BEFORE THE HEAR	ING BOARD OF	THE
SOUTH COAST AIR QUALIT	Y MANAGEMEN	T DISTRICT
In The Matter Of	Case No. 6177-4	
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT,	DECLARATIO P.E., B.C.E.E.	N OF ROBERT DICK,
Petitioner,	-	y Code § 41700, and 2, 431.1, 3002, 203, 1150
vs. CHIQUITA CANYON, LLC a Delaware Corporation, [Facility ID No. 119219] Respondent.	Hearing Date: Hearing Time: Place:	June 4 and 17, 2025 9:30 A.M. Hearing Board South Coast Air Quality Management District, 21865 Copley Drive Diamond Bar, CA 91765
I, Robert Dick, declare as follows: 1. I am of sufficient age and am comp declaration based upon personal knowledge and a herein.		
Background and Experience	a alamatiana in Casa	No. 6177 4 Learning on the
2. As discussed in detail in my prior d Senior Vice President and Solid Waste Division I Engineers, Inc. ("SCS") and have worked with So professional engineer with over 35 years' experie projects related to solid waste management. My w landfills like the Chiquita Canyon Landfill (the "I LLC ("Chiquita") to provide expert consulting se temperature landfill ("ETLF") conditions current	Leader and Business CS for approximate ence on civil and en- work focuses largely Landfill"). I was ret	s Unit Director for SCS ly 35 years. I am a licensed vironmental engineering y on municipal solid waste ained by Chiquita Canyon, maging the elevated
resulting impacts, including odors and liquids.	1	

3. I serve on the Reaction Committee as the subject matter expert for chemical reaction(s) within landfills, which can result in atypical landfill conditions, such as heat accumulation, certain changes in landfill gas and leachate composition, distinct odors, accelerated settlement, formation of significant subsurface pressures, and elevated levels of hydrogen, dimethyl sulfide, and non-methane organic compounds.

4. This declaration is made for the status and modification hearing being held on June
4 and 17, 2025 on the Stipulated Order for Abatement in Case No. 6177-4 with the South Coast
Air Quality Management District ("South Coast AQMD"), most recently modified on April 16,
2025 ("Modified Stipulated Order").

Compliance with the April Modified Stipulated Order

5. The Modified Stipulated Order contains 101 conditions, many with multiple subparts, requiring Chiquita to take a wide range of actions designed to slow and stop the landfill reaction, and mitigate any impacts.

6. The chart attached hereto as **Attachment 1** lists conditions that I have been involved with at Chiquita, their requirements, and the current status of compliance.

7. Attached hereto as **Attachment 2** is a table summarizing the main reports prepared and submitted to South Coast AQMD pursuant to **Conditions 12, 26, 32, 83, and 96**, as well as other notable reports and updates prepared and submitted by the Reaction Committee pursuant to the Stipulated Order, their respective statuses, and the Reaction Committee member in charge of each report. Each report that has been submitted to South Coast AQMD has also been posted on Chiquita's Odor Mitigation website (https://chiquitacanyon.com/odor-mitigation/).

8. On January 31, 2025, pursuant to **Condition 66(a)(vi)**, SCS submitted the Proposal to Assess the Viability and Functionality of Landfill Gas Wellfield Automated Remote Monitoring System. The proposal, attached hereto as **Exhibit S**, presents the proposed activities planned to facilitate the assessment of the viability, functionality, and feasibility of the primary remote monitoring system ("RMS") components as well as a proposed schedule for such activities.

Reaction Area Determinations

9. As required by Condition 9 of the Stipulated Order, the Reaction Committee evaluates on a monthly basis the boundary of the reaction area and prepares a Reaction Area Determination Report with the determination, supporting evidence and assumptions, an explanation for the determination, and relevant data maps. True and correct copies of the Reaction Area Determination Reports submitted since the date of my last declaration are attached hereto as **Exhibits A through I.**

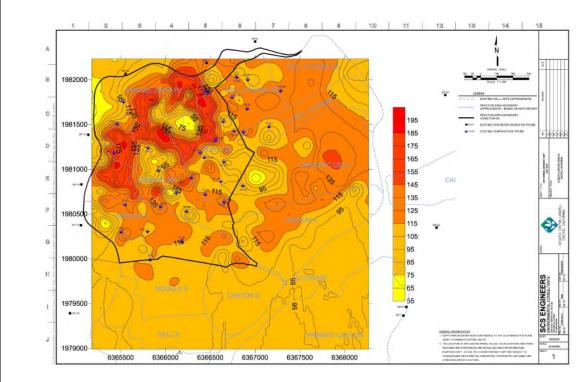
10. The Reaction Committee considers the data and parameters set forth in Condition 9(a) and 9(b) and other data and parameters as documented in the monthly determinations reports. The April 16, 2025 modification to Condition 9(b) memorialized the data and parameters that the Reaction Committee considers when making its determination. These data and parameters include:

12	a.	Landfill gas wellhead temperatures in excess of approximately 160 degrees
13		Fahrenheit;
14	b.	Poor gas quality (defined as methane levels of less than 30 percent) in conjunction
15		with methane-to-carbon dioxide ratios less than 1.0;
16	c.	The concentration of hydrogen in the landfill gas measured greater than 2 percent by
17		volume;
18	d.	The concentration of carbon monoxide in the landfill gas measured greater than
19		2,000 ppm;
20	e.	Accelerated settlement of the landfill surface, defined as approximately 18 inches or
21		greater within a 60-day period, and cracks in landfill cover. This corresponds to a
22		strain value (i.e., settlement rate) rate of 3 percent per year for areas with a 300-foot
23		waste column depth;
24	f.	First-hand observations of Landfill and/or SCS engineering, construction, and
25		operations and maintenance field personnel who are on-site related to:
26		i. Atypical excess leachate quantities (presence and quantity of liquids);
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	Сніqu	ITA CANYON, LLC [FACILITY ID NO. 119219] – DECLARATION OF ROBERT DICK, P.E., B.C.E.E.

1	ii. Instances of pressurized leachate emitting from the landfill surface, from
2	boreholes during drilling, and from landfill gas wells;
3	iii. The characteristics of the odors originating from select areas of the waste
4	footprint;
5	g. Observations of subsurface waste conditions and characteristics as noted on
6	borehole drilling logs for recently installed new wells and/or probes;
7	h. Subsurface temperatures recorded at the in-situ waste temperature probes;
8	i. Temperature of gas or liquids measured at depth within the landfill gas well riser
9	pipe; and
10	j. Subsurface temperature and pressures associated with drilling activities.
11	11. With respect to the in-situ waste temperature probes, since November 2024,
12	Chiquita has installed 12 additional probes, bringing the total number of such probes to 32. The
13	new in-situ temperature probes are depicted as red markings in the map below.
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26	12. In-situ waste temperature probes measure temperatures at specific depths within the
27	waste mass. At landfills experiencing an ETLF event, like Chiquita, it is expected to see maximum
28	temperatures near or slightly below the vertical midpoint of the landfill. At depths of more than
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	CHIQUITA CANYON, LLC [FACILITY ID NO. 119219] – DECLARATION OF ROBERT DICK, P.E., B.C.E.E.

100 feet, which is considered to be deep within the waste mass, it is common for ETLF landfills to reach temperatures of 250 degrees Fahrenheit or greater. However, when making monthly reaction area determinations, the Reaction Committee closely analyzes in-situ temperature measurements above 160 degrees Fahrenheit for signs that the organisms that break down waste during the standard decomposition process have become impeded (for example, poor gas quality).

13. In-situ waste temperature probe data are a separate dataset from landfill gas temperature data collected from wellheads. Wellheads measure gas temperatures at the point where the gas exits the Landfill. Wellhead temperature data is displayed in an isothermal gradient range map, like the image below taken from the May 9, 2025 Reaction Area Determination Report (**Exhibit I**).



14. This map can be read like a contour map; however, the lines represent temperatures, rather than elevations. The hotter areas are shown in red, while cooler temperatures are shown in yellow. As the above image shows, even within the Reaction Area there are areas where the wellheads show cooler temperatures, even some less than 75 degrees Fahrenheit.

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CHIQUITA CANYON, LLC [FACILITY ID NO. 119219] – DECLARATION OF ROBERT DICK, P.E., B.C.E.E.

Modifications to the Reaction Area Boundary

15. The monthly boundary determinations show that the ETLF conditions remain generally consistent with the initial delineation developed in October 2023. While the Reaction Committee adjusted the data-driven boundary (magenta line), it has not adjusted the Condition 9(a) Reaction Area boundary (black line). Recent changes to the data-driven boundary line are detailed below.

16. In December 2024, the Reaction Committee adjusted the data-driven boundary 130 feet to the southeast to exclude well CV-1901 and approximately 70 feet to the north to exclude well CV-2349. The Reaction Committee also adjusted the data-driven boundary approximately 50 feet to the southeast to include well CV-2475 and 20 feet to the east to include well CV-2449. The Reaction Committee's full analysis regarding its determination as well as a map of the revised boundary is set forth in Exhibit M.

17. In January 2025, the Reaction Committee also adjusted the data-driven boundary approximately 40 feet to the southeast to encompass well CV-2328 and adjusted the boundary 20 feet to the east to include well CV-2315. The Reaction Committee's full analysis regarding its determination as well as a map of the revised boundary is set forth in **Exhibit N**.

18. These expansions do not indicate that the reaction is worsening or that the mitigation efforts are ineffective; rather, the Reaction Committee simply decided that the data presented and reviewed warranted a change in the boundary determination.

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CHIQUITA CANYON, LLC [FACILITY ID NO. 119219] - DECLARATION OF ROBERT DICK, P.E., B.C.E.E.

1	I declare under penalty of perjury under the laws of the State of California that the foregoing is
2	true and correct to my personal knowledge.
3	Executed on May 30, 2025 in Powhatan, Virginia.
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5	Robert Z. Dule
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7	Robert Dick Senior Vice President
8	SCS Engineers
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	CHIQUITA CANYON, LLC [FACILITY ID NO. 119219] – DECLARATION OF ROBERT DICK, P.E., B.C.E.E.

	SOUTH COAST AIR QUALIT	Y MANA(GEMEN	T DISTRICT
In The Matter	r Of	Case No	. 6177-4	i
	ST AIR QUALITY NT DISTRICT,			Г 1 TO DECLARATION ICK, P.E., B.C.E.E.
	Petitioner,		-	y Code § 41700, and 2, 431.1, 3002, 203, 1150
CHIQUITA CA	vs. ANYON, LLC a Delaware	Hearing Hearing Place:	-	June 4 and 17, 2025 9:30 A.M. Hearing Board
[Facility ID No	o. 119219] Respondent.			South Coast Air Quality Management District, 21865 Copley Drive
				Diamond Bar, CA 91765
	STIPULATED ORDER	CONDITI	IONS C	HART
Condition	Summary of Requirement	nt(s)		Status
Condition No. 9(a), 9(b)	The Reaction Committee must re applicable data, make a determin	eview nation	submit	iance ongoing; most recentl ted on September 6, 2024,
No.	The Reaction Committee must re applicable data, make a determin about whether to revise the React map, and submit the determination supporting evidence and assumption	eview nation tion Area on, tions and	submitt Octobe Decem 2025, F	iance ongoing; most recentl ted on September 6, 2024, rr 7, 2024, November 7, 202 ber 10, 2024, January 10, February 10, 2025, March 1
No.	The Reaction Committee must re applicable data, make a determin about whether to revise the React map, and submit the determination supporting evidence and assumpt explanation for the determination Reaction Area map (if applicable isothermal gradient range map co	eview nation tion Area on, tions and n, revised e), onsisting	submitt Octobe Decemi 2025, F 2025, A 2025, T these d	iance ongoing; most recentl ted on September 6, 2024, or 7, 2024, November 7, 202 ber 10, 2024, January 10, February 10, 2025, March 19 April 10, 2025, and May 9, Frue and correct copies of eterminations are attached
No.	The Reaction Committee must re applicable data, make a determin about whether to revise the React map, and submit the determination supporting evidence and assumpt explanation for the determination Reaction Area map (if applicable isothermal gradient range map co of wellhead temperature measure wellhead carbon monoxide range and vertical temperature profiles	eview nation tion Area on, tions and n, revised e), onsisting ements, e map, for	submitt Octobe Decem 2025, F 2025, A 2025. T these d hereto a are pos Mitigat	iance ongoing; most recentl ted on September 6, 2024, or 7, 2024, November 7, 202 ber 10, 2024, January 10, February 10, 2025, March 14 April 10, 2025, and May 9, Frue and correct copies of eterminations are attached as Exhibits A through I and ted on Chiquita's Odor tion website
<u>No.</u> 9(a), 9(b)	The Reaction Committee must re applicable data, make a determin about whether to revise the React map, and submit the determination supporting evidence and assumpt explanation for the determination Reaction Area map (if applicable isothermal gradient range map co of wellhead temperature measure wellhead carbon monoxide range and vertical temperature profiles temperature probes at least once month.	eview nation tion Area on, tions and n, revised e), onsisting ements, e map, for per	submitt Octobe Decem 2025, F 2025, A 2025, T these d hereto a are pos Mitigat (https:// mitigat	iance ongoing; most recentl ted on September 6, 2024, or 7, 2024, November 7, 202 ber 10, 2024, January 10, February 10, 2025, March 10 April 10, 2025, and May 9, Frue and correct copies of eterminations are attached as Exhibits A through I an ted on Chiquita's Odor tion website <u>(chiquitacanyon.com/odor- ion/).</u>
No.	The Reaction Committee must re applicable data, make a determin about whether to revise the React map, and submit the determination supporting evidence and assumpt explanation for the determination Reaction Area map (if applicable isothermal gradient range map co of wellhead temperature measure wellhead carbon monoxide range and vertical temperature profiles temperature probes at least once	eview nation tion Area on, tions and n, revised e), onsisting ements, e map, for per eaction es and	submitt Octobe Decem 2025, F 2025, A 2025. T these d hereto a are pos Mitigat (https:// mitigat	iance ongoing; most recentl ted on September 6, 2024, or 7, 2024, November 7, 202 ber 10, 2024, January 10, February 10, 2025, March 1 April 10, 2025, and May 9, Frue and correct copies of eterminations are attached as Exhibits A through I and ted on Chiquita's Odor tion website <u>/chiquitacanyon.com/odor-</u>

Condition No.	Summary of Requirement(s)	Status
		November 20, 2024, December 18 2024, January 15, 2025, February 19, 2025, March 19, 2025, and Ma 21, 2025. No meeting was held in April because the timing of the meeting overlapped with the scheduled April 2025 hearing.
12(f)(i)	Provide proposed agendas 10 calendar days prior to the meeting.	Compliance ongoing; most recentl submitted on November 8, 2024, December 7, 2024, January 3, 202 February 7, 2025, March 7, 2025, and May 11, 2025.
12(f)(i)	Provide any tables, graphs, or documents 2 calendar days prior to the meeting.	Compliance ongoing; most recentl submitted on November 20, 2024, December 18, 2024, January 15, 2025, February 14, March 17, 202 and May 19, 2025.
12(f)(iv)	Post on Chiquita's Odor Mitigation website a summary of each meeting.	Compliance ongoing; most recentl posted on September 16, 2024, October 16, 2024, November 12, 2024, December 10, 2024, January 7, 2025, February 4, 2025, March 11, 2025, and April 8, 2025. True and correct copies of these summaries are attached hereto as Exhibits J through Q and are posted on Chiquita's Odor Mitigation website.
12(g)(ii)	Submit a report on the cause of the alleged chemical reaction(s) resulting in the elevated well temperatures, elevated levels of DMS formation in the landfill gas, and formation of elevated levels of non- methane organic compounds in the landfill gas, in addition to solutions to slow and stop the reaction(s) in the landfill.	Completed; submitted on December 8, 2023.
12(h)	Post on Chiquita's Odor Mitigation website all expert reports submitted pursuant to Condition 12.	Compliance ongoing; see Chiquita Odor Mitigation website.
39	Maintain and update regularly Chiquita's Odor Mitigation webpage.	Compliance ongoing; see Chiquita Odor Mitigation website.
40	Host a public one-hour community meeting to provide updates with regards to implementation of the Stipulated Order and post materials to the website each	Compliance ongoing; most recentl held on August 8, 2024, Septembe 12, 2024, October 10, 2024, November 7, 2024, December 12,
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calendar month following a month in which Chiquita receives three or more Rule 402 notices of violation from South Coast AQMD.2024, January 9, 2025, Februar 2025, March 6, 2025, April 24, 2025, and May 8, 2025. Meetin information is posted on Chiqu Odor Mitigation website.50Follow the direction of the Environmental Protection Agency ("EPA") to implement the Master Work Plan submitted to EPA under the Unlateral Administrative Order ("UAO").Compliance ongoing.66Install and operate a remote monitoring system in 20 wellheads, measuring the gas temperatures at each of the wells. Increase the monitoring frequency for temperatures and pressure at landfill gas collection wells within the Reaction Area to twice monthly.Installation completed; complia ongoing.66(a)(ii)Submit finalized contracts to install and operate the remote monitoring system.Completed; submitted on Septe 17, 2024 and posted on Chiqui Odor Mitigation website.66(a)(iii)Contact at least three reputable vendors for each remote monitoring system device and components that have identified issues/concerns and obtain proposed solutions and recovante documented in Condition 66(a)(ii)Completed; submitted on Octol 10, 2024 and posted on Chiquit Odor Mitigation website.66(a)(iv)Submit findings and solutions to issues documented in Condition 66(a)(ii), iii, including any inventory of vertical wells and temperature monitoring probe network infrastructure.Completed; submitted on Octol 30, 2024 and posted on Chiquit Odor Mitigation website.66(a)(v)Reaction Committee to submit its determination of the location for installation of the location for installation of the remote monitoring od	Condition No.	Summary of Requirement(s)	Status
50Follow the direction of the Environmental Protection Agency ("EPA") to implement the Master Work Plan submitted to EPA under the Unilateral Administrative Order 		which Chiquita receives three or more Rule 402 notices of violation from South	2024, January 9, 2025, February 6, 2025, March 6, 2025, April 24, 2025, and May 8, 2025. Meeting information is posted on Chiquita's Odor Mitigation website.
submitted to EPA in accordance with the UAO to South Coast AQMD.Installation completed; complia ongoing.66Install and operate a remote monitoring system in 20 wellheads, measuring the gas temperatures at each of the wells. Increase the monitoring frequency for temperature and pressure at landfill gas collection wells within the Reaction Area to twice monthly.Installation completed; complia ongoing.66(a)(i)Submit finalized contracts to install and operate the remote wellhead temperature monitoring system and relevant known information of the remote monitoring system.Completed; submitted on Septe 17, 2024 and posted on Chiquit Odor Mitigation website.66(a)(ii)Contact at least three reputable vendors 	50	Protection Agency ("EPA") to implement the Master Work Plan submitted to EPA under the Unilateral Administrative Order	
 system in 20 wellheads, measuring the gas temperatures at each of the wells. Increase the monitoring frequency for temperature and pressure at landfill gas collection wells within the Reaction Area to twice monthly. 66(a)(i), Submit finalized contracts to install and operate the remote wellhead temperature monitoring system and relevant known information of the remote monitoring system device and components that have identified issues/concerns and obtain proposed solutions and recommendations for each such concern. Submit the documented correspondence of the results of the communication. 66(a)(iv) 66(a)(iv) Submit findings and solutions to issues documented in Condition 66(a)(ii) and (iii), including any inventory of vertical wells and temperature monitoring probe network infrastructure. 66(a)(v) Reaction Committee to submit its determination of the remote monitoring installation of the remote monitoring communication. 		submitted to EPA in accordance with the	
temperature and pressure at landfill gas collection wells within the Reaction Area to twice monthly.Collection wells within the Reaction Area to twice monthly.66(a)(i) 66(a)(ii)Submit finalized contracts to install and operate the remote wellhead temperature monitoring system and relevant known 	66	system in 20 wellheads, measuring the gas temperatures at each of the wells.	Installation completed; compliance ongoing.
66(a)(i), 66(a)(ii)Submit finalized contracts to install and operate the remote wellhead temperature monitoring system and relevant known information of the remote monitoring system.Completed; submitted on Septer 17, 2024 and posted on Chiquit Odor Mitigation website.66(a)(iii)Contact at least three reputable vendors for each remote monitoring system device and components that have identified issues/concerns and obtain proposed solutions and recommendations for each such concern. Submit the documented correspondence of the results of the communication.Completed; submitted on Octol 11, 2024 and posted on Chiquit Odor Mitigation website.66(a)(iv)Submit findings and solutions to issues documented in Condition 66(a)(ii) and (iii), including any inventory of vertical wells and temperature monitoring probe network infrastructure.Completed; submitted on Octol 30, 2024 and posted on Chiquit Odor Mitigation website.66(a)(v)Reaction Committee to submit its determination of the location for installation of the remote monitoringCompleted; submitted on Octol 15, 2024 and posted on Chiquit Odor Mitigation website.		temperature and pressure at landfill gas collection wells within the Reaction Area	
66(a)(iii)Contact at least three reputable vendors for each remote monitoring system device and components that have identified issues/concerns and obtain proposed 		Submit finalized contracts to install and operate the remote wellhead temperature monitoring system and relevant known information of the remote monitoring	Completed; submitted on September 17, 2024 and posted on Chiquita's Odor Mitigation website.
 66(a)(iv) Submit findings and solutions to issues documented in Condition 66(a)(ii) and (iii), including any inventory of vertical wells and temperature monitoring probe network infrastructure. 66(a)(v) Reaction Committee to submit its determination of the location for installation of the remote monitoring Completed; submitted on Octol 30, 2024 and posted on Chiquit Odor Mitigation website. Completed; submitted on Octol 30, 2024 and posted on Chiquit Odor Mitigation website. 	66(a)(iii)	Contact at least three reputable vendors for each remote monitoring system device and components that have identified issues/concerns and obtain proposed solutions and recommendations for each such concern. Submit the documented correspondence of the results of the	Completed; submitted on October 11, 2024 and posted on Chiquita's Odor Mitigation website.
determination of the location for installation of the remote monitoring15, 2024 and posted on Chiquit Odor Mitigation website.	66(a)(iv)	Submit findings and solutions to issues documented in Condition 66(a)(ii) and (iii), including any inventory of vertical wells and temperature monitoring probe	Completed; submitted on October 30, 2024 and posted on Chiquita's Odor Mitigation website.
system equipment.	66(a)(v)	determination of the location for	Completed; submitted on October 15, 2024 and posted on Chiquita's Odor Mitigation website.
66(a)(v) Notify South Coast AQMD that the Completed; submitted on Dece	66(a)(v)	Notify South Coast AQMD that the remote monitoring system for temperature	Completed; submitted on December 24, 2024. A true and correct copy of

Condition No.	Summary of Requirement(s)	Status
	in at least 20 wellheads was installed and operational in the initial Reaction Area as defined by Condition 9(a).	the notification is attached hereto as Exhibit R and posted on Chiquita's Odor Mitigation website.
66(a)(vi)	Reaction Committee to submit a proposal to assess the viability and functionality of a remote monitoring system which measures temperature and pressure within a well with a pump located in the Reaction Area.	Completed; submitted on January 31, 2025. A true and correct copy of the proposal is attached hereto as Exhibit S and posted on Chiquita's Odor Mitigation website.
67	Designate an Inspection Liaison responsible for coordinating an exchange of information between Chiquita and South Coast AQMD.	Completed.
92	Submit any file(s) with a cumulative size larger than 35 MB via a shared link by email.	Compliance ongoing.
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	BEFORE THE HEAR	ING BOA	ARD OF 7	ГНЕ	
	SOUTH COAST AIR QUALIT	Y MANA	GEMEN	T DISTRICT	
In The Matte	er Of	Case N	lo. 6177-4		
	AST AIR QUALITY ENT DISTRICT,			F 2 TO DECL ICK, P.E., B.(
	Petitioner,		•	v Code § 41700 2, 431.1, 3002,	
	VS.			T 4 117	0.005
CHIQUITA (Corporation, [Facility ID N	CANYON, LLC a Delaware		ng Date: ng Time:	June 4 and 17 9:30 A.M. Hearing Boar South Coast A	ď
- ·	Respondent.			Management 21865 Copley Diamond Bar	District, y Drive
				Diamond Dai	, CA 91705
	CHART OF KEY REPORTS, INV	VESTIG	ATIONS,	AND STUDI	ES
Condition No.	Title		S	Status	Reactio Commit Membe
12(g)(i)	A report on known and possible m for effective treatment of dimethyl ("DMS") and preventative mechan for DMS formation in landfill gas.	l sulfide nisms	-	ed; submitted 30, 2024, ed.	Patrick Sullivan
12(g)(ii)	A report on the cause of the allege chemical reaction(s) resulting in the elevated well temperatures, elevated levels of DMS formation in the lan gas, and formation of elevated level non-methane organic compounds landfill gas, in addition to solution slow and stop the reaction(s) in the landfill.	ed ne ed ndfill els of in the us to	-	ed; submitted nber 8, 2023, ed.	Robert Di
12(g)(iii)	A report on the feasibility and ava of continuous community emission monitoring system to conduct com- monitoring and provide estimates concentrations at the facility fence and within the affected community	n tinuous of DMS line	-	ed; submitted nber 1, 2023, ed.	Patrick Sullivan

Condition No.	Title	Status	Reaction Committee Member
12(g)(iii)	A workplan for the installation of and	The DMS Committee	Patrick
	operation of the continuous community emission monitoring system for DMS	determined that continuous	Sullivan
	concentrations if monitoring is feasible.	monitoring is not feasible. Notified	
		South Coast AQMD on December 31, 2023, as required.	
12(g)(iv)	A report on landfill best management	Completed; submitted	Neal Bolton
	practices and alternative methods to minimize the release of fugitive surface	on November 6, 2023, as required.	
	gas and minimize odors from fugitive surface gas, including cover practices at the Beastion Area and working face, and		
	the Reaction Area and working face, and how best to address related odorous emissions		
12(g)(v)	A report on the known health risks from	Completed; submitted	Dr. Pablo
	acute and long-term exposure to DMS, including any action levels from other	on January 15, 2024, as required.	Sanchez- Soria
	public health or government entities, and including a summary of recommended		
	actions for persons exposed to DMS for acute and long-term durations.		
12(g)(vi)	A report on the health impacts from	Completed; submitted	Dr. Pablo
	ongoing and long-term exposure to hydrogen sulfide, or other speciated sulfur	on August 1, 2024, as required.	Sanchez- Soria & Dr.
	compounds, and any other hazardous air pollutants.		Richard Pleu
12(g)(vii)	A report on the development of a model to estimate the rate of liquid generation and	Completed; submitted on June 25 2024, as	Neal Bolton
	the total quantity of liquid existing within the landfill waste mass at any given time.	required.	
12(g)(viii)	An investigation into the existing landfill	Completed; submitted	Srividhya
	gas collection and conveyance piping materials, alternative landfill gas	on June 21, 2024, as required.	Viswanathar
	collection and conveyance piping materials, and current landfill conditions		
	to determine appropriate piping for the		
	current and expected future temperature conditions.		
12(i)	Submit a report documenting the findings of the initial flux chamber study conducted pursuant to the direction of the	Completed; submitted by October 31, 2023, as required.	Patrick Sullivan
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CHIQUITA CA	ANYON, LLC [FACILITY ID NO. 119219] – ATTACHMEN B.C.E.E.	IT 2 TO DECLARATION OF ROB	ert Dick, P.E.,

Condition No.	Title	Status	Reaction Committee Member
	Los Angeles County Department of Health.		
12(i)	Second flux chamber study to document results of the site-wide emission rates for compounds tested in Chiquita's flux chamber study events.	Completed; submitted by June 3, 2024, as required.	Patrick Sullivan
12(i)	Prepare a proposed protocol(s) for the flux chamber studies or use a previous flux study protocol, reviewed and approved by South Coast AQMD, if the proposed testing will follow all aspects of the prior approved protocol, with the exception of the testing/sampling locations onsite.	Compliance ongoing; submitted on December 29, 2023, as required.	Patrick Sullivan
12(i)	Conduct landfill gas flux study for, at a minimum, methane, non-methane organic compounds ("NMOC"), speciated	Compliance ongoing; most recently submitted on January	Patrick Sullivan
	hydrocarbons (C2-C12), toxic air contaminants ("TAC") analyzed by EPA	15, 2025 and May 15, 2025, as required.	
	Method TO-15 (including acrolein and additionally at least the ten highest		
	concentration tentatively identified compounds), total reduced sulfur ("TRS"), and speciated sulfur compounds		
	to determine the surface flux throughout the landfill starting with Quarter Four		
	2024 and once every four months thereafter. Submit reports detailing the		
	operational conditions, methodology, quantity of tests and locations, sampling		
	location determination, sampling results, data analysis, emission results, discussion		
	of the results, and comparison of previous flux chamber test results to the current results.		
26	A report on the feasibility of temporary containment measures for the purposes of	Completed; submitted on March 12, 2024, as	Neal Bolton
	controlling leachate and possible discharges of pressurized leachate when drilling additional holes for wells, liquid	required.	
	pumps, temperature devices, or other purposes.		
32, 32(a)	An air modeling report on odor and emission transport of odors from the landfill, including the identification of	Completed; submitted on December 1, 2023, as required.	Neal Bolton
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Condition No.	Title	Status	Reaction Committee Member
	effective techniques to remedy potential odor impacts on the nearby community, an evaluation of the efficacy of odor		
	control measures, and a recommendation on whether additional modeling is		
	recommended to fully address the current odor circumstances at the landfill and potential odor impacts on the nearby community.		
32(b)	A proposal for an additional air modeling study.	Completed; submitted on January 15, 2024, as required.	Neal Bolton
32(b)(ii), 32(c)	A revised air modeling study proposal according to the comments received from South Coast AQMD.	Completed; submitted on May 8, 2024, with a further revision submitted on May 16, 2024 as required.	Neal Bolton
32(c)	A final written report on the additional air modeling.	Completed; submitted on September 2, 2024, as required.	Neal Bolton
56	A report detailing the parameters with respect to the sampling and analysis of vapors in the headspace of leachate tanks located in the Top Deck Tank Farm and complete laboratory analysis results.	Completed; submitted on April 18, 2024; revised on April 24, 2024, as required.	Dr. Pablo Sanchez- Soria & Patrick Sullivan
70	A report on the landfill's current landfill gas generation and projected landfill gas generation for the next five calendar years.	Completed; submitted on June 28, 2024, as required.	Patrick Sullivan
72(b)	A source report detailing final results within 30 days of analyzing samples of vapor flow in the piping used to vent the leachate storage tanks and landfill gas condensate tanks and route the vapors to the landfill gas control system.	Completed; submitted on November 15, 2024, as required.	Patrick Sullivan
72(c)	Within 30 days of submission of the 72(b) report, submit a recommendation from the Reaction Committee on additional vapor flow testing to South Coast AQMD. The Reaction Committee may submit further recommendations within 30 days of	Completed; most recently submitted on December 13, 2024 and May 16, 2025.	Patrick Sullivan
	additional source testing under Condition 72.		
	4		
CHIQUITA CA	ANYON, LLC [FACILITY ID NO. 119219] – ATTACHMEN B.C.E.E.	NT 2 TO DECLARATION OF ROB	ERT DICK, P.E.,

Condition No.	Title	Status	Reaction Committee Member
83	Conduct a study and analysis and submit a report by March 31, 2025 of specific landfill operational events from June 1, 2024 through December 31, 2024 and their potential emission impacts to the	Completed; submitted on March 31, 2025, as required.	Patrick Sullivan
	surrounding community, as determined from an analysis of the air quality data recorded at monitoring stations MS-01 through MS-12.		
	The report must also include a proposed scope for a continuation of the study for		
	up to an additional 6 months, subject to review and approval by South Coast		
	AQMD. The continuation of the study must proceed upon written approval by the South Coast AQMD.		
84	Evaluate the installation of windbreaks and/or wind flow disrupters along the	Completed; submitted by November 15,	Neal Bolton
	western and northern borders of the facility, and/or ridgeline, such that there	2024, as required.	
	are not any distinguishable gaps in the border and/or ridgeline which may result		
	in an odor channeling affect into the Val Verde community, to enhance the dispersion of odors from the facility and		
	submit a report detailing the findings of the evaluation.		
96	Update the prior estimates of and submit an updated report on the landfill's current	Completed; submitted on April 30, 2025, as	Patrick Sullivan
	and projected landfill gas generation originally prepared pursuant to Condition 70.	required.	
	70.		
	5		
CHIQUITA CA	ANYON, LLC [FACILITY ID NO. 119219] – ATTACHMEN B.C.E.E.	T 2 TO DECLARATION OF ROB	ERT DICK, P.E.,