

Proposed Stipulated Modified Conditions, June 4 and 17, 2025 Status Hearing

South Coast AQMD v. Chiquita Canyon, LLC (Case No. 6177-4)

Condition No.	Stipulated Proposed Modification
8(c)	The integrated landfill surface sample analysis and landfill surface monitoring readings identified in Condition Nos. 9 and 10, in a Microsoft Excel spreadsheet format. The aerial surveillance maps, follow-up field inspection measurements with associated dates/times, cause of exceedances, any corrective actions performed, and documentation (date, time, reasoning) of field inspections not performed due to inaccessibility or dangerous conditions identified in Condition 77.
8(g)	All wellhead temperature, temperature probe, CO concentration measurements for those wells requiring analytical data, H2 concentration measurements for those wells requiring analytical data, CH4 measurements, O2 measurements, CO2 measurements, CH4:CO2 ratios, lab analysis, and Draeger tube readings for landfill gas from the past month in a Microsoft Excel spreadsheet format.
8(h)	A graphic map showing location of each well with temperature exceedances (above 145 degrees Fahrenheit), each well with CO exceedances (above 1,000 ppmv and less than or equal to 1,500 ppmv, above 1,500 ppmv and less than or equal to 2,000 ppmv, and above 2,000 ppmv), and stratification of temperature ranges during that month, which includes a description of any remedial measures taken to address or lower gas well temperatures or gas concentrations.
8(l)	An inspection and repair log for the landfill cover and geosynthetic cover inspections, pursuant to Condition No. 30 and any connection points, seams, and seals of the geosynthetic cover, pursuant to Condition No. 97.
9(b)	The Reaction Committee shall review applicable data to determine the extent and boundary of the ongoing Reaction. The Reaction Committee shall consider revision to this data determined Reaction boundary, and the Reaction Area as defined in Condition 9(a), as frequently as appropriate but shall make a determination about whether to revise the data determined Reaction boundary, and the Condition 9(a) Reaction Area map at least once per month. The determination shall be made according to landfill gas wellhead temperatures, temperature probe measurements, landfill gas quality and methane to CO2 ratio, landfill gas concentration of carbon monoxide and hydrogen, landfill settlement, leachate quantities, pressurized leachate releases, odor characteristics, and waste conditions according to borehole drilling logs. Supporting evidence, assumptions, and explanation for the determination, revised Reaction boundary, Reaction Area map (if applicable), isothermal gradient range map consisting of wellhead temperature measurements, wellhead carbon monoxide range map, wellhead hydrogen range map, wellhead CH4:CO2 ratio range map, quarterly landfill settlement isopach map, and vertical temperature profiles for temperature probes shall be submitted to the South Coast AQMD [attn: Baitong Chen,

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	<p>bchen@aqmd.gov; Nathaniel Dickel, ndickel@aqmd.gov; Christina Ojeda, cojeda@aqmd.gov] no later than 10 days following the end of the month. Each map specified above shall include an outline of the data determined reaction boundary. The carbon monoxide map shall include differentiated concentration ranges of < 500 ppmv, ≥ 500 and < 1,000 ppmv, ≥ 1,000 and < 1,500 ppmv, ≥ 1,500 and < 2,000 ppmv, and ≥ 2,000 ppmv. The hydrogen map shall include differentiated hydrogen concentration ranges of < 2%, ≥ 2 and < 5%, ≥ 5 and < 10%, and ≥ 10%. The CH₄:CO₂ map shall include differentiated ratios of < 0.5, ≥ 0.5 and < 0.9, ≥ 0.9 and < 1.1, ≥ 1.1 and < 1.5, and ≥ 1.5. The landfill settlement isopach map shall include a color scale to demonstrate severity of settlement and shall be updated at least once quarterly.</p>
30	<p>Respondent shall visually inspect the landfill cover and geosynthetic cover(s) in and around the Reaction Area (as defined in Condition No. 9(a)), and any additional geosynthetic cover installed on site, each operating day and shall promptly repair any cover issues identified, which may include adding and spreading of clean soil, wetting, retracking any damaged area, and repairing or resealing of the geosynthetic cover. Any repair of the geosynthetic cover which includes addition of material to add or replace to the existing cover shall be done using an EVOH, or, if EVOH is unavailable and repair is on or before three months from the date DTSC approves the EVOH, an HDPE geomembrane. The EVOH or HDPE geomembrane shall be of at least 60 mil thickness continuously seamed and continuously welded to the existing 30 mil HDPE geomembrane. All repair and correction actions to the landfill cover, and interim repair of geosynthetic cover shall be conducted promptly and no later than two hours after identification during inspection, safety permitting. Permanent repair of geosynthetic cover shall be scheduled immediately and shall take place as soon as possible following identification of cover issue. Respondent shall maintain a log demonstrating that it has addressed any damages to the landfill cover or geosynthetic cover, including the date the damage was identified, the action taken to repair the damage, and the time at which the repair was completed. Results of the daily inspection and the repair log required by this condition shall be included in the monthly reports required pursuant to Condition No. 8.</p>
98	<p>Respondent shall return for a status and modification hearing on October 22 and 23, 2025, or as soon thereafter as the Hearing Board can schedule a hearing.</p>
100	<p>The Hearing Board shall retain jurisdiction over this matter until <u>October 31, 2026</u> and at that time this Order shall no longer be of any force or effect, unless this Order is amended, modified, or dissolved before then.</p>