices in and around the Reaction Settlement Area and other areas where gas temperatures exceed 170°F or CO over 1000 ppm	CCL will continue to record wellhead temperatures and prepare maps with temperature exceedances.	CCL does not agree with this recommendation because installing these devices will allow for additional venting of LFG emissions and leachate, potentially increasing odor impacts
10	The landfill owner should review available internal manifests or other documents as far back as possible to ensure no reactive material was accepted at this landfill	December 8, 2023	Will be implemented
11	The landfill owner should hire an odor expert to determine which chemicals are causing the odor	N/A	Already implemented and Ongoing
12	Design and install a temporary geomembrane cover over the Reaction Settlement Area and other areas where gas temperatures have exceeded 170°F or CO over 1000 ppm	CCL to install geomembrane cover by mid-December 2023/expanded geomembrane cover by Q1 2024	Will be implemented
13	Consider installing remote telemetry technology to continuously collect and analyze landfill gas data at the collection wells	N/A	CCL already routinely takes temperature readings of the wells.
14	Consider utilizing a drone or land rover equipment with GPS, methane, and gas sensors to conduct daily instantaneous surface monitoring and provide real-time data throughout the Reaction Settlement Area and adjacent areas of concern	December 2023	Will be implemented
15	CCL should submit monthly figures and data showing the reaction area, CO level, and temperature data	N/A	Already implemented and Ongoing; will add CO concentration data in the November 20, 2023 report to the South Coast AQMD