
From: Nicole Ward
Sent: Friday, February 2, 2024 6:49 PM
To: khabaradas@ph.lacounty.gov
Cc: John Perkey; Steve Cassulo; Randal Bodnar; Dylan Smith; LFrias@ph.lacounty.gov; NQuick@ph.lacounty.gov; RRagland@ph.lacounty.gov; rjensen@fwhb.com; BMcphillips@counsel.lacounty.gov; ETHOMP@dpw.lacounty.gov; agarcia@planning.lacounty.gov; AHuynh@planning.lacounty.gov; Wes.Mindermann@CalRecycle.ca.gov; Vanessa.Aguila@arb.ca.gov; Jcheng@aqmd.gov; lisrael@aqmd.gov; Douglas.Cross@waterboards.ca.gov; KGork@ph.lacounty.gov; Todd.Thalhamer@CalRecycle.ca.gov; sota@ph.lacounty.gov; Jeff.Lindberg@arb.ca.gov; Berg.Thanne@epa.gov; janelle.heinzler@calrecycle.ca.gov
Subject: Chiquita Canyon Landfill – Geosynthetic Cover – Mitigation Measure #2A
Attachments: 2024-02-02 CCL Response to Cover Mitigation Measure 2A Conditions 1 and 2.pdf

[EXTERNAL SENDER: Use caution with links/attachments]

All,

Attached is Chiquita Canyon, LLC’s response to Conditions 1 and 2 from the LEA’s January 26, 2024 letter conditionally approving the updated workplan and installation schedule for the geosynthetic cover. Below is Chiquita’s weekly update on the status of the installation of the geosynthetic cover.

Over this past week, Chiquita installed approximately 2.7 acres of the 30-mil HDPE geomembrane cover on the northerly end of the western slope of the reaction area. A series of three surface slope collectors were installed below the geomembrane cover to prevent the accumulation of landfill gas under the cover. No surface preparation or liner installation is planned for next week due to the inclement weather forecast. Construction and installation will resume the week of February 12th, weather permitting.

We will continue to update the LEA weekly as construction and installation activities continue.

Respectfully,

Nicole Ward
Assistant District Manager
Chiquita Canyon Landfill
Office: (661) 257-3655
Cell; (661) 425-4619



February 2, 2024

Mr. Steve Cassulo
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Subject: Response to the Review and Conditions of Mitigation Measure #2A
Chiquita Canyon Landfill, Castaic, California

Dear Mr. Cassulo,

On behalf of Chiquita Canyon, LLC (Chiquita), SCS Engineers (SCS), hereby submits this letter to provide additional information to the County of Los Angeles (County), Solid Waste Local Enforcement Agency (LEA), regarding the cover option, Mitigation Measure #2A. On December 19, 2023 and in subsequent communication on December 20, 2023 and January 23, 2024, Chiquita provided a workplan with an installation schedule and details on cover installation and landfill gas (LFG) management underneath the cover. In a letter from the LEA to Chiquita dated January 26, 2024, the LEA approved the updated workplan, schedule, and landfill gas management details with the following conditions:

1. Provide a system and procedure to ensure that landfill gas (LFG) does not accumulate underneath the geomembrane cover in the event the LFG collection and control system is inoperative due to power outage. The system and procedure can include the use of a thermal oxidizer with its own power supply, as discussed on January 19, 2024.
2. Provide a system and procedure to prioritize LFG extraction from the reaction area over other areas of the landfill in order to prevent the accumulation of LFG under the geomembrane cover should the LFG collection and control system lose vacuum, as discussed on January 19, 2024.
3. Submit weekly updates to the LEA for the geomembrane cover installation which, is to commence in the week of January 28, 2024.
4. Complete the geomembrane cover installation by March 25, 2024 (8 weeks from the start date of January 29, 2024).

Chiquita will send weekly updates to the LEA for the geomembrane cover installation starting this week, as required by Condition 3, and agrees to the installation schedule in Condition 4, weather permitting.

In response to Condition 1, Chiquita has implemented the use of a portable thermal oxidizer (TOX) that utilizes generator power separate from the flare station. Additionally, Chiquita is in the process of installing permanent utility power to the TOX so that it will run off separate utility power with a generator backup in case of a power failure. Between the flare station and the separately powered TOX with generator backup, Chiquita can continue to collect LFG in the event of a failure at the flare station, which will prevent LFG from accumulating underneath the geomembrane cover.

In response to Condition 2, Chiquita has already installed additional LFG isolation valves on headers throughout the LFG collection system and has placed the TOX at the south end of the reaction area, allowing it to prioritize extraction from the reaction area and the surface collectors underneath the geomembrane cover. In the event of a failure of the LFG collection system, the LFG isolation valves can be shut so that the TOX only applies vacuum to the reaction area, and this vacuum can be controlled and directed to different portions of the reaction area. Additionally, in the event that the TOX is not operable, the LFG isolation valves can be shut to re-direct vacuum from the flare station to prioritize extraction from the reaction area.

If you have any questions regarding information contained in this submittal, please contact the undersigned at 858-524-9525.

Sincerely,



Bill Haley, P.E.
Project Director
SCS ENGINEERS



Srividhya Viswanathan, P.E.
Vice President
SCS ENGINEERS

cc:

Nicole Ward, Waste Connections
Steve Cassulo, Waste Connections
Amanda Froman, Waste Connections
Cornelius Fong, SCS Field Services
Robert Ragland, Los Angeles County Department of Public Health
Liza Frias, Los Angeles County Department of Public Health
Nichole Quick, M.D., Los Angeles County Department of Public Health
Shikari Nakagawa-Ota, Los Angeles County Department of Public Health
Karen Gork, Los Angeles County LEA
Renee Jensen, LEA Counsel
Blaine McPhillips, Senior Deputy County Counsel
Emiko Thompson, Los Angeles County Department of Public Works
Alex Garcia, Los Angeles County Department of Regional Planning
Ai-Viet Huynh, Los Angeles County Department of Regional Planning
Wes Mindermann, CalRecycle
Janelle Heinzler, CalRecycle
Jeff Lindberg, California Air Resources Board

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Vanessa Aguila, California Air Resources Board

Jack Cheng, South Coast Air Quality Management District

Larry Israel, South Coast Air Quality Management District

Douglas Cross, Los Angeles Regional Water Quality Control Board

Thanne Berg, United States Environmental Protection Agency