

**Action Items for South Coast Air Quality Management District**

**Case No. 6177-4 Stipulated Order for Abatement (modified on April 24, 2024)**

**Completed Actions**

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
1(f)	Designate an employee able to receive notifications related to odor surveillance results	9/7/2023	Completed
31	Submit completed design for the geosynthetic cover	9/12/2023	Completed
13	Connect 18 vertical dual extraction wells to the LFG system	9/15/2023	Completed
45	Install, maintain, and operate 1,000 feet or more of Semi-Permanent Vapor Odor Control in the Reaction Area	9/20/2023	Completed
1(a)	Contract with a trained third party to conduct odor surveillance	10/6/2023	Completed
12, 12(a)	Form the Reaction Committee	10/6/2023	Completed
12	Provide Reaction Committee member information to South Coast AQMD	10/6/2023	Completed
16	Submit permit modification application for LFG system	10/6/2023	Completed
19	Submit permit modification application for LFG condensate and leachate collection/storage system	10/6/2023	Completed
12(i)	Submit report on initial flux chamber study	10/31/2023	Completed
15	Notify South Coast AQMD of number of wells added to wellfield	10/31/2023	Completed
21	Submit permit application for Flare 4	10/31/2023	Completed
31	Notify South Coast AQMD on progress of procuring and installing cover	10/31/2023	Completed
44	Obtain and install onsite MET station in the Reaction Area	10/31/2023	Completed
17	Identify LFG wells with worst liquid impaction issues in the Reaction Area	11/3/2023	Completed
12(g)(iv)	Submit report on landfill best management practices	11/6/2023	Completed
20	Install and operate Flare 3; notify South Coast AQMD	11/24/2023	Completed: installed 11/15; notified 11/17
12(g)(iii)	Submit report on feasibility of continuous community emission monitoring system	12/1/2023	Completed
32	Submit report on air dispersion modeling	12/1/2023	Completed

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
18	Submit proposed Reaction Area dewatering guidelines	12/5/2023	Completed
12(g)(ii)	Submit report on investigation on landfill reaction cause and solutions to slow the reaction	12/8/2023	Completed
12(g)(iii)	Submit workplan for installation of continuous monitoring	12/31/2023	Completed
12(i)	Submit proposal for second flux chamber study	12/31/2023	Completed
12(g)(v)	Submit report on health risks of DMS	1/15/2024	Completed
32(b)	Submit proposal for additional air modeling study	1/15/2024	Completed
34	Provide South Coast AQMD with access to all real-time continuous monitoring data for TRS and TAC	1/19/2024	Completed
35	Provide South Coast AQMD all SOPs and QA/QC documents for air monitoring equipment	1/19/2024	Completed
41	Submit Rule 1150 Landfill Excavation Plan	1/30/2024	Completed
15(a)	Provide the design and installation schedule for 70 new wells and their associated piping	1/31/2024	Completed
36	Provide updates to South Coast AQMD on the installation of the continuous BTEX/VOC monitoring equipment	2/16/2024	Completed
37	Take at least 10 liquid samples from wells with pumps in the Reaction Area with the highest average temps to the extent possible and analyze per USEPA Method 624.1	3/5/2024	Completed
26	Prepare and submit to South Coast AQMD the Discharge of Pressurized Leachate Containment Feasibility Study	3/12/2024	Completed
50	Provide a workplan listing the actions Chiquita plans to take to address the reaction	3/13/2024	Completed
37	Submit the results to South Coast AQMD along with the lab analysis from the 10/20/23 sampling event	3/15/2024	Completed
17	Install dewatering sumps/pumps in at least 60% of vertical wells in the Reaction Area capable of extracting liquids; if infeasible, provide detailed rationale and reasoning in Condition 8 report and continue implementing dewatering guidelines	3/15/2024	Completed
36	Provide updates to South Coast AQMD on the installation of the continuous BTEX/VOC monitoring equipment	3/17/2024	Completed
12(i)	Conduct second flux chamber study	3/19-21/2024	Completed

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
67	Designate an Inspection Liaison	3/25/2024	Completed
64	Provide Leachate Management Plan submitted to EPA under UAO to South Coast AQMD	3/28/2024	Completed
12(a)(iv)	Add Reaction Committee member relating to public health	4/5/2024	Completed
18	Revise dewatering guidelines and resubmit for approval	4/4/2024	Completed
56	Conduct sampling and analysis of vapors in headspace of leachate tanks in #9 Top Deck Tank Farm	4/4/2024	Completed
15(b)(i)	Submit an updated design and installation schedule incorporating the additional wells under Condition 15(a) and (b) and their associated piping	4/18/2024	Completed
56	Submit report of headspace tank sampling and analysis parameters and lab results to South Coast AQMD	4/18/2024	Completed
66	Submit recommendations regarding installation of remote well pressure and temperature monitoring system	4/19/2024	Completed
34(a)	Ensure that weekly benzene and live H2S and methane data from the offsite monitors and/or 24-hour samples are posted on the webpage in graphical format with a dashed/dotted line for RELs	4/20/2024	Completed
57	Submit expedited permit modification application for Landfill Gas Condensate and Leachate Collection/Storage System to increase liquid storage capacity	4/22/2024	Completed
60	Submit expedited permit modification application for Landfill Gas Collection to include tie-in of the treatment system vapor vent lines	4/22/2024	Completed
63	Submit schematic of current leachate treatment and storage system to South Coast AQMD	4/22/2024	Completed
69 (old)	Submit workplan to restart leachate pumping to South Coast AQMD Hearing Board	4/22/2024	Completed
1(f)	Designate an employee in the Reaction Area and the working face area able to receive notifications related to odor surveillance results	4/25/2024	Completed
12(g)(i)	Submit report on study of treatment of DMS and preventative mechanisms for DMS formation	4/30/2024	Completed

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
34(c)	Retain a third party to develop an automatic electronic notification system for the community air monitoring	4/30/2024	Completed
36	Install and maintain continuous BTEX/VOC monitoring equipment at MS-10 and MS-12	5/1/2024	Completed
36	Develop a monitoring plan for the microGCs	5/1/2024	Completed
36(a)	Make continuous BTEX/VOC monitoring data available on Chiquita's Odor Mitigation webpage	5/1/2024	Completed
36(b)	Increase the number of 24-hour canister sampling and analysis for VOCs at MS-06 through MS-12 to 3 times per week	5/1/2024	Completed
32(c)	Revise air modeling study proposal and resubmit to South Coast AQMD	5/8/2024	Completed
72(b)	Submit source test protocol for vapor flow testing	5/17/2024	Completed
61	Submit expedited permit modification application for Landfill Gas Flare System (Flare Nos. 1 and 2) to include combustion vapor from treatment system	5/21/2024	Completed
62	Submit expedited permit modification application for Landfill Gas Flares System (Flare No. 3) to include combustion vapor from treatment system	5/21/2024	Completed
71	Submit a complete permit application for the landfill gas collection system under the geosynthetic cover	5/21/2024	Completed
73	Prepare an inventory of all internal combustion engine equipment rated greater than 50 HP onsite as of April 25, 2024	5/21/2024	Completed
34(c)	Third party must develop and install an automatic electronic notification system for the community air monitoring	5/30/2024	Completed
12(i)	Submit report on second flux chamber study	6/3/2024	Completed
58	Submit expedited permit modification application for Zeeco TOX	6/21/2024	Completed
59	Submit expedited permit modification application for Landfill Gas Condensate and Leachate Treatment System for hazardous waste treatment	6/21/2024	Completed
66	Finalize contracts to install and operate remote well pressure and temperature monitoring system	6/21/2024	Completed

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
12(g)(viii)	Conduct an investigation into piping materials and submit a report on the existing and future planned piping, including a recommendation of appropriate piping materials and replacement of existing piping materials	6/21/2024	Completed
12(g)(vii)	Develop a model to estimate the rate of liquid generation in the landfill and total quantity of liquid existing within the landfill waste mass at any given time and submit a report summarizing the model and results of the modeling	6/25/2024	Completed
70	Submit a report on current and projected landfill gas generation and flaring capacity	6/28/2024	Completed
73	Submit a permit application for internal combustion engine equipment rated greater than 50 HP that is not already permitted through SCAQMD	6/30/2024	Completed
15(b)(i)	Install 50% of wells necessary to achieve well installation density	7/1/2024	Completed
68	Install pressure gauges on each leachate tank	7/10/24	Completed
72(b)	Resubmit source test protocol for vapor flow testing	7/12/24	Completed
72(e)	Install flow meters within the HDPE piping headers for the leachate tanks	7/19/2024	Completed
12(g)(vi)	Prepare and submit to South Coast AQMD a report of the health impacts from ongoing and long-term exposure to H <sub>2</sub> S or other speciated sulfur compounds and other HAPs	8/1/2024	Completed

### Ongoing Actions

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
1	Conduct odor surveillance	9/7/2023; ongoing	Ongoing
1(e)	Maintain odor surveillance log	9/7/2023; ongoing	Ongoing
1(f)	Review and modify odor mitigation measures based on odor surveillance results, as appropriate	9/7/2023; ongoing	Ongoing
1(f)	Have trained employee(s) or contractor(s) re-perform odor surveillance following deployment of additional fresh trash odor mitigation to assess if trash odors have dissipated	4/25/2024; ongoing	Ongoing

Condition No.	Key Action	Start Date/Deadline	Status
2	Log odor surveillance notifications and actions taken in response	9/7/2023; ongoing	Ongoing
3	Expedite replacement of granular activated carbon media in LFG treatment system	9/7/2023; ongoing	Ongoing; see Condition 8 monthly reports
3	Ensure adequate stock of all odor control products and supplies are maintained on site	9/7/2023; ongoing	Ongoing
3(a)	Monitor and record landfill gas temperature at the inlet of the treatment system; temp must not exceed 145°F	1/18/2024; ongoing	Ongoing
4	Maximize LFG combustion in all flares to limit release of raw LFG	3/22/2024; ongoing	Ongoing
4	Prioritize Flare 2 and Flare 3 over Flare 1	9/7/2023; ongoing	Ongoing
5	Sample LFG sulfur compounds combusted using colorimetric tests for H <sub>2</sub> S	3/22/2024; weekly	Ongoing
5	Sample LFG sulfur compounds for total sulfur compounds as H <sub>2</sub> S using South Coast AQMD Method 307-91	3/22/2024; daily	Ongoing
5	Sample, analyze, and record LFG sulfur compounds and speciated organic compounds in the raw, pre-treatment and pre-control LFG from the Reaction Area for total sulfur compounds at H <sub>2</sub> S using SCAQMD Method 307-91 and for speciated organic compounds using EPA Method TO-15	3/22/2024; monthly	Ongoing
6	Maintain adequate stock of appropriately ranged colorimetric tubes	9/7/2023; ongoing	Ongoing
7(a), (b)	Measure the total amount of landfill gas combusted at the facility; measure the daily flow of landfill gas not flared	9/7/2023; ongoing	Ongoing; see Condition 8 monthly reports
8	Submit monthly written report to South Coast AQMD	9/30/2023; monthly	Ongoing; posted on Chiquita's website
9	Conduct integrated landfill surface sampling	9/20/2023; ongoing	Ongoing
9(b)	Review and revise Reaction Area	10/6/2023; ongoing	Ongoing
9(a)	Submit revised Reaction Area map and related documentation to South Coast AQMD	10/6/2023; monthly	Ongoing; posted on Chiquita's website
10	Conduct instantaneous landfill surface monitoring	9/13/2023; ongoing	Ongoing
11	Continue operating flares and treatment system despite exceedances of the TRS and SO <sub>x</sub> limits	9/7/2023; ongoing	Ongoing

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
11	Submit deviation reports in accordance with Title V permit to South Coast AQMD	1/18/2024; ongoing	Ongoing
12(f)	Host a monthly virtual meeting with all members of the Reaction Committee and South Coast AQMD technical staff	March 2024; monthly	Ongoing
12(f)(iv)	Following each Reaction Committee meeting, prepare meeting summary and post on webpage	March 2024; monthly	Ongoing; posted on Chiquita's website
12(h)	Post all expert reports on Odor Mitigation webpage	9/7/2023; ongoing	Ongoing; posted on Chiquita's website
13	Expand gas well system	9/7/2023; ongoing	Ongoing
13	Continue to operate the two sumps with pumps along the west slope; as new landfill gas wells are completed, begin operating them	3/22/2024; ongoing	Ongoing
14	Address wells with temps above 170 degrees Fahrenheit	9/7/2023; ongoing	Ongoing
14	Monitor each LFG system well for temperature at least monthly	9/7/2023; ongoing	Ongoing
14	Continue to operate all wells despite temp exceedances as necessary	9/7/2023; ongoing	Ongoing
14(a)	Ensure the operation of the collection system equipment does not result in the release of raw landfill gas or condensate into the atmosphere	1/18/2024; ongoing	Ongoing
14(b)	Report breakdowns or malfunctions of the collection system resulting in the emission of raw landfill gas within one hour after occurrence or within one hour of the time said person knew or reasonably should have known of its occurrence. Take immediate remedial measure to correct the breakdown or malfunction and prevent further emissions	1/18/2024; as needed	Ongoing
15	Add vertical dual extraction wells	9/7/2023; ongoing	Ongoing
15	Expand well-field	9/7/2023; ongoing	Ongoing
15	Document subsequent additions to the wellfield	9/7/2023; ongoing	Ongoing; see Condition 8 monthly reports
15(a)	Provide updates to the design and schedule for the 70 wells in Condition 8 reports	2/19/2024; ongoing	Ongoing; see Condition 8 monthly reports
15(c)	Notify South Coast AQMD which wells are scheduled to be installed the following week	1/18/2024; ongoing	Ongoing

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
15(e)	Use a landfill gas control box vented to an approved emissions control system while drilling a new well	1/18/2024; ongoing	Ongoing
15(f)	Complete and cap each well the same day its construction commences unless the well hole is completely covered or the subsequently installed pipe is capped	1/18/2024; ongoing	Ongoing
15(g)	Connect each well to an operating header or seal the ends of the well with blind flanges, glued or fused caps, or other approved seals as soon as the well is installed	1/18/2024; ongoing	Ongoing
15(h)	Properly cover and seal all openings and connections of the collection system in accordance with Title V permit and all applicable rules and regulations	1/18/2024; ongoing	Ongoing
15(i)	Install additional stainless steel, carbon steel, or CPVC wells in the Reaction Area	1/18/2024; ongoing	Ongoing
15(l)	Install well boots seals on all wells in Reaction Area	1/18/2024; ongoing	Ongoing
15(n)	All new vertical wells installed in the Reaction Area must be dual extraction wells	4/25/2024; ongoing	Ongoing
15(n)	For 75% of wells, install dewatering infrastructure within 30 days of completion of well drilling	4/25/2024; ongoing	Ongoing
15(n)	For 25% of wells, install dewatering infrastructure within 60 days of completion of well drilling	4/25/2024; ongoing	Ongoing
17, 17(a)	Expediently dewater wells to the maximum extent feasible; take proactive measure to remove additional liquids in the Reaction Area	3/22/2024; ongoing	Ongoing; see Condition 8 monthly reports
18	Implement proposed Reaction Area dewatering guidelines and implementation procedures	12/5/2023; ongoing	Ongoing
18	Implement revised dewatering guidelines to the maximum extent feasible	Within 7 days of approval of revised guidelines; ongoing	Ongoing
22	Continue using portable thermal oxidizer(s) until Reaction Committee concludes they are no longer needed; notify South Coast AQMD within 48 hours of determination	9/7/2023; ongoing	Ongoing
23	Continue using Flares 1 and 2 until Flare 4 is permitted and operational.	9/7/2023; ongoing	Ongoing



<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
24	Operate and maintain the landfill to prevent standing leachate and the pooling or ponding of leachate exposed to the atmosphere	1/18/2024; ongoing	Ongoing
24	If pooling or ponding of liquid/leachate occurs, immediately collect and contain it in a sealed tanker truck or leachate tank, or promptly perform repairs to redirect the leachate into the leachate collection system	1/18/2024; ongoing	Ongoing
25	When encountering a discharge of pressurized leachate, mitigate odors and the dispersion and exposure of leachate into the atmosphere to the maximum extent possible. Once the discharge of pressurized leachate ends, remove soil saturated with leachate or add dry soil cover	1/18/2024; ongoing	Ongoing
27(a)	Measure, record, and report on leachate temps within all the 6-inch pipes feeding into the onsite frac tanks and at the piping leading into all tank farms, including a map of the monitoring locations and the tanks/tank farms downstream of the monitoring locations	4/25/2024; ongoing	Ongoing; see Condition 8 monthly reports
27(b)	Conduct and document inspections for leachate seeps twice each calendar day	1/18/2024; ongoing	Ongoing; see Condition 8 monthly reports
27(c)	Compile and report the details of the inspection logs, including any ongoing leachate seepage and pooling	1/23/2024; weekly	Ongoing; see weekly leachate inspection reports
27(d)	Measure and record quantities of leachate sent offsite for disposal/ treatment	1/18/2024; ongoing	Ongoing; see Condition 8 monthly reports
27(d)	Submit copies of leachate manifests to South Coast AQMD within 3 weeks of request	1/18/2024; as requested	Ongoing
27(d)	If Chiquita begins onsite leachate treatment, record on a weekly basis quantities of leachate collected and treated onsite	1/18/2024; ongoing	Ongoing
28	Operate and maintain the landfill gas and liquids systems with materials capable of handling gases/liquids at the temps measured. Utilize casing materials for elevated temp wells as agreed upon with the LEA	1/18/2024; ongoing	Ongoing

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
28	Provide information pertaining to installed equipment and specifications to SCAQMD upon request	1/18/2024; ongoing	Ongoing
29	Ensure proper capacity to accumulate leachate onsite and/or dispose of it at appropriate facilities	3/22/2024; ongoing	Ongoing
30	Visually inspect landfill cover and geosynthetic cover in and around the Reaction Area; repair landfill cover and geosynthetic cover within 2 hours of identification, safety permitting, or schedule permanent repair of geosynthetic cover immediately and permanently repair as soon as possible; maintain log of cover repairs	4/25/2024; ongoing	Ongoing; see Condition 8 monthly reports
31	Notify South Coast AQMD on progress of procuring and installing cover	10/31/23; ongoing	Ongoing; see Condition 8 monthly reports
33	Expand and enhance current ambient air monitoring program pursuant to DPH's direction	9/7/2023; ongoing	Ongoing
33	Submit ambient air monitoring reports for DPH to South Coast AQMD	9/7/2023; as needed	Ongoing
34	Provide South Coast AQMD access to all real-time continuous monitoring data for TRS and TAC at enhanced monitors	Within 5 calendar days after enhanced monitors are brought online; ongoing	Ongoing
34(b)	Provide weekly data collected by the offsite monitors on Chiquita's Odor Mitigation webpage in downloadable format	2/16/2024; ongoing	Ongoing
34(b)(i)	Provide flags or other visual indicators of missing air monitoring or test data on the website and document the range of dates/times with missing or affected data and the reason for the missing or affected data	3/29/2024; ongoing	Ongoing
35	Provide updates to the QA/QC docs, a calibration log, and maintenance activities performed	1/18/2024; ongoing	Ongoing; see Condition 8 monthly reports
35(a)	Provide South Coast AQMD with the same access as Chiquita to onsite and offsite monitoring equipment	1/18/2024; ongoing	Ongoing
35(a)	Provide South Coast AQMD list of appropriate PPE within 24 hours of request	1/18/2024; ongoing	Ongoing

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
35(b)	Implement quality control measures as specified by South Coast AQMD within 30 days of notification	4/25/2024; as needed	Ongoing
38	Take at least one representative sample of liquids from the Reaction Area and one from the bottom tanks and analyze per USEPA Method 624.1 for VOCs and TACs	1/18/2024; monthly	Ongoing
38	Post leachate analytical results on website and provide to South Coast AQMD within 1 week of receipt from contract lab	1/18/2024; ongoing	Ongoing
39	Maintain Odor Mitigation webpage; update weekly	9/7/2023; weekly	Ongoing
39	Translate Odor Mitigation webpage and reports into Spanish; submit reports to translation service within 2 business days of posting on webpage and upload to webpage within 2 business days of receipt from translation service	4/25/2024; ongoing	Ongoing; posted on Chiquita's website
40	Host community information meetings monthly based on receipt of NOVs	9/14/2023; ongoing	Ongoing
42	Implement additional mitigation measures while conducting non-exempt Rule 1150 excavation activities until final approval of Rule 1150 landfill excavation plan	1/18/2024; as needed	Ongoing
42(a)	Notify South Coast AQMD at least two days before and within five days after completion of excavation activities while conducting non-exempt Rule 1150 excavation activities until final approval of Rule 1150 landfill excavation plan	1/18/2024; as needed	Ongoing
43	Maintain fresh trash odor mitigation measures during Unfavorable Wind Conditions	9/7/2023; ongoing	Ongoing
43(f)	If trash-based odors are detected during Condition 1(f) odor surveillance, deploy additional orchard fans to working face and surrounding area	4/25/2024; ongoing	Ongoing
43(f)	If trash-based odors are not reduced within 1 hour of deployment of additional fans, reduce working face by 25% of the day's total size	4/25/2024; ongoing	Ongoing
44	Maintain onsite MET station in the Reaction Area	10/31/2023; ongoing	Ongoing
45	Maintain and operate 1,000 feet or more of Semi-Permanent Vapor Odor Control in the Reaction Area	9/20/2023; ongoing	Ongoing

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
46, 47	Operate and maintain a landfill perimeter odor control misting system	9/7/2023; ongoing	Ongoing
50	Follow the direction of EPA to implement the Master Work Plan submitted to EPA under the Unilateral Administrative Order (UAO)	4/25/2024; ongoing	Ongoing
51	Permit South Coast AQMD personnel to conduct inspections deemed necessary, including sample collection	1/18/2024; ongoing	Ongoing
51	When South Coast AQMD observes uncontrolled liquid that may be leachate during an inspection, collect a sample within 24 hours, submit for expedited testing for VOCs, and submit test results within 24 hours of receipt of results (but no later than 96 hours after collection)	3/22/2024; ongoing	Ongoing
51	Provide South Coast AQMD with any updates to the Health and Safety Plan within 1 business day of updates going into effect	4/25/2024; ongoing	Ongoing
51(a)	To the extent required by the Health and Safety Plan, maintain onsite at least two 5-gas monitors for regulatory personnel to use	3/22/2024; ongoing	Ongoing
52	Host meetings between South Coast AQMD technical staff and Chiquita's technical consultants	1/18/2024; biweekly	Ongoing
53	Submit report on leachate tank numbers and quantities of liquid collected and treated	4/3/2024; weekly	Ongoing; posted on Chiquita's website
54	Collect, convey, and store flare condensate separate from leachate; no mixing of flare condensate and leachate	3/22/2024; ongoing	Ongoing
65	Provide South Coast AQMD with a summary of leachate dewatering pump installation activities	3/29/2024; weekly	Ongoing; posted on Chiquita's website
72(d)	Conduct pressure testing and monitoring within the HDPE headers venting the leachate tanks until pressure gauges are installed	4/29/2024; daily	Ongoing; see Condition 8 monthly reports
73	Submit a permit application for any internal combustion engine equipment rated greater than 50 HP brought onsite that does not already have a valid SCAQMD permit or for which a permit application was not submitted prior to 6/30/2024	6/30/2024; ongoing	Ongoing
68	Report daily pressure readings, pressure testing location, indication of the tank farm represented by the test results, and indication	7/10/2024; daily	Ongoing; see Condition 8 monthly reports

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	of each tank within the tank farm represented by the test results to South Coast AQMD		
72(e)	Report flow rate, flow meter location, related tank farm, and indication of each tank within the tank farm vented and represented in the flow rate to South Coast AQMD	7/19/2024; daily	Ongoing; see Condition 8 monthly reports
69	Inspect and monitor piping materials for buckling, rupturing, cracking, melting, liquid leaks, or other structural concerns; record monitoring activity and work performed to resolve any issues	7/19/2024; quarterly	Ongoing

#### Future Actions

Condition No.	Key Action	Start Date/Deadline	Status
32(c)	Submit final report on additional air modeling study	9/2/2024 or 90 days after South Coast AQMD approval of proposal, whichever is later	
15(b)(ii)	Install 75% of wells necessary to achieve well installation density	10/1/2024	
66	Install and operate remote well pressure and temperature monitoring system	10/22/2024	
15(b)	Install additional gas wells to achieve a vertical well density of an average of three operational wells per acre with at least two wells per acre	1/6/2025	
15(d)	Notify South Coast AQMD at least 1 week in advance when an additional well or set of wells and associated piping will be installed	Following installation of Condition 15(a) and (b) wells	
15(d)	Provide updates to the design and schedule for the additional wells	Following installation of Condition 15(a) and (b) wells	
15(j)	Replace any wells in the Reaction Area which are damaged, blocked, pinched, or have temps exceeding 145 degrees F	Following installation of Condition 15(a) and (b) wells; as needed	
15(j)	Notify South Coast AQMD of proposed installation schedule for replacement of damaged, blocked, pinched, or high temp wells	Following installation of Condition 15(a) and (b) wells; within 7 days of discovery	

<b>Condition No.</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
15(j)	Install replacement well within 7 days of notification; update South Coast AQMD every 7 days until installation is complete	Following installation of Condition 15(a) and (b) wells; within 7 days of notification	
70	Submit a complete permit application for the construction of new combustion/control equipment	1/7/2025	
69	Submit a recommendation as to modifying the frequency of piping monitoring	7/31/2025	
50	Submit monthly progress reports submitted to EPA under the UAO to South Coast AQMD	After EPA's approval of the Master Work Plan	
55	Conduct source testing and obtain South Coast AQMD approval prior to injection of flare condensate	Prior to injection of flare condensate	
55	If injection of flare condensate begins, maintain and submit records of condensate sampling/analysis and injection flows	If injection of flare condensate begins; monthly	
15(k)	Operate gas extraction wells with less than 3% oxygen and follow BMPs to keep oxygen below 5% in interior wells	Once additional/adequate gas extraction capacity is installed	
4	Once Flare 4 is in operation, prioritize Flare 3 and Flare 4 over Flare 1 and Flare 2	Once Flare 4 is in operation	
12	Provide new Reaction Committee member information to South Coast AQMD	As needed	
15(m)	Submit semi-annual as-built drawings in duplicate to South Coast AQMD	Semi-annually	
34(c)	Third party must put automatic electronic notification system for the community air monitoring into effect	Within 3 business days of direction from South Coast AQMD	
72(b)	Conduct source testing for vapor flow testing	Within 45 days of South Coast AQMD approval of protocol	
72(b)	Submit final source test report for vapor flow testing	Within 30 days of testing	
72(a)	Sample and analyze vapor flow in the piping used to vent the leachate tanks; submit results in monthly Condition 8 reports	Upon completion of source testing; quarterly	
72(c)	Submit a recommendation on additional vapor flow testing	Within 30 days of submission of the source test report	

**Milestones Required by the June 6, 2024 LEA Compliance Order**

<b>Milestone #</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
1A-1	Submit a revised air/soil break plan	July 8, 2024	Completed
1A-2	Submit a revised report with CO and H2 readings for all gas collection wells in the reaction area and wells 200 feet outside the reaction area	June 11, 2024	Completed
1A-3	Submit lab test results for all monthly LFG sampling (including CO and H2) from a set of LFG wells selected by the LEA	September 15, 2024; monthly by the 15th of the following month	In progress; first monthly report will be submitted by September 15, 2024
1B-1	Submit a revised Completion Report for the installation of the temperature monitoring probes	June 11, 2024	Completed
1B-2	Submit weekly temperature monitoring probe data reports	June 7, 2024; weekly, every Thursday	Ongoing
1B-3	Provide a temperature contour map showing color-coded observations based on the maximum observed temperature collected during the month	June 15, 2024; monthly by the 15th of the month	Ongoing
1B-4	Install three temperature probes around the area that is extending south into areas outside of the previously defined reaction area	July 11, 2024 – on hold pending discussions with the LEA	Under discussion with the LEA
2A-1	Install the 30-mil HDPE geosynthetic cover over the 30-acre reaction settlement area and around any wells showing signs of reaction	August 2, 2024 – pending completion of the west toe drain and scrim repair project	In progress; see weekly updates and related reports on Chiquita's website
2A-2	Provide weekly updates on the geosynthetic cover installation	June 14, 2024; weekly, every Friday	Ongoing
2B	Submit weekly cover reports tracking issues with the landfill soil and geosynthetic cover as well as settlement and stability concerns	Weekly, every Tuesday	Ongoing
3-1	Ensure slope stability issues are included in the weekly cover reports	Weekly, every Tuesday	Ongoing
3-2	Revise the slope stability analysis of the west and north slopes of the Landfill	Two weeks from the date of the LEA comment letter	Pending receipt of LEA comment letter
4-1	Install and operate an additional 107 LFG extraction wells as per approved	July 31, 2024	Completed

	February 26, 2024 Remediation Plan for LFG Exceedance		
4-1	Notify the LEA upon completion of installation and operation of additional 107 LFG extraction wells	July 31, 2024	Completed
4-1	Provide a final completion report for the 107 LFG wells	July 31, 2024	Completed
4-2	Submit weekly status updates on the installation of the LFG extraction wells	Weekly, every Wednesday	Ongoing
4-3	Submit weekly results of methane readings at wells GP-13 and GP-15	Weekly, every Wednesday	Ongoing
4-4	Demonstrate compliance with 27 CCR Section 20921 within the 120-day compliance period that begins after the completion of the planned LFG extraction well construction referred to in the February 2024 Remediation Plan	120 days after completion of the LFG extraction well installation and no later than November 28, 2024	In progress
5	Submit monthly report with maps showing defined reaction area, expansion of reaction area if any, weekly temperature monitoring probe data, settlement with heat maps, and LFG data including but not limited to CO and H2 data	September 15, 2024; monthly by the 15th of the following month	In progress; first monthly report will be submitted by September 15, 2024



**Work Required by EPA UAO**

**Completed Work**

<b>Paragraph #</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
94	Request a conference with EPA to discuss UAO or notify EPA that Chiquita intends to submit written comments or a statement of position in lieu of requesting a conference.	February 23, 2024	Completed
98	Notify EPA of Chiquita's intent to comply with UAO.	February 26, 2024	Completed
18	Designate a Project Coordinator responsible for administration of Work under UAO.	February 28, 2024	Completed
6	Provide a copy of UAO to all contractors, subcontractors, laboratories, and consultants that are retained to conduct or monitor any portion of the Work performed pursuant to UAO.	March 4, 2024	Completed
25	Develop and submit a Health and Safety Plan.	March 21, 2024	Completed
17	Notify EPA of the names, contact info, and qualifications of the contractors, subcontractors, consultants, and laboratories to be used in carrying out the Work.	March 27, 2024	Completed
76-79	Submit initial cost estimates.	April 26, 2024; updated July 2, 2024	Completed
22(c)(1)	Submit revised Leachate Management Plan (part of Master Work Plan).	May 4, 2024	Completed
22(c)(6)	Submit revised Air Monitoring Plan (part of Master Work Plan).	May 7, 2024; updated May 17, 2024	Completed
76-79	Submit revised cost estimate.	June 11, 2024	Completed
22(c)(2)	Submit revised Soil Reaction Break/Barrier Plan (part of Master Work Plan).	July 8, 2024	Completed
22(c)(3)	Submit revised Cover Installation Plan (part of Master Work Plan).	July 9, 2024	Completed
22(c)(5)	Submit revised Temperature Monitoring Plan (part of Master Work Plan).	July 17, 2024	Completed
30	Submit Data Management Plan.	July 17, 2024	Completed

Paragraph #	Key Action	Start Date/Deadline	Status
80-86	Submit proposed financial assurance documents.	July 30, 2024	Completed

### Ongoing Work

Paragraph #	Key Action	Start Date/Deadline	Status
6	Condition all contracts and agreements with contractors, subcontractors, laboratories, or consultants in connection with the UAO, on compliance with terms of the UAO. Ensure their compliance with UAO.	Ongoing	Ongoing
17	Submit a copy of each proposed contractor's QMP and demonstrate their compliance with ASQ/ANSI E4:2014.	Ongoing; extension requested	Ongoing
17	Notify EPA of any additional retained contractors or subcontractors.	At least 5 days prior to commencement of Work	As needed; ongoing
22(a)	Immediately store, transport leachate solid and/or hazardous waste in accordance with RCRA, 42 U.S.C. 6900, et seq., and associated regulations. All hazardous waste shall be disposed of at a TSD preapproved by EPA.	February 26, 2024; ongoing	Ongoing
22(b), (c)	Provide a Master Work Plan subject to EPA's approval, including the following plans: -Leachate Management Plan -Soil Reaction Break/Barrier Plan -Cover Installation Plan -Slope Stability Analysis work plan -Collection of temperature data in/around Reaction Area -Air Monitoring Plan -Off-Site Migration Prevention Plan	March 27, 2024	Submitted Plan; updating components of the Plan in response to EPA comments
24	Submit a Sampling and Analysis Plan subject to EPA's approval, including a Field Sampling Plan and Quality Assurance Project Plan.	March 27, 2024	Submitted Plan for EPA's approval
28	Prior to shipping hazardous substances, pollutants, or contaminants off site, obtain a prior determination from EPA and comply with RCRA and CERCLA requirements.	Prior to shipping hazardous substances, pollutants, or contaminants off site	As needed; ongoing

<b>Paragraph #</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
28	Provide written notice of out-of-state waste shipments to the appropriate state environmental official and to EPA. Notify state official and EPA of any major changes in shipment plan.	Prior to shipping waste material out of state	As needed; ongoing
28	Comply with the requirements of Paragraph 28(c) regarding shipment of Investigation Derived Waste off site.	Prior to shipping Investigation Derived Waste off-site	As needed; ongoing
39	Take all appropriate action to minimize emergency/threat.	In the event of an emergency or an action or occurrence that may present an immediate threat to human health and the environment	As needed; ongoing
39	Submit written notification of emergency/threat.	Within 3 days of discovery	As needed; ongoing
39	Submit and implement a plan to mitigate threat.	As needed	As needed; ongoing
40	Provide notification of a release that triggers release notification pursuant to CERCLA Section 103 or EPCRA Section 304 pursuant to Paragraph 40.	In the event of a release that triggers release notification pursuant to CERCLA or EPCRA	As needed; ongoing
41, 42	Use quality assurance, quality control, and other technical activities and chain of custody procedures for all samples. Ensure all laboratories meet the requirements of Paragraph 42 of the UAO.	Ongoing	Ongoing
49	All results of sampling, testing, modeling, or other data generated by Chiquita, or on Chiquita's behalf, must be validated by Chiquita and submitted to EPA promptly upon receipt.	Upon receipt of results	Ongoing
50	Notify EPA in advance of any sample collection activity.	Not less than 7 days prior to any sampling	Ongoing
59-62	Preserve all documents/information, including raw data, relating to the Work, or relating to any solid waste or hazardous waste found at the Site, for 5 years following termination of UAO.	February 26, 2024; ongoing	Ongoing
59-62	Acquire and retain copies of all documents that related to the Site that are in possession of Chiquita employees, agents, accountants, contractors, or attorneys.	February 26, 2024; ongoing	Ongoing

<b>Paragraph #</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
73	Secure insurance as required by the UAO. Provide EPA with certificates of such insurance and a copy of each insurance policy, naming EPA as an additional insured, prior to commencing Work and annually thereafter on February 26.	Ongoing/prior to commencing Work; annually	Ongoing
73, 75	Ensure that Chiquita and its contractors and subcontractors satisfy all applicable laws and regulations regarding the provision of employer's liability insurance and worker's compensation insurance for all persons performing Work.	February 26, 2024; ongoing	Ongoing
73, 75	Certify to EPA that Chiquita's contractors and subcontractors have obtained the required insurance.	Ongoing/prior to commencing Work	Ongoing
88	Notify EPA Project Coordinators of any delay or anticipated delay in performing any requirement of the UAO	Within 48 hours after Chiquita first knew or should have known of a delay	As needed; ongoing
88	Provide written notification of delay in accordance with Paragraph 88	Within 7 days after notifying EPA of delay	As needed; ongoing

#### **Future Work**

<b>Paragraph #</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
22(c)(1)	Submit second revised Leachate Management Plan	August 2, 2024	
80-86	Secure and submit all executed/finalized financial assurance mechanisms.	April 26, 2024, or 30 days after approval of financial assurance, whichever is later	
26	Submit monthly progress reports on actions undertaken pursuant to the UAO.	Monthly, concerning work undertaken pursuant to UAO from date of receipt of EPA approval of Master Work Plan	
53	Use best efforts to obtain all necessary access agreements.	As needed	
76-79	Submit revised cost estimates.	Annually and as needed	
80-86	Revise financial assurance and financial assurance mechanisms.	As needed	
27	Submit a final report summarizing actions taken to comply with UAO.	Within 15 days after completion of all Work required by UAO	
59-62	Notify EPA that documents and information are available for	After the end of the 5-year retention period and 90 days before any	

<b>Paragraph #</b>	<b>Key Action</b>	<b>Start Date/Deadline</b>	<b>Status</b>
	inspection and provide copies upon request.	documents or information is destroyed	