



# CHIQUITA CANYON

*A Waste Connections Company*

September 22, 2023

*Via E-Mail*

Mr. David Nguyen  
Los Angeles County Public Works  
900 S. Fremont Avenue  
Alhambra, CA 91803  
[dnguyen@pw.lacounty.gov](mailto:dnguyen@pw.lacounty.gov)

**Re: Chiquita Canyon Landfill – Second Supplemental CUP Condition No. 69 Report**

Dear Mr. Nguyen:

Condition 69 of Chiquita Canyon, LLC's ("Chiquita") Conditional Use Permit ("CUP") requires that, upon receiving four Notices of Violation ("NOVs") related to air quality in a given calendar year, Chiquita must submit a report to Los Angeles County Public Works ("PW") within 30 days after the fourth NOV, explaining the NOV and the steps taken to address it. Chiquita must also provide such a report within 30 days of receiving any additional air quality related NOVs within the same calendar year.

The South Coast Air Quality Management District ("South Coast AQMD") issued Chiquita NOVs for violations of South Coast AQMD Rule 402 and California Health & Safety Code § 41700, triggering Chiquita's obligation to provide a report under CUP Condition 69, which Chiquita submitted on July 27, 2023. On August 23, 2023, Chiquita submitted a supplemental report.

Since the submission of the August 23 report, the South Coast AQMD issued Chiquita twenty additional Rule 402 NOVs for violations alleged to have occurred in August and September 2023.

**South Coast AQMD NOVs – Explanation and Corrective Action**

A discussion of each NOV, along with corrective action taken by Chiquita in response to these NOVs, is provided below.

## **Explanation**

Each of the NOV's issued by South Coast AQMD made identical allegations. The NOV's are provided at Attachment A.<sup>1</sup> Each NOV was issued after a South Coast AQMD inspector verified complaints about odors alleged to be coming from the Chiquita Canyon Landfill ("Landfill").

The source of any odors coming from the Landfill is an increase in the production of landfill gas at the Landfill. This increase in landfill gas production is due to an abnormal biotic or abiotic process (a reaction) taking place within a portion of the Landfill waste mass. This reaction is producing higher than normal levels of dimethyl sulfide ("DMS"). DMS can be smelled at very low concentrations, even lower than the concentrations at which measurement instruments can detect it in the air. Preliminary information suggests that DMS may be present in the surrounding community at levels that allow people to smell it, but not at levels that can be detected by Chiquita's monitoring equipment, and not at levels that would cause adverse health impacts for the surrounding community.

The unexpected increase in landfill gas production is further exacerbating Chiquita's limited flaring capacity. The inability to adequately pull and process landfill gas from the system may also contribute to landfill gas-related odors by increasing unflared surface emissions. As discussed in more detail in the August 23 report, due to the unanticipated reaction, Chiquita and Ameresco together do not have sufficient capacity to pull and process the requisite amount of landfill gas from the system to decrease the reaction. When Ameresco is non-operational, Chiquita's processing capacity is at a greater deficit.

The reaction is also producing higher than normal amounts of liquids, which may also be contributing to the landfill gas-related odors. The liquids management system was designed in accordance with state standards for the amount of liquids expected for a landfill of this size in this area. However, because the Landfill is located in a semi-arid region, the Landfill was not designed to handle this volume of liquid.

## **Corrective Action**

Chiquita provided detailed descriptions of corrective actions taken to mitigate the reaction and any odors emanating from the Landfill in the July 27 and August 23 reports. Chiquita does not repeat information provided in the earlier reports, but continues to take all actions listed in the July 27 and August 23 reports. The corrective action described in this section includes only new measures taken since the last update.

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<sup>1</sup> The NOV numbers and date of the alleged violations are as follows: NOV P79000 (August 22, 2023), NOV P80501 (August 24, 2023), NOV P78282 (August 25, 2023), NOV P80504 (August 27, 2023), NOV P78283 (August 28, 2023), NOV P75289 (August 29, 2023), NOV P78287 (August 30, 2023), NOV P75290 (August 31, 2023), NOV P78288 (September 1, 2023), NOV P75746 (September 5, 2023), NOV P78022 (September 6, 2023), NOV P77660 (September 7, 2023), NOV P74032 (September 8, 2023), NOV P77661 (September 12, 2023), NOV P79251 (September 13, 2023), NOV P75747 (September 14, 2023), NOV P75985 (September 15, 2023), NOV P78024 (September 19, 2023), NOV P79056 (September 20, 2023), and NOV P80506 (September 21, 2023).

South Coast AQMD Stipulated Order for Abatement: On August 15, 2023, the South Coast AQMD petitioned its Hearing Board for an Order for Abatement to address the South Coast AQMD Rule 402 NOVs issued by South Coast AQMD inspectors as a result of the landfill reaction. South Coast AQMD “is the regulatory agency responsible for improving air quality for large areas of Los Angeles,” including the Landfill and its surrounding community.<sup>2</sup> After significant negotiation with South Coast AQMD staff and attorneys, Chiquita and South Coast AQMD submitted a proposed Stipulated Order for Abatement with forty conditions designed to address and abate the current odor issues. After a full-day hearing, the South Coast AQMD Hearing Board approved the Stipulated Order on September 6, 2023.

The Stipulated Order contains both short-term and long-term measures designed to slow the underlying reaction and mitigate the impacts felt in the community. It memorializes many of the mitigation measures that Chiquita was undertaking voluntarily, as described in the July 27 and August 23 reports. It also compels Chiquita to implement new measures and to continue studying the reaction, its potential impacts, and potential ways to mitigate the reaction and its potential impacts. A copy of this Stipulated Order is enclosed in Attachment B. A summary of the key mitigation measures required by this Stipulated Order is provided below:

- Chiquita is contracting with a third-party to conduct odor surveillance at thirty-two locations in the communities surrounding the Landfill twice each operating day.
- Chiquita is conducting surface sampling across the Reaction Area biweekly.<sup>3</sup>
- Chiquita is organizing a “DMS Committee” of experts who will undertake several investigations and studies, which will result in at least ten expert reports and other submittals. All expert reports and submittals will be posted on Chiquita’s webpage.
- Chiquita is working to increase its landfill gas control capacity by installing and operating a new permanent flare (Flare 3) once Chiquita receives the South Coast AQMD permit for the flare and receives the flare in good working condition from the manufacturer.
- Chiquita is in the process of applying for a second new permanent flare (Flare 4).
- Chiquita is continuing to expand the landfill gas well system as needed.
  - Chiquita connected eighteen new vertical wells to the gas collection system.

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<sup>2</sup> South Coast AQMD, *About South Coast AQMD*, <https://www.aqmd.gov/nav/about> (last visited Sept. 13, 2023).

<sup>3</sup> In accordance with Condition 9(a) of the Stipulated Order, the Reaction Area is initially being defined by the boundary of Cells 1/2A, 2B/3, 4, and Module 2B/3/4 P2. The Reaction Area may subsequently be modified by the DMS Committee based on their evaluation of the characteristics of an elevated temperature landfill: well temperatures, settlement, cracks in the landfill cover, presence and quantity of liquids, and the presence of hydrogen in the landfill gas.

- Chiquita is continuing to expand its liquids extraction and collection capabilities.
  - Chiquita is installing dewatering pumps or sumps at some of the wells with the worst liquids impaction issues in the Reaction Area.
  - Chiquita will prepare dewatering guidelines and implementation procedures for the Landfill.
- Chiquita is inspecting the landfill cover around the Reaction Area each operating day and is promptly repairing any issues identified.
- Chiquita designed a geosynthetic cover that will cover western portions of the Landfill to limit the migration of landfill gas from the site. Chiquita submitted the completed design for this cover to South Coast AQMD on September 12, 2023. Chiquita is procuring and installing this cover.
- Chiquita is maintaining on a weekly basis its Odor Mitigation webpage (<https://chiquitacanyon.com/reports/odor-mitigation/>).
- Chiquita will submit monthly reports to South Coast AQMD, containing much of the information and data gathered under the Stipulated Order as well as updates on the longer-term mitigation measures and landfill improvement projects required by the Stipulated Order. The monthly reports and all attachments will be posted on Chiquita's webpage.
- Chiquita is hosting public, one-hour community meetings each calendar month following a month in which Chiquita receives three or more South Coast AQMD Rule 402 NOVs. Meeting information and the Zoom link for each meeting are posted on Chiquita's webpage.

Additional flaring capacity: While not required by the Stipulated Order, Chiquita is also finalizing the acquisition of an additional portable thermal oxidizer ("TOX") that the Landfill may be able to use in the short-term to further increase control capacity. Chiquita anticipates bringing this TOX onsite in mid-October.

Distributing air filtration devices to local residents: As described in the August 23 report, Chiquita is continuing to provide in-home air filtration devices upon request to those community members closest to the Landfill and affected by odors. More information on this program can be found on Chiquita's webpage. As of the date of this letter, over 841 filters have been picked up by local residents or delivered to homes and another 437 filters have been requested.

Enhanced and expanded community air monitoring: At the direction of the Los Angeles County Department of Public Health ("DPH"), Chiquita has enhanced and expanded its current air monitoring program to include monitoring for DMS and other constituents in the community, sampling at residential locations where recent odor complaints have been reported, sampling at

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additional on-site locations, and conducting a flux chamber study. Chiquita is reporting all monitoring results to DPH. These data and reports can be found on Chiquita's webpage. The data for August 2023 was submitted to DPH on September 20, 2023, and is posted on Chiquita's webpage. The toxicologists from the Center for Toxicology and Environmental Health ("CTEH") are reviewing this data and will have an analysis that Chiquita can share on its webpage the week of September 25. For additional information on this expanded air monitoring, please see Chiquita's August 15 submission to DPH.

Please contact me should you have any questions about this report.

Sincerely,



Steve Cassulo  
District Manager  
Chiquita Canyon, LLC

Attachment: A – NOVs under Health & Safety Code § 41700 and South Coast AQMD Rule 402  
B – South Coast AQMD Stipulated Order for Abatement in Case No. 6177-4

cc: Karlo Manalo, Public Works  
Ai-Viet Huynh, Department of Regional Planning  
Alex Garcia, Department of Regional Planning  
Edgar De La Torre, Department of Regional Planning  
Eric Morofuji, Department of Public Health  
Mark Como, Department of Public Health

# Attachment A



# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
8	22	23

Facility Name: <b>CHIQUITA CANYON LANDFILL</b>		Facility ID#: <b>119219</b>	Sector: <b>VB</b>
Location Address: <b>29201 Henry Mayo Drive</b>		City: <b>Castaic</b>	Zip: <b>91384</b>
Mailing Address: <b>29201 Henry Mayo Drive</b>		City: <b>Castaic</b>	Zip: <b>91384</b>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<b>Rule 402</b>			<b>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.</b>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<b>California H&amp;S Code Sec 41700</b>			
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <b>Steve Cassulo</b>	Phone: <b>(661) 371-9214</b>	Served By: <b>Lawrence B. Israel</b>	Date Notice Served: <b>8-24-23</b>
Title: <b>District Manager</b>	Email: <b>steve.c@wasteconnections.com</b>	Phone No.: <input checked="" type="checkbox"/> 909-396-2370 <input type="checkbox"/> 310-233-	Email: <b>lisrael@aqmd.gov</b>

\*Key to Authority Abbreviations:

SCAQMD – South Coast Air Quality Management District  
CCR – California Code of Regulations

CH&SC – California Health and Safety Code  
CFR – Code of Federal Regulations

Method of Service: **By electronic Mail**  
 In Person }  Certified Mail



# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
8	24	23

Facility Name: <b>CHIQUITA CANYON LANDFILL</b>		Facility ID#: <b>119219</b>	Sector: <b>VB</b>
Location Address: <b>29201 Henry Mayo Drive</b>		City: <b>Castaic</b>	Zip: <b>91384</b>
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5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <b>Steve Cassulo</b>	Phone: (661) <b>371-9214</b>	Served By: <b>Lourence B. Israel</b>	Date Notice Served: <b>8-25-23</b>
Title: <b>District Manager</b>	Email: <b>stevec@wasteconnections.com</b>	Phone No: <input checked="" type="checkbox"/> 909-396-2370 <input type="checkbox"/> 310-233-	Email: <b>lisrael@aqmd.gov</b>

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**ORIGINAL**





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8	25	23

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Location Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castaic</i>	Zip: <i>91384</i>
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2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>41700</i>			<i>For discharging such quantities of air contaminants to cause injury detriment, nuisance, or annoyance to a considerable number of persons</i>
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
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5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <i>Steve Cassulo</i>	Phone: <i>661-3719214</i>	Served By: <i>Christina Ojeda</i>	Date Notice Served: <i>8-28-23</i>
Title: <i>district manager</i>	Email: <i>Steven.cassulo@wasteconnections.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-2475 <input type="checkbox"/> 310-233-	Email: <i>cojeda@aqmd.gov</i>

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DATE OF VIOLATION		
Month:	Day:	Year:
8	27	23

Facility Name: <b>CHIQUITA CANYON LANDFILL</b>		Facility ID#: <b>119219</b>	Sector: <b>VB</b>
Location Address: <b>29201 Henry Mayo Drive</b>		City: <b>Castaic</b>	Zip: <b>91384</b>
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2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	California H&S code sec 41700			
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5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <b>Steve Cassulo</b>	Phone: <b>(661) 371-9214</b>	Served By: <b>Laurance B. Israel</b>	Date Notice Served: <b>8-29-23</b>
Title: <b>District Manager</b>	Email: <b>Steve.Cassulo@wasteconnections.com</b>	Phone No: <input checked="" type="checkbox"/> 909-396-2370 <input type="checkbox"/> 310-233-	Email: <b>lisrael@aqmd.gov</b>

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**ORIGINAL**



# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
8	28	23

Facility Name: Chiquita Canyon Landfill		Facility ID#: 119219	Sector: VB
Location Address: 29201 Henry Mayo Dr		City: Castaic	Zip: 91384
Mailing Address: 29201 Henry Mayo Dr.		City: Castaic	Zip: 91384

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5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR			---	

Served To: Steve Cassulo	Phone: 661-371-9214	Served By: Christina Ojeda	Date Notice Served: 8-30-23
Title: district manager	Email: steven.cassulo@wasteconnections.com	Phone No: <input checked="" type="checkbox"/> 909-396-2475 <input type="checkbox"/> 310-233-	Email: cojeda@aqmd.gov

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Month:	Day:	Year:
8	29	2023

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5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <i>Steve Cassulo</i>	Phone: <i>661-371-9214</i> <del><i>818-362-2154</i></del>	Served By: <i>Gerardo Vergara</i>	Date Notice Served: <i>8/29/2023</i>
Title: <i>District Manager</i>	Email: <i>steven.cassulo@wasteconnections.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-2179 <input type="checkbox"/> 310-233-2179	Email: <i>gvergara@aqmd.gov</i>

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CH&SC – California Health and Safety Code CCR – California Code of Regulations CFR – Code of Federal Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
08	30	23

Facility Name: <i>Chiquita Canyon Landfill</i>		Facility ID#: <i>119219</i>	Sector: <i>VB</i>
Location Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castaic</i>	Zip: <i>91384</i>
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1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>402</i>			<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons</i>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>41700</i>			<i>For discharging such quantities of air contaminants to a cause injury, detriment, nuisance or annoyance to a considerable number of persons</i>
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <i>Steve Cassulo</i>	Phone: <i>661-371-9214</i>	Served By: <i>Christina Ojeda</i>	Date Notice Served: <i>8-31-23</i>
Title: <i>district manager</i>	Email: <i>Steven.cassulo@wasteconnections.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-2475 <input type="checkbox"/> 310-233-	Email: <i>cojeda@aqmd.gov</i>

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CCR – California Code of Regulations	CH&SC – California Health and Safety Code CFR – Code of Federal Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
8	31	23

Facility Name: <i>Chiquita Canyon Landfill</i>		Facility ID#: <i>119219</i>	Sector: <i>VB</i>
Location Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castaic</i>	Zip: <i>91384</i>
Mailing Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castaic</i>	Zip: <i>91384</i>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

## DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>402</i>			<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons</i>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>41700</i>			<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons</i>
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <i>Steve Cassulo</i>	Phone: <i>661-371-9214</i>	Served By: <i>Gerardo Vergara</i>	Date Notice Served: <i>8-31-23</i>
Title: <i>district manager</i>	Email: <i>steven.cassulo@wasteconnections.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-2179 <input type="checkbox"/> 310-233-	Email: <i>gvergara@aqmd.gov</i>

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CH&SC – California Health and Safety Code CCR – California Code of Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
09	01	23

Facility Name: Chiquita Canyon Landfill		Facility ID#: 119219	Sector: VB
Location Address: 29201 Henry Mayo Dr		City: Castaic	Zip: 91384
Mailing Address: 29201 Henry Mayo Dr.		City: Castaic	Zip: 91384

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	402		---	For discharging such quantities of air contaminants to cause injury, detriment, nuisance, or annoyance to a considerable number of persons
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	41700		---	
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR			---	
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR			---	
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR			---	

Served To: Steve Cassulo	Phone: 661-371-9214	Served By: Christina Ojeda	Date Notice Served: 9-1-23
Title: district manager	Email: steven.cassulo@wasteconnections.com	Phone No: <input checked="" type="checkbox"/> 909-396-2475 <input type="checkbox"/> 310-233-	Email: cojeda@aqmd.gov

*Key to Authority Abbreviations: SCAQMD - South Coast Air Quality Management District CCR - California Code of Regulations	CH&SC - California Health and Safety Code CFR - Code of Federal Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
09	05	2023

Facility Name: <i>Chiquita Canyon Landfill</i>		Facility ID#: <i>119219</i>	Sector: <i>VB</i>
Location Address: <i>29201 Henry Mayo Drive</i>		City: <i>Castaic</i>	Zip: <i>91384</i>
Mailing Address: <i>29201 Henry Mayo Drive</i>		City: <i>Castaic</i>	Zip: <i>91384</i>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>Rule 402</i>			<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.</i>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>California H15 Code Sec 41700</i>		<i>adhered to 9/14/23 (KW)</i>	<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.</i>
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <i>Steve Cassulo</i>	Phone: <i>(661) 371-9214</i>	Served By: <i>Karen Woullard</i>	Date Notice Served: <i>09/05/2023</i>
Title: <i>District Manager</i>	Email: <i>Steven.cassulo@westconnections.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-2285 <input type="checkbox"/> 310-233-	Email: <i>kwoullard@aqmd.gov</i>

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CH&SC – California Health and Safety Code CCR – California Code of Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input checked="" type="checkbox"/> Certified Mail
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*09/14/23*





# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
9	6	23

Facility Name: Chiquita Canyon Landfill		Facility ID#: 119219	Sector: VB
Location Address: 29201 Henry Mayo Drive		City: Castaic	Zip: 91384
Mailing Address: 29201 Henry Mayo Drive		City: Castaic	Zip: 91384

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

## DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	Rule 402			For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	Cal H&S Code 41700			"
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: Nick Wold, care of Steve Cassulo	Phone: 661-371-9214	Served By: Adam McAnetz	Date Notice Served: 9/6/23
Title: District Manager	Email: Steven.cassulo@wasterconnections.com	Phone No: <input checked="" type="checkbox"/> 909-396-2431 <input type="checkbox"/> 310-233-	Email: amcmetz2@aqmd.gov

\*Key to Authority Abbreviations:

SCAQMD – South Coast Air Quality Management District  
CH&SC – California Health and Safety Code  
CCR – California Code of Regulations

Method of Service:

In Person  Certified Mail



# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
09	07	2023

Facility Name: <b>CHIQUITA CANYON LANDFILL</b>		Facility ID#: <b>119219</b>	Sector: <b>VB</b>
Location Address: <b>29201 Henry Mayo Drive</b>		City: <b>Costa Mesa</b>	Zip: <b>91384</b>
Mailing Address: <b>29201 Henry Mayo Drive</b>		City: <b>Costa Mesa</b>	Zip: <b>91384</b>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<b>Rule 402</b>			<b>FOR DISCHARGING SUCH QUANTITIES OF AIR CONTAMINANTS TO CAUSE INJURY, DETRIMENT, ANNOYANCE OR AMBIVANCE TO A CONSIDERABLE NUMBER OF PERSONS.</b>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<b>California H/S Code Sec 41700</b>			
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <b>Steve Casola</b>	Phone: (661) <b>371-9214</b>	Served By: <b>Hugo Campos</b>	Date Notice Served: <b>09/07/2023</b>
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Title: <b>District Manager</b>	Email: <b>steve.ca@wasteconnections.com</b>	Phone No: <input checked="" type="checkbox"/> 909-396-2110 <input type="checkbox"/> 310-233-	Email: <b>hcampos@aqmd.gov</b>
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*Key to Authority Abbreviations: <b>SCAQMD</b> – South Coast Air Quality Management District <b>CCR</b> – California Code of Regulations <b>CH&amp;SC</b> – California Health and Safety Code <b>CFR</b> – Code of Federal Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
9	8	23

Facility Name: <i>Chiquita Canyon Landfill</i>		Facility ID#: <i>119719</i>	Sector: <i>VB</i>
Location Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castroville</i>	Zip: <i>91384</i>
Mailing Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castroville</i>	Zip: <i>91384</i>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

## DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>462</i>			<i>Discharging such quantities of Air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons</i>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>41700</i>			<i>Discharging such quantities of Air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons</i>
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <i>Steve Cassulo</i>	Phone: <i>661-371-9214</i>	Served By: <i>Aaron Auerhauer</i>	Date Notice Served: <i>9/8/23</i>
Title: <i>Product Manager</i>	Email: <i>steve.cassulo@watermanagement.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-7913 <input type="checkbox"/> 310-233-	Email: <i>aa@aqmd.gov</i>

\*Key to Authority Abbreviations:

SCAQMD – South Coast Air Quality Management District  
CCR – California Code of Regulations

CH&SC – California Health and Safety Code  
CFR – Code of Federal Regulations

Method of Service:

In Person       Certified Mail



# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
09	12	2023

Facility Name: CHIQUITA CANYON LANDFILL		Facility ID#: 119219	Sector: VB
Location Address: 29201 Henry Mayo Drive		City: CARBON	Zip: 91384
Mailing Address: 29201 Henry Mayo Drive		City: CARBON	Zip: 91384

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

## DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	Rule 402			FOR DISCHARGING SUCH QUANTITIES OF AIR CONTAMINANTS TO CAUSE INJURY, DETRIMENT, NUISANCE OR ANNOYANCE TO A CONSIDERABLE NUMBER OF PERSONS.
2	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	California H&S Code Sec 41700			
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: Steve Cassulo	Phone: (661)-371-9214	Served By: Hugo Campos	Date Notice Served: 09/12/2023
Title: District Manager	Email: steve.cd@wasteconnection.com	Phone No: <input type="checkbox"/> 909-396-2110 <input type="checkbox"/> 310-233-	Email: hcampos@aqmd.gov

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CH&SC – California Health and Safety Code CCR – California Code of Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
9	13	23

Facility Name: <i>Chiquita Canyon Landfill</i>		Facility ID#: <i>119219</i>	Sector: <i>VB</i>
Location Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castaic</i>	Zip: <i>91384</i>
Mailing Address: <i>29201 Henry Mayo Dr.</i>		City: <i>Castaic</i>	Zip: <i>91384</i>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>402</i>		---	<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.</i>
2	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>41700</i>		---	
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR			---	
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR			---	
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR			---	

Served To: <i>Steven Cassulo</i>	Phone: <i>661-371-9214</i>	Served By: <i>Herdee de la Cruz</i>	Date Notice Served: <i>9/13/23</i>
Title: <i>District Manager</i>	Email: <i>steven.cassulo@wasteconnection.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-2176 <input type="checkbox"/> 310-233-	Email: <i>hdelacruz@aqmd.gov</i>

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CCR – California Code of Regulations	CH&SC – California Health and Safety Code CFR – Code of Federal Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
09	14	2023

Facility Name: <i>Chiquita Canyon Landfill</i>		Facility ID#: <i>119219</i>	Sector: <i>VB</i>
Location Address: <i>29201 Henry Mayo Drive</i>		City: <i>Castaic</i>	Zip: <i>91384</i>
Mailing Address: <i>29201 Henry Mayo Drive</i>		City: <i>Castaic</i>	Zip: <i>91384</i>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>Rule 402</i>			<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.</i>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<i>41700</i>			<i>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.</i>
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <i>Steve Cassulo</i>	Phone: <i>(661) 371-9214</i>	Served By: <i>Karen Woullard</i>	Date Notice Served: <i>09/14/2023</i>
Title: <i>District Manager</i>	Email: <i>steve.cassulo@wasteconnections.com</i>	Phone No: <input checked="" type="checkbox"/> 909-396-2285 <input type="checkbox"/> 310-233-	Email: <i>kwoullard @ aqmd.gov</i>

\*Key to Authority Abbreviations:

SCAQMD – South Coast Air Quality Management District  
CH&SC – California Health and Safety Code  
CCR – California Code of Regulations  
CFR – Code of Federal Regulations

Method of Service:

In Person       Certified Mail



# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
09	15	23

Facility Name: Chiquita Canyon Landfill		Facility ID#: 119219	Sector: VB
Location Address: 29201 Henry Mayo Drive		City: Castaic	Zip: 91384
Mailing Address: 29201 Henry Mayo Drive		City: castaic	Zip: 91384

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

## DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	Rule 402			FOR discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	CH&S Code 41700			
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: Steve Cassula	Phone: 616-371-9214	Served By: Daniel Woo	Date Notice Served: 9/15/23
Title: District Manager	Email: steveca@wasteconnections.com	Phone No: <input checked="" type="checkbox"/> 909-396-2433 <input type="checkbox"/> 310-233-	Email: Dwoo@aqmd.gov

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CH&SC – California Health and Safety Code CCR – California Code of Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
9	19	23

Facility Name: Chiquita Canyon Landfill		Facility ID#: 119219	Sector: VB
Location Address: 29201 Henry Mayo Drive		City: Costa Rica	Zip: 91384
Mailing Address: 29201 Henry Mayo Drive		City: Costa Rica	Zip: 91384

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	rule 402			for discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	Cal H&S Code 41700			//
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: Nick Ward Care of Steve Cassulo	Phone: 661-371-9214	Served By: Adam Martinez	Date Notice Served: 9/19/23
Title: District Manager	Email: Steven.Cassulo@wasteconnections.com	Phone No: <input checked="" type="checkbox"/> 909-396-2431 <input type="checkbox"/> 310-233-	Email: amartinez2 @ aqmd.gov

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CH&SC – California Health and Safety Code CCR – California Code of Regulations	Method of Service: <input type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
09	20	2023

Facility Name: CHIUQUITA CANYON LANDFILL		Facility ID#: 119219	Sector: VB
Location Address: 29201 HENRY MAYO DRIVE		City: CASTAIC	Zip: 91384
Mailing Address: 29201 HENRY MAYO DRIVE		City: CASTAIC	Zip: 91384

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

## DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	RULE 402			FOR DISCHARGING SUCH QUANTITIES OF AIR CONTAMINANTS TO CAUSE INJURY, DETRIMENT, NUISANCE OR ANNOYANCE TO A CONSIDERABLE NUMBER OF PERSONS.
2	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	CAL HAS CODE A1700			
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: STEVE CASSULO	Phone: 661-371-9214	Served By: DANIEL DEL ROSARIO	Date Notice Served: 09-20-2023
Title: DISTRICT MANAGER	Email: STEVEN.CASSULO@WASTECONNECTIONS.COM	Phone No: <input checked="" type="checkbox"/> 909-396-2062 <input type="checkbox"/> 310-233-	Email: DDELROSARIO@aqmd.gov

*Key to Authority Abbreviations: SCAQMD – South Coast Air Quality Management District CCR – California Code of Regulations	CH&SC – California Health and Safety Code CFR – Code of Federal Regulations	Method of Service: <input checked="" type="checkbox"/> In Person <input type="checkbox"/> Certified Mail
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# NOTICE OF VIOLATION

DATE OF VIOLATION		
Month:	Day:	Year:
9	21	23

Facility Name: <b>CHIQUITA CANYON LANDFILL</b>		Facility ID#: <b>119219</b>	Sector: <b>VB</b>
Location Address: <b>29201 Henry Mayo Drive</b>		City: <b>Castaic</b>	Zip: <b>91384</b>
Mailing Address: <b>29201 Henry Mayo Drive</b>		City: <b>Castaic</b>	Zip: <b>91384</b>

YOU ARE HEREBY NOTIFIED THAT YOU HAVE BEEN CITED FOR ONE OR MORE VIOLATIONS OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) RULES, STATE LAW OR FEDERAL LAW. IF PROVEN, SUCH VIOLATION(S) MAY RESULT IN THE IMPOSITION OF CIVIL OR CRIMINAL PENALTIES.

EACH DAY A VIOLATION OCCURS MAY BE HANDLED AS A SEPARATE OFFENSE REGARDLESS OF WHETHER OR NOT ADDITIONAL NOTICES OF VIOLATION ARE ISSUED.

### DESCRIPTION OF VIOLATIONS

#	Authority*	Code Section or Rule No.	SCAQMD Permit to Operate or CARB Registration No.	Condition No. (If Applicable)	Description of Violation
1	<input checked="" type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<b>Rule 402</b>			<b>For discharging such quantities of air contaminants to cause injury, detriment, nuisance or annoyance to a considerable number of persons.</b>
2	<input type="checkbox"/> SCAQMD <input checked="" type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR	<b>California H&amp;S Code Sec 41700</b>			
3	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
4	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				
5	<input type="checkbox"/> SCAQMD <input type="checkbox"/> CH&SC <input type="checkbox"/> CCR <input type="checkbox"/> CFR				

Served To: <b>Steve Cassulo</b>	Phone: <b>(661) 371-9214</b>	Served By: <b>Lawrence B. Israel</b>	Date Notice Served: <b>9-22-23</b>
Title: <b>District Manager</b>	Email: <b>stevec@wastecomelutions.com</b>	Phone No: <input checked="" type="checkbox"/> 909-396-2370 <input type="checkbox"/> 310-233-	Email: <b>@aqmd.gov</b>

\*Key to Authority Abbreviations:

SCAQMD – South Coast Air Quality Management District  
CH&SC – California Health and Safety Code  
CCR – California Code of Regulations

Method of Service: **By electronic Mail**  
 In Person **4**  Certified Mail

# Attachment B

1  
2  
3 **BEFORE THE HEARING BOARD OF THE**  
4 **SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

5 **In The Matter Of**

**Case No. 6177-4**

6 SOUTH COAST AIR QUALITY  
7 MANAGEMENT DISTRICT,

8 Petitioner,

**FINDINGS AND DECISION FOR A  
STIPULATED ORDER FOR  
ABATEMENT**

9 vs.

10 CHIQUITA CANYON, LLC a Delaware  
11 Corporation,  
12 [Facility ID No. 119219]

District Rule 402 and Health and Safety Code  
§ 41700 \_\_\_\_\_

13 Respondent.

Hearing Date: September 6, 2023  
Time: 9:00 am  
Place: Hearing Board  
South Coast Air Quality  
Management District  
21865 Copley Drive  
Diamond Bar, CA 91765

14  
15  
16 On September 6, 2023, a hearing on a Stipulated Order for Abatement was held pursuant to  
17 notice in accordance with the provisions of California Health and Safety Code §§ 40823 and  
18 42451(a) and District Rule 812. The following members of the Hearing Board were present: Cynthia  
19 Verdugo-Peralta, Chair; Jerry P. Abraham, MD, MPH, CMQ, Alternate; Micah Ali; Mohan  
20 Balagopalan; and Adrienne Konigar Macklin, Esq., Alternate. Petitioner South Coast Air Quality  
21 Management District ("South Coast AQMD") was represented by Kathryn Roberts, Senior Deputy  
22 District Counsel and Mary Reichert, Senior Deputy District Counsel. Respondent Chiquita Canyon,  
23 LLC, was represented by Jacob P. Duginski, attorney at law, and Megan L. Morgan, attorney at law,  
24 of Beveridge & Diamond, P.C. South Coast AQMD and Respondent presented a proposed Stipulated  
25 Order for Abatement. The public was given the opportunity to testify, evidence was received, and  
26 the matter was submitted. The Hearing Board finds and decides as follows:  
27  
28

1 **FINDINGS OF FACT**

2 1. South Coast AQMD is a body corporate and politic established and existing pursuant  
3 to Health and Safety Code §§ 40000, *et seq.* and §§ 40400, *et seq.*, and is the sole and exclusive local  
4 agency with the responsibility for comprehensive air pollution control in the South Coast Basin.

5 2. Respondent operates a landfill/solid waste disposal facility known as Chiquita  
6 Canyon Landfill (“CCL”) located at 29201 Henry Mayo Dr., Castaic, California, 91384, South Coast  
7 AQMD Facility ID No. 119219. Respondent operates within the South Coast AQMD’s jurisdiction  
8 and is subject to the South Coast AQMD’s rules. The landfill/solid waste disposal site has a footprint  
9 of approximately 400 acres pursuant to a Conditional Use Permit issued by the County of Los  
10 Angeles. CCL was first approved for waste disposal in 1967. The property has been in use as a  
11 landfill since 1972. The property has continued as a landfill under a series of Conditional Use Permits  
12 from Los Angeles County. Chiquita was most recently granted a renewed Conditional Use Permit  
13 in 2017 to allow continued operations. Under its current use permit, CCL is allowed to accept an  
14 average of 6,616 tons per day (“TPD”) of solid waste between the hours of 4:00am to 5:00pm  
15 Monday through Saturday. CCL may also accept green waste and beneficial reuse materials. CCL  
16 may accept a maximum of 2,800,000 tons per year of solid waste and beneficial reuse material  
17 combined.

18 3. **South Coast AQMD Rule 402 and California Health and Safety Code (“H&S**  
19 **Code”) Section 41700** prohibit the discharge, from any source whatsoever, such quantities of air  
20 contaminants or other material which causes injury, detriment, nuisance, or annoyance to any  
21 considerable number of persons or the public, or which cause, or have the natural tendency to cause,  
22 injury or damage to business or property.

23 4. **South Coast AQMD Rule 102 and H&S Code Section 39013** define “air  
24 contaminant,” including as used in Rule 402 and Section 41700, as “any discharge, release, or other  
25 propagation into the atmosphere directly or indirectly caused by man and includes, but is not limited  
26 to, smoke, charred paper, dust, soot, grime, carbon, fumes, gases, odors, particulate matters, acids or  
27 any combination thereof.”

28 5. **South Coast AQMD Rule 431.1(c)(2)** prohibits burning, in any equipment requiring

1 a permit to operate, landfill gas with sulfur compounds of greater than 150 parts per million by  
2 volume (“ppmv”) calculated as hydrogen sulfide (“H<sub>2</sub>S”) averaged daily.

3 6. **South Coast AQMD Rule 3002(c)(1)** requires operators to operate all Title V  
4 facilities in compliance with all Title V permit conditions at all times.

5 7. **South Coast AQMD Rule 203(b)** requires all facilities to operate in compliance with  
6 all conditions in their permit to operate.

7 8. **CCL’s Facility-Wide Permit, Condition No. 3** prohibits CCL from using landfill  
8 gas that contains sulfur compounds in excess of 150 ppmv calculated as H<sub>2</sub>S averaged daily.

9 9. **South Coast AQMD Permit No. G55163, Condition No. 11** requires CCL to have  
10 no more than 150 ppmv of total sulfur compounds (calculated as H<sub>2</sub>S averaged daily) in its landfill  
11 gas.

12 10. **South Coast AQMD Permit No. G23473, Condition No. 16** limits CCL’s Flare No.  
13 1 to a maximum of 2.5 lbs/hour of sulfur oxides (“SO<sub>x</sub>”) as SO<sub>2</sub>.

14 11. CCL also operates a landfill gas collection and control system that includes vertical  
15 and horizontal gas collection wells and associated piping and trenches, multiple collection headers  
16 and blowers for venting landfill gas, a landfill gas treatment system, a condensate/leachate collection  
17 system and two flares which combust landfill gas. CCL also has an active permit application for an  
18 additional third flare which, if permitted, would be incorporated into its landfill gas collection and  
19 control system.

20 12. South Coast AQMD alleges Respondent is inadequately containing landfill gas at  
21 CCL, which can cause odor emissions from the landfill.

22 13. So far in 2023, South Coast AQMD received more than 2,100 complaints of an odor  
23 nuisance from the public, with CCL as the alleged source. Complaints include odor descriptions of  
24 both trash and landfill gas, but Petitioner and Respondent believe that all odors complained of are  
25 landfill gas-related.

26 14. South Coast AQMD Inspectors investigated the complaints and traced some of them  
27 back to CCL and confirmed CCL as the source of the odors on numerous occasions. Between May  
28 and September 5, 2023, South Coast AQMD issued 58 Notices of Violation (“NOVs”) against

1 Respondent for violating South Coast AQMD Rule 402 and H&S Code § 41700.

2 **CONCLUSIONS**

3 15. The Stipulated Order for Abatement set forth hereinafter is likely to mitigate  
4 conditions that could contribute to potential odors and potential nuisance.

5 16. The issuance of a Stipulated Order for Abatement upon a fully noticed hearing would  
6 not constitute a taking of property without due process of law.

7 17. The Stipulated Order for Abatement is not intended to be nor does it act as a variance.

8 **ORDER**

9 THEREFORE, subject to the aforesaid statements and good cause appearing, the Hearing  
10 Board hereby orders Respondent to comply with the following conditions and increments of  
11 progress:

12 **Odor Surveillance**

13 1. Respondent shall conduct odor surveillance in the communities surrounding CCL as  
14 follows:

15 a. Respondent shall contract with a trained third party to conduct odor surveillance  
16 each operating day within thirty (30) days after the issuance of this Order.  
17 Respondent shall conduct odor surveillance each operating day until the trained  
18 third party has been contracted. Respondent, or Respondent's contractor, as  
19 applicable, shall conduct community odor surveillance at least twice each operating  
20 day, once between the hours of 7:00 a.m. and 11:00 a.m. and once between the hours  
21 of 8:00 p.m. and 12:00 a.m. If a three-week period passes without Respondent  
22 receiving a Rule 402 NOV from the South Coast AQMD, or detecting odors at  
23 above an intensity of 2 at more than 2 stops during a single surveillance, then  
24 Respondent, or Respondent's contractor, as applicable, may stop conducting the  
25 odor surveillances. If Respondent, or Respondent's contractor, as applicable, has  
26 stopped conducting the odor surveillances pursuant to this condition and  
27 Respondent subsequently receives a Rule 402 NOV from the South Coast AQMD,  
28 then Respondent, or Respondent's contractor, as applicable, must resume

1 conducting the odor surveillances until another three-week period passes with no  
 2 Rule 402 NOVs issued by the South Coast AQMD, or without Respondent or  
 3 Respondent's contractor, as applicable, detecting odors at above an intensity of 2 at  
 4 more than 2 stops in a single surveillance.

5 b. Respondent, or Respondent's contractor, as applicable, shall conduct an odor  
 6 surveillance at each of the following Surveillance Locations:

Stop	Description
1.	Intersection of Chiquito Canyon Road and driveway leading to the LA County Fire's Del Valle Regional Training Center
2.	Intersection of Chiquito Canyon Road and Lincoln Avenue
3.	Intersection of Lincoln Avenue and Jackson Street
4.	Intersection of Lincoln Avenue and Harding Avenue
5.	Intersection of Buchanan Way and Chiquito Canyon Road
6.	Intersection of Chiquito Canyon Road and San Martinez Road
7.	Intersection of San Martinez Road and Morningside Drive
8.	Intersection of Lexington Drive and Morningside Drive
9.	Intersection of Val Verde Road and Trellis Road
10.	Intersection of San Martinez Road and Euclid Ave.
11.	Intersection of San Martinez Road and Keningston Road
12.	Intersection of Hunstock Street and Windsor Road
13.	Intersection of Del Valle Road and Silver Street
14.	Intersection of Del Valle Road and Hasley Canyon Road
15.	Intersection of Hasley Canyon Road and Gibraltar Lane
16.	Intersection of Gibraltar Lane and Alton Way
17.	Intersection of Gibraltar Lane and Springvale Lane
18.	Intersection of Castlebury Place and Picadilly Place
19.	Intersection of Gibraltar Lane and Cambridge Avenue
20.	Intersection of Cambridge Avenue and Hasley Canyon Road
21.	Intersection of Creekbed Road and Firebrand Drive
22.	Intersection of The Old Road and Hillcrest Parkway
23.	Intersection of Hillcrest Parkway and Park Vista Drive at Castaic Elementary School
24.	Intersection of Hasley Canyon Road and Commerce Center Drive (Santa Clarita Valley International School & PlayMakers Preschool)
25.	Intersection of The Old Road and Live Oak Road
26.	Intersection of Live Oak Road and Hidden Trail Road



Stop	Description
27.	Intersection of Rangewood Road and Buckskin Drive
28.	Intersection of Live Oak Elementary School at Saddleridge Way
29.	Intersection of Quincy Street and Cambridge Avenue
30.	Intersection of Commerce Center Drive and Witherspoon Parkway
31.	Intersection of Franklin Parkway and driveway leading to the United States Postal Service
32.	Intersection of Henry Mayo Drive and Cambridge View Drive, leading into the Valencia Travel Village RV Resort

- c. Respondent, or Respondent's contractor, as applicable, conducting the odor surveillance shall not have visited the Reaction Area (as defined in Condition 9(a)), working face, or other areas where exposed trash or landfill gas odors exist at CCL within four hours prior to conducting an odor surveillance.
- d. Odor surveillance shall be conducted by proceeding to each Surveillance Location and making an assessment of each parameter listed in Condition No. 1(e). Assessment of each parameter shall be made while standing in ambient air and shall not be made from within a vehicle.
- e. Respondent, or Respondent's contractor, as applicable, shall record odor surveillance results in an "Odor Surveillance Log." The Odor Surveillance Log shall contain, but not be limited to: (1) the date and time; (2) stop number; (3) the wind speed and direction; (4) a narrative description of any odor detected (including the type of odor, such as trash, landfill gas, chemical, odor neutralizer, as applicable); (5) current weather conditions; and (6) an assessment of the strength of any odor detected using the scale below:

0	No odor detected
1	Very light odor detected
2	Light odor detected
3	Moderate odor
4	Strong odor
5	Very strong odor

- f. If Respondent, or Respondent's contractor, as applicable, conducting the odor surveillance detects odors at three or more stops that are determined to be of a

1 strength of 3 or higher on the scale above during any surveillance occurring during  
2 Respondent's operating hours (between the hours of 4:00am and 5:00pm),  
3 Respondent, or Respondent's contractor, as applicable, shall immediately notify  
4 landfill operating staff. Respondent shall designate an employee able to receive such  
5 notifications. Upon receiving such notification, Respondent shall review and  
6 modify as appropriate fan placement, and conduct a visual inspection of the  
7 Reaction Area (as defined in Condition 9(a)) to assess, and address as needed, any  
8 cracks in the surface of the area.

- 9 2. Respondent shall maintain records of all Odor Surveillance Logs for the duration of this  
10 Order and shall make them available for inspection by South Coast AQMD upon request.  
11 Respondent shall maintain a written record of any notification received, and any action  
12 taken in response to notice under Condition 1(f).

13 **Reducing Sulfur in the Landfill Gas to be Flared**

- 14 3. Respondent shall expedite, to the maximum extent feasible, replacement of granular  
15 activated carbon media in the Landfill Gas Treatment System (under Permit G55163, A/N  
16 603249), including the execution of contracts, as well as the delivery, replacement, startup,  
17 and testing of any operation necessary to replenish and/or replace spent granular activated  
18 carbon media in the Landfill Gas Treatment System. Respondent shall ensure adequate  
19 stock of all odor control products and supplies are maintained on site.
- 20 4. Respondent shall prioritize and maximize the use and operation of landfill gas flare No. 2  
21 over landfill gas flare No. 1 (under Permit G23473, A/N 491442) to the maximum extent  
22 feasible when combusting landfill gas at the facility (FID 119219). Once Respondent  
23 receives the necessary permits and puts the new landfill gas flare discussed in Condition 20  
24 ("landfill gas flare No. 3") into operation, Respondent shall prioritize and maximize the use  
25 and operation of landfill gas flares Nos. 2 and 3 over landfill gas flare No. 1 (under Permit  
26 G23473, A/N 491442) to the maximum extent feasible when combusting landfill gas at the  
27 facility (FID 119219).

1 5. Respondent shall sample, analyze, and record the landfill gas sulfur compounds combusted  
2 in each flare (as measured at sampling location FL-150 that is representative of the gas  
3 combusted in the flare under Permit G23473, A/N 491442) at least once each week using  
4 colorimetric tests for H<sub>2</sub>S and at least once each week sample for analysis for total sulfur  
5 compounds as H<sub>2</sub>S using South Coast AQMD Method 307-91.

6 a. Respondent shall record South Coast AQMD Method 307-91 analysis upon receipt  
7 of laboratory analysis report. Each recorded measurement or result shall be  
8 documented with the time and date when the measurement or sample collection was  
9 conducted, and initialed by the personnel that conducted the measurement or sample  
10 collection.

11 b. Sulfur compound readings and analysis shall be reported to South Coast AQMD  
12 pursuant to Condition No. 8.

13 i. Tedlar bags used for Method 307-91 sampling and analysis shall not contain  
14 droplets or debris.

15 ii. Colorimetric tube readings shall be conducted by taking a reading from a  
16 Tedlar bag sample using an appropriate colorimetric tube sample collection  
17 pump. All sampling shall be performed in accordance with the operational  
18 manual for the colorimetric tube sample collection pump.

19 iii. Colorimetric tube readings shall use colorimetric tubes of appropriate  
20 concentration range and shall be reported as follows:

21 1. Respondent shall first use the estimated appropriately ranged colorimetric  
22 tube.

23 2. If the resulting reading reaches the upper concentration of the colorimetric  
24 tube concentration range, subsequent reading(s) shall be taken using a  
25 colorimetric tube with a concentration range that has a larger upper  
26 concentration threshold until the result is not the upper concentration  
27 threshold of the concentration range. Report the tube concentration range  
28 and tube concentration result for each reading.

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3. If the reading results in the lower concentration of the colorimetric tube concentration range or does not register a result, subsequent reading(s) shall be taken using a colorimetric tube with a concentration range that has a smaller lower concentration threshold, if available, until the colorimetric tubes available to the facility result in:

- a. A reading that is within the concentration range of the tube,
- b. A reading is the lower concentration of the colorimetric tube concentration range, or
- c. The colorimetric tube does not register a result.

4. When the result is the lower concentration of the colorimetric tube concentration range or does not register a result, the lower concentration of the colorimetric tube concentration shall be considered the concentration result. Report the tube concentration range and tube concentration result for each reading. If a lower range colorimetric tube is not used and the tube concentration result is below the lower range of the colorimetric tube used, Respondent shall report the result as “less than” or “<” the lower range value of the tube. Notwithstanding the forgoing, Respondent shall ensure that the colorimetric tube result is below the upper range of the colorimetric tube used and shall report the precise result of all results above the lowest range of the colorimetric tube used.

- 6. Respondent shall maintain adequate stock of appropriately ranged colorimetric tubes.
- 7. Respondent shall maintain a record of the following information, and provide such records to the South Coast AQMD pursuant to Condition No. 8:
  - a. The hourly and daily flow of landfill gas combusted, in standard cubic feet, in each flare (flares No. 1 & No. 2 under Permit G23473, A/N 491442; flare No. 3 under A/N 624296), the thermal oxidizer (under Envent Corporation A/N 645484), and any other equipment used to combust or control landfill gas at the facility, and the total amount of landfill gas combusted at the facility;

- 1           b.       The daily flow of landfill gas not flared, in standard cubic feet, if applicable; and
- 2           c.       The results of the sulfur readings, sampling, and analyses, calculated as H<sub>2</sub>S with
- 3                 the time and date when each measurement or sample collection was conducted.
- 4   8.       Respondent shall submit a monthly written report on the landfill operation, progress of the
- 5           status of the Landfill Gas Flares (flares No. 1 and No. 2 under Permit G23473, A/N 491442;
- 6           flare No. 3 under A/N 624296), Landfill Gas Treatment System (under Permit G55163,
- 7           A/N 603249), and efforts to resolve the total sulfur concentration in the landfill gas
- 8           exceeding 150 ppmv calculated as H<sub>2</sub>S. Monthly reports shall be submitted to Respondent
- 9           on the third Monday of each subsequent month (except for this first month as described
- 10          below) not later than 5:00pm via email to Baitong Chen, Air Quality Engineer,
- 11          (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov),
- 12          and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov). The first report for August
- 13          2023 shall be due on September 30, 2023. Each monthly report shall contain at a minimum
- 14          the following information:
- 15          a.       The landfill gas sulfur compounds measurements and laboratory analysis with the
- 16                 time and date of each measurement or sample collection, as identified in Condition
- 17                 No. 5.
- 18          b.       The landfill gas records and calculations identified in Condition No. 7, in a
- 19                 Microsoft Excel spreadsheet format.
- 20          c.       The integrated landfill surface sample analysis and landfill surface monitoring
- 21                 readings identified in Condition Nos. 9 and 10, in a Microsoft Excel spreadsheet
- 22                 format.
- 23          d.       Estimated schedule for any replacement or refurbishment of granular activated
- 24                 carbon media in the Landfill Gas Treatment System (under Permit G55163, A/N
- 25                 603249) identified in Condition No. 3.
- 26          e.       Description of any problems or delays, if any, encountered or projected to occur
- 27                 pertinent to the execution of contracts, as well as the delivery, replacement, startup,
- 28                 and testing of any operation necessary to replenish and/or replace spent granular

1 activated carbon media in the Landfill Gas Treatment System (under Permit  
2 G55163, A/N 603249).

3 f. Specifications of the equipment and materials used for the weekly colorimetric tests  
4 (only if there is a change from the previously provided specifications of the  
5 colorimetric instrumentation or method used).

6 g. All wellhead temperature readings, lab analysis, and Draeger tube readings for  
7 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  
9 145 degrees Fahrenheit) and stratification of temperature ranges during that month,  
10 which includes a description of any remedial measures taken to address or lower  
11 gas well temperatures.

12 i. All vertical liquid impacted landfill gas wells, per Condition No. 20, including a  
13 description of any remedial measures taken to address or reduce liquids in landfill  
14 gas wells.

15 j. Updates on the investigation into the availability, viability, and utilization, including  
16 pilot testing if needed, of an alternative sulfur compound treatment system that  
17 controls, treats, or removes dimethyl sulfide (“DMS”) and other sulfur compounds,  
18 if any.

19 k. A summary report on SCS’s implemented improvements to the landfill gas  
20 collection system.

21 l. An inspection log for landfill cover inspections, pursuant to Condition No. 24.

22 m. Any subsequent additions to the landfill gas collection system, pursuant to  
23 Condition No. 15.

24 n. Any subsequent additions to the landfill gas condensate or leachate collection  
25 system, such as dewatering sumps/pumps, or other dewatering work performed per  
26 the dewatering guidelines and implementation plan pursuant to Condition No. 17.

27 o. Updates on the procurement and installation of the geosynthetic cover, pursuant to  
28 Condition No. 25.

1 9. Respondent shall collect integrated landfill surface samples for analysis across the Reaction  
2 Area (as defined in Condition 9(a)) at least every two weeks as specified in Rule 1150.1  
3 Attachment A 2.0. In the event Respondent is unable to sample specific landfill surface  
4 area(s) or grid(s) due to inaccessibility or dangerous conditions for a technician,  
5 Respondent shall document the date and the conditions that do not allow the sampling of  
6 the specific area(s) or grid(s).

7 a. The "Reaction Area" shall be defined initially by the boundary of Cells  
8 1/2A, 2B/3, 4, and Module 2B/3/4 P2. The boundary of the Reaction Area  
9 shall be modified to include the associated landfill surface area of the cells  
10 and modules that experience well temperatures of at least 170 degrees  
11 Fahrenheit, settlement, cracks in the landfill cover, presence and quantity  
12 of liquids, and the presence of hydrogen in the landfill gas. The DMS  
13 Committee (defined in Condition 12), shall transmit to the South Coast  
14 AQMD [attn: Baitong Chen, [bchen@aqmd.gov](mailto:bchen@aqmd.gov); Nathaniel Dickel,  
15 [ndickel@aqmd.gov](mailto:ndickel@aqmd.gov); Christina Ojeda, [cojeda@aqmd.gov](mailto:cojeda@aqmd.gov)] 1) the revised  
16 map which clearly displays the proposed boundary change(s) and depicts  
17 the new Reaction Area; 2) a narrative summary explaining the rationale  
18 behind the proposed changes, including memorializing any dissenting  
19 view of any member of the DMS Committee; and 3) any supporting data  
20 relied upon in the decision to revise the Reaction Area.

21 b. The DMS Committee shall review applicable data and shall consider  
22 revision to the Reaction Area as frequently as appropriate but shall make  
23 a determination about whether to revise the Reaction Area map at least  
24 once per month.

25 10. Respondent shall conduct instantaneous landfill surface monitoring across the Reaction  
26 Area (as defined in Condition 9(a)) at least every two weeks as specified in Rule 1150.1,  
27 Attachment A 3.0, beginning no later than seven (7) days after the issuance of this Order.  
28 In the event Respondent is unable to monitor specific landfill surface area(s) or grid(s) due

1 to inaccessibility or dangerous conditions for a technician, Respondent shall document the  
2 date and the conditions that do not allow the monitoring of the specific area(s) or grid(s).

- 3 11. Respondent shall continue operating its flares and landfill gas treatment system even if the  
4 emitted landfill gas exceeds the limits on total reduced sulfur and SO<sub>x</sub> laid out in CCL's  
5 permits (Permit G55163, Condition Nos. 11 and 16 and CCL's Facility-Wide Permit,  
6 Condition No. 3) and South Coast AQMD Rules 431.1(c)(2), 3002(c)(1), and 203(b).  
7 Respondent shall include deviation reporting associated with exceedances of these  
8 emissions limits in its semi-annual Title V reports. Respondent shall not need to make any  
9 additional deviation reporting associated with such exceedances.

10 **Investigation of Underlying Reaction and Odor Impacts**

- 11 12. Respondent shall organize a committee (the "DMS Committee") consisting of subject  
12 matter experts to aid in the investigation, impact assessment, and remediation of the  
13 ongoing landfill reaction and resultant odors as specified below. Respondent shall, through  
14 retention of one or more consultants and/or designation of one or more new or existing  
15 employees, complete the formation of the DMS Committee within thirty (30) days of the  
16 issuance of this Order. Respondent shall, within thirty (30) days of the issuance of this  
17 Order, provide to the South Coast AQMD [Baitong Chen, Air Quality Engineer,  
18 (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov),  
19 and Christina Ojeda, Air Quality Inspector (cojeda@aqmd.gov)] the names of all persons  
20 included in the DMS Committee along with a Curriculum Vitae, or other description of the  
21 individual's credentials, experience, and/or expertise in the applicable subject matter.

- 22 a. The DMS Committee shall include, at a minimum, at least one person with subject  
23 matter expertise in each of the following areas:

- 24 i. Landfill design and operational best management practices;  
25 ii. Landfill gas collection/extraction systems, landfill gas  
26 condensate/leachate collection systems, and landfill gas control;  
27  
28



1                   iii. Chemical reaction(s) within landfills leading to formation of and  
2                   elevated levels of dimethyl sulfide (“DMS”) and non-methane  
3                   organic compounds (“NMOC”);

4                   iv. Public health relating to air quality and exposure to air  
5                   contaminants including DMS.

6           b.       Respondent, through the DMS Committee, shall conduct investigations and studies  
7           into the cause of the landfill reaction, the impact of air emissions, interim measures  
8           to limit odor transport, and corrective measures to reduce or abate the landfill  
9           reaction. Such investigations shall include, at a minimum:

10                   i. A study into known and possible methods for effective treatment  
11                   of DMS and preventative mechanisms for DMS formation in  
12                   landfill gas, including assessment of other landfills and review of  
13                   scientific studies. By no later than April 30, 2024, Respondent shall  
14                   provide a report detailing the findings of this Landfill Gas DMS  
15                   Treatment Study and the proposals for implementation of the  
16                   treatment methods. This report shall be submitted to South Coast  
17                   AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov);  
18                   Nathaniel Dickel, Senior Air Quality Engineer,  
19                   (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector,  
20                   (cojeda@aqmd.gov)]. Respondent shall submit any required  
21                   permit applications, with information included, for equipment  
22                   installations or modifications necessary for implementation of the  
23                   remedy strategies and/or treatment methods;

24                   ii. An investigation and report on 1) the cause of the alleged chemical  
25                   reaction(s) resulting in the elevated well temperatures, elevated  
26                   levels of DMS formation in the landfill gas, and elevated levels of  
27                   NMOC formation in the landfill gas and 2) solutions to slow and  
28                   stop the reaction(s) in the landfill. Investigation into the cause of

1 the alleged chemical reaction(s) shall include, but not be limited  
2 to, waste characterization study of waste disposed within the  
3 Reaction Area, to the extent records of such waste are within  
4 Respondent's possession, including (but not limited to) analysis of  
5 chemical and physical characteristics, BTU, moisture content,  
6 biological methane potential. Respondent shall also conduct drill  
7 core sampling in the Reaction Area (as defined in Condition 9(a))  
8 to assess waste characterization in areas not affected by elevated  
9 temperatures at the time of drilling. Respondent shall submit a  
10 report on the findings of the investigation by no later than  
11 December 8, 2023 to South Coast AQMD [Baitong Chen, Air  
12 Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior  
13 Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda,  
14 Air Quality Inspector, (cojeda@aqmd.gov)];

15 iii. An investigation and report on the feasibility and availability of a  
16 continuous community emission monitoring system to conduct  
17 continuous monitoring and provide estimates of DMS  
18 concentrations at the facility fenceline and within the affected  
19 community. By no later than December 1, 2023, Respondent shall  
20 submit to the South Coast AQMD [Baitong Chen, Air Quality  
21 Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air  
22 Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air  
23 Quality Inspector, (cojeda@aqmd.gov)], the feasibility and  
24 availability findings of this fenceline and community DMS  
25 monitoring program. The findings shall identify all companies,  
26 vendors, contractors, and consultants that were inquired regarding  
27 the feasibility and availability and the results for each inquiry,  
28 including an ultimate decision if monitoring is feasible. If the

1 DMS Committee deems monitoring under this provision feasible,  
2 Respondent shall prepare and submit to the South Coast AQMD  
3 [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov);  
4 Nathaniel Dickel, Senior Air Quality Engineer,  
5 (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector,  
6 (cojeda@aqmd.gov)] a workplan for the installation of and  
7 operation of the required monitoring equipment and related  
8 installations within thirty (30) days of the DMS Committee's  
9 decision. This workplan will include a timeline for procurement  
10 of monitoring equipment and for the commencement of  
11 monitoring. It will also include a timeline for reporting out on the  
12 collected data, including a proposal relating to the real-time  
13 posting of monitoring data on Respondent's website or other  
14 regular report-outs on the data;

- 15 iv. A study and report on landfill best management practices and  
16 alternative methods to minimize the release of fugitive surface gas  
17 and minimize odors from fugitive surface gas, including cover  
18 practices at the Reaction Area (as defined in Condition 9(a)) and  
19 working face, and how best to address related odorous emissions,  
20 such as through the use of misting systems, fans, odor neutralizer,  
21 or other means. By no later than November 6, 2023, Respondent  
22 shall submit a report detailing the findings of this Fugitive Landfill  
23 Gas Odor Mitigation Study and the proposals for the minimization  
24 of landfill gas release and odors. This report shall be submitted to  
25 South Coast AQMD [Baitong Chen, Air Quality Engineer,  
26 (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality  
27 Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality  
28 Inspector, (cojeda@aqmd.gov)];

1 v. A report on the known health risks from acute and long-term  
2 exposure to DMS, including any action levels from other public  
3 health or government entities, and including a summary of  
4 recommended actions for persons exposed to DMS for acute and  
5 long-term durations. By no later than January 15, 2024,  
6 Respondent shall submit this report to South Coast AQMD  
7 [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov);  
8 Nathaniel Dickel, Senior Air Quality Engineer,  
9 (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector,  
10 (cojeda@aqmd.gov)].

11 c. Respondent shall make public all reports resulting from investigations and studies  
12 done pursuant to this Condition through a link preceded by a brief narrative  
13 description on the webpage created pursuant to Condition No. 28.

14 d. Respondent has conducted an initial flux chamber study pursuant to the direction of  
15 the Los Angeles County Department of Public Health. Respondent shall submit a  
16 report documenting the findings of the initial study no later than October 31, 2023  
17 to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov);  
18 Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina  
19 Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)]. Respondent shall conduct an  
20 additional landfill gas flux study for methane, non-methane organic compounds  
21 (“NMOC”), total reduced sulfur (“TRS”), and speciated sulfur compounds to  
22 determine the surface flux throughout the landfill. The study shall be conducted  
23 through the use of static flux chambers oriented at various locations throughout the  
24 landfill site. Respondent shall prepare a proposed protocol for the study based on  
25 the results of the initial study and shall submit the protocol to South Coast AQMD  
26 [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior  
27 Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality  
28 Inspector, (cojeda@aqmd.gov)] for review and approval by December 31, 2023. A

1 report documenting the differences in the findings between the initial study and the  
2 additional study shall be submitted by no later than 90 days after South Coast  
3 AQMD approves the protocol to South Coast AQMD [Baitong Chen, Air Quality  
4 Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer,  
5 (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector,  
6 (cojeda@aqmd.gov)].

7 **Landfill Gas Collection System**

8 13. Respondent shall expand its gas well system. Respondent shall continue to operate the  
9 installed five deep trench collectors in the Reaction Area (as defined in Condition 9(a)) and  
10 six leachate extraction pumps along the west slope. Respondent has installed 18 vertical  
11 dual extraction wells, and these 18 vertical dual extraction wells shall be connected to the  
12 landfill gas system by September 15, 2023 unless the circumstances outlined in Condition  
13 13(a) apply.

14 a. In the event Respondent is unable to meet these deadlines due to  
15 inaccessibility or dangerous conditions for a technician, Respondent shall  
16 document the date and the conditions that do not allow the installation of  
17 the wells and/or their connection to the landfill gas system. Respondent  
18 shall submit this documentation to the South Coast AQMD and provide  
19 the South Coast AQMD with an updated date of completion for the  
20 required work.

21 14. Respondent shall continue to monitor each landfill gas collection system well at least  
22 monthly for at least temperature pursuant to 40 CFR Part 63 Subpart AAAA. Respondent  
23 shall address wells with a temperature reading of at least 170 degrees Fahrenheit or greater  
24 in accordance with 40 CFR 63 Subpart AAAA. Notwithstanding temperature exceedances,  
25 Respondent shall continue to operate all wells as necessary to ensure the continued  
26 operation of the landfill gas collection system.

27 15. Respondent shall continue to evaluate and install, as needed, vertical dual extraction wells  
28 to collect both landfill gas and leachate. Respondent shall continue to expand the well-field

1 as needed, and notify South Coast AQMD by October 31, 2023 of the number of wells  
2 added, attention to Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel  
3 Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air  
4 Quality Inspector, (cojeda@aqmd.gov). Any subsequent additions to the well-field shall be  
5 documented in the monthly reports pursuant to Condition 8.

6 16. Respondent shall submit, by October 6, 2023, a complete permit modification application  
7 for the Landfill Gas Collection System (under Permit G43917, A/N 578102) to increase the  
8 number of permitted wells in the well field. The submittal shall be accompanied with a  
9 complete Title V Revision application and shall be submitted with an expedited permit  
10 processing request and associated required fees, forms, and information.

11 17. Respondent shall expeditiously dewater wells being impacted by liquids, and shall take  
12 proactive measures to remove additional liquids in the Reaction Area to limit the reaction  
13 severity and spread. This shall be accomplished through the installation of dewatering  
14 sumps/pumps at 20 percent of the landfill gas collection wells with the worst liquid  
15 impaction issues in the Reaction Area as determined by the DMS Committee within 60 days  
16 of the issuance of this Order, unless otherwise determined infeasible per Condition No.  
17 17.a. below. Respondent shall provide updates in the monthly reports pursuant to Condition  
18 No. 8.

19 a. In the event Respondent determines the installation of a dewatering  
20 sump/pump at a single landfill gas collection well to be infeasible,  
21 Respondent shall provide detailed rationale and reasoning in the monthly  
22 report submitted pursuant to Condition No. 8, and shall continue with  
23 implementation of the dewatering guidelines pursuant to Condition No. 18  
24 to remove liquids to the maximum extent possible including to ensure  
25 installation across 20% of total landfill gas collection wells within the  
26 Reaction Area.

27 18. Respondent shall, in addition to the installation of dewatering sumps/pumps specified in  
28 Condition No. 17 above, within ninety (90) days of the issuance of this Order, provide

1 proposed Reaction Area dewatering guidelines and implementation procedures for the  
2 landfill to South Coast AQMD (Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov);  
3 Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov)) that include but are  
4 not limited to the following:

- 5 a. Proposed methodologies and monitoring procedures that determine the level of  
6 dewatering within the Reaction Area (as defined in Condition 9(a)) wells impacted  
7 by liquid. Methods may include the measurement of the gas flow at each landfill  
8 gas collection well impacted by liquids;
- 9 b. Use of dewatering pumps or other methods to remove liquids from Reaction Area  
10 (as defined in Condition 9(a)) wells impacted by liquids;
- 11 c. An implementation plan for the use of dewatering pumps or other methods to  
12 remove liquids from the Reaction Area wells impacted by liquids. The plan shall  
13 include a list of wells in the Reaction Area and depth where liquids are expected to  
14 impact landfill gas collection efficacy or be a concern, the proposed action to  
15 remove the liquids, and the schedule for liquid removal. The implementation plan  
16 shall also include pro-active measures, such as additional dewatering pumps, to be  
17 installed at landfill gas collection wells where liquid impaction issues have not yet  
18 occurred, but may be expected to occur.
- 19 d. Upgrades to the site leachate collection system as needed, including through the  
20 addition of increased air compressor and/or drain line infrastructure;
- 21 e. Protocols for the pumping and monitoring of dewatering pumps and other such  
22 methods to remove water from Reaction Area (as defined in Condition 9(a)) wells  
23 impacted by liquids;
- 24 f. Well field liquid sounding in the Reaction Area (as defined in Condition 9(a)), and  
25 a proposed schedule for conducting liquid sounding on a consistent basis;
- 26 g. A timeline for appropriate reporting on impacted wells;
- 27 h. The feasibility of integrity testing of all vertical gas wells in the Reaction Area (as  
28 defined in Condition 9(a)) and a timeline and protocol for addressing any wells that

1 the integrity testing demonstrates are damaged or are exhibiting temperatures of at  
2 least 170 degrees Fahrenheit; and

- 3 i. A timeline for implementation of appropriate dewatering procedures upon  
4 discovery of wells impacted by liquids.

5 The proposed Reaction Area dewatering guidelines and implementation procedures shall  
6 be implemented within seven (7) days of South Coast AQMD approval.

- 7 19. Respondent shall submit, by October 6, 2023, a complete permit modification application  
8 to the Landfill Gas Condensate and Leachate Collection/Storage System (under Permit  
9 G66132, A/N 613131) to increase the landfill's liquid storage capacity. The submittal  
10 shall be accompanied with a complete Title V Revision application and shall be submitted  
11 with an expedited permit processing request and associated required fees, forms, and  
12 information.

- 13 20. Respondent shall increase its landfill gas control capacity. Respondent has submitted a  
14 permit application for a new 6,000 scfm ultra-low emissions landfill gas flare (Flare No. 3),  
15 which is currently in a public comment period. Once the flare is fully permitted and fully  
16 operational equipment is received, Respondent shall have forty-five (45) days to finish  
17 installation and begin operating the new landfill gas flare unless the circumstances outlined  
18 in Condition No. 20(a) apply. Respondent shall notify the South Coast AQMD that the new  
19 landfill gas flare is operational within 48 hours of beginning operation (Baitong Chen, Air  
20 Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer,  
21 (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)).

- 22 a. In the event Respondent is unable to meet these deadlines due to inaccessibility or  
23 dangerous conditions for a technician, Respondent shall document the date and the  
24 conditions that do not allow the installation of the new flare. Respondent shall  
25 submit this documentation to the South Coast AQMD and provide the South Coast  
26 AQMD with an updated date of completion for the required work.

- 27 21. Respondent shall submit, by October 31, 2023, a complete permit application for the new  
28 construction of a Landfill Gas Flare (Flare No. 4) to increase the landfill gas control



1 capacity. The submittal shall be accompanied with a complete Title V Revision application  
2 and shall be submitted with an expedited permit processing request and associated required  
3 fees, forms, and information.

4 22. Respondent shall continue to use a portable thermal oxidizer that operates under a permit  
5 to operate or temporary permit to operate for additional landfill gas control capacity until  
6 the DMS Committee concludes that such a portable thermal oxidizer is no longer needed.  
7 Respondent shall notify the South Coast AQMD as to the DMS Committee's  
8 recommendation (Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel  
9 Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air  
10 Quality Inspector, (cojeda@aqmd.gov)).

11 23. Respondent shall continue to use both 4,000 scfm flares (under Permit No. G23473, A/N  
12 491442) when the DMS Committee determines that such use is necessary due to insufficient  
13 flaring capacity or other such necessity-based situations, until the second new 6,000 scfm  
14 ultra-low emissions flare (Flare No. 4) referenced in Condition No. 21 is permitted and  
15 operational.

16 **Landfill Cover**

17 24. Respondent shall visually inspect the landfill cover around the Reaction Area (as defined  
18 in Condition 9(a)) each operating day and shall promptly repair any cover issues identified,  
19 which may include adding and spreading soil, wetting, and retracking the damaged area.  
20 Respondent shall maintain a log demonstrating that it has addressed any damages to the  
21 landfill cover, including the date the damage was identified, the action taken to repair the  
22 damage, and the time at which the repair was completed. Results of the daily inspection and  
23 the repair log required by this condition shall be included in the monthly reports required  
24 pursuant to Condition No. 8.

25 25. Respondent shall install a geosynthetic cover over western portions of Module 2B/3/4 Phase  
26 2, Module 2B/3, and Module 4 to limit the migration of landfill gas from the site.  
27 Respondent shall submit the completed design for the cover, which will provide greater  
28 definition to the cover location, including associated landfill gas extraction infrastructure

1 to be installed underneath the cover, to the South Coast AQMD by September 12, 2023  
2 (Baitong Chen, Air Quality Engineer, ([bchen@aqmd.gov](mailto:bchen@aqmd.gov)); Nathaniel Dickel, Senior Air  
3 Quality Engineer, ([ndickel@aqmd.gov](mailto:ndickel@aqmd.gov)), and Christina Ojeda, Air Quality Inspector,  
4 ([cojeda@aqmd.gov](mailto:cojeda@aqmd.gov))). Respondent shall then obtain and install the geosynthetic cover  
5 material of at least 30 mil thickness. Respondent shall notify South Coast AQMD by  
6 October 31, 2023 (Baitong Chen, Air Quality Engineer, ([bchen@aqmd.gov](mailto:bchen@aqmd.gov)); Nathaniel  
7 Dickel, Senior Air Quality Engineer, ([ndickel@aqmd.gov](mailto:ndickel@aqmd.gov)), and Christina Ojeda, Air  
8 Quality Inspector, ([cojeda@aqmd.gov](mailto:cojeda@aqmd.gov))) on the progress of procuring and installing the  
9 geosynthetic cover. Respondent shall include updates on the procurement and installation  
10 of the geosynthetic cover in the monthly reports pursuant to Condition 8.

#### 11 **Ambient Air & Emissions Monitoring**

12 26. The DMS Committee shall review air dispersion modeling, smoke release studies, and  
13 computational fluid dynamics (“CFD”) modeling that have previously been completed for  
14 the landfill to assess odor and emissions transport into the nearby community. The DMS  
15 Committee shall use the previous models updated with current datapoints to undertake a  
16 study to determine odor and emission transport of odors from the landfill and to identify  
17 effective techniques that may be used to remedy potential odor impacts on the nearby  
18 community. The study shall include an evaluation of the efficacy of odor control measures,  
19 including but not limited to perimeter misting equipment, wind barriers, wind cutter fans,  
20 and odor dispersion/misting fans, for purposes of minimizing odors in the surrounding  
21 community. The study shall be based on both the landfill’s current and projected closure  
22 in 2047, topography and configuration. The study shall include, but not be limited to,  
23 identifying transport trajectories and quantifying odor gas concentrations within the  
24 surrounding community. Upon completion of the study, a written report documenting the  
25 study and the findings, shall be submitted to South Coast AQMD by December 1, 2023.  
26 [Baitong Chen, Air Quality Engineer, ([bchen@aqmd.gov](mailto:bchen@aqmd.gov)); Nathaniel Dickel, Senior Air  
27 Quality Engineer, ([ndickel@aqmd.gov](mailto:ndickel@aqmd.gov)); Christina Ojeda, Air Quality Inspector,  
28 ([cojeda@aqmd.gov](mailto:cojeda@aqmd.gov))].

- 1 a. The report shall include a recommendation on whether additional modeling is  
2 recommended to fully address the current odor circumstances at the landfill and  
3 potential odor impacts on the nearby community.
- 4 b. If such additional modeling is recommended by the DMS Committee, the DMS  
5 Committee shall, within 45 days of providing the report and recommendation,  
6 provide a proposal to the South Coast AQMD that shall, at a minimum, include the  
7 following:
- 8 i. The identification and qualifications of the primary personnel  
9 and/or firms proposed to conduct the study, as well as the specific  
10 techniques and location(s) where the study will be conducted;
- 11 ii. A timeline for completion of the study and submittal of the final  
12 written reports to South Coast AQMD no later than 150 days after  
13 South Coast AQMD approval of the study proposal.
- 14 27. Respondent shall follow the direction of DPH to expand and enhance its current ambient  
15 air monitoring program to include DMS and other constituents of landfill gas, sampling at  
16 residential locals where recent odor complaints have been reported and at on-site locations  
17 where odors are most pronounced, and to conduct a flux chamber study (the “initial” flux  
18 chamber study discussed in Condition No. 12(d)). Any reports submitted to DPH related to  
19 these studies shall also be submitted to the South Coast AQMD (Baitong Chen, Air Quality  
20 Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer,  
21 (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)).

22 **Community Outreach**

- 23 28. Respondent shall continue to maintain and update regularly (on a weekly basis) a dedicated  
24 page of its website with a highly visible link on its homepage (the “odor mitigation section”)  
25 for presenting information discussing odor mitigation at CCL. Such webpage shall include  
26 all information in English and Spanish within 30 days of the issuance of this Order and  
27 meet the following requirements:  
28

- 1 a. The odor mitigation webpage shall be accessible via a direct hyperlink included on  
2 the homepage of CCL’s website (<https://chiquitacanyon.com>), via a clickable link  
3 with text stating “Odor Mitigation;”
- 4 b. The odor mitigation webpage shall display prominently at the top of the page a  
5 notification that complaints of any odors believed to be caused by CCL can be made  
6 to CCL (24-Hour Hotline) at (661) 253-5155;
- 7 c. The odor mitigation webpage shall display prominently at the top of the page a  
8 notification that complaints may also be submitted to the South Coast Air Quality  
9 Management District via telephone at 1 (800) CUT-SMOG or 1 (800) 288-7664 or  
10 online on South Coast AQMD’s website (which shall hyperlink to the following:  
11 <http://www3.aqmd.gov/webappl/complaintsystemonline/NewComplaint.aspx>);
- 12 d. The odor mitigation webpage shall include a “Recent Updates” section which shall  
13 provide a narrative description of Respondent’s understanding of the reaction and  
14 DMS;
- 15 e. The odor mitigation webpage shall include an “Odor Mitigation Efforts” section  
16 which shall describe the efforts Respondent is taking to mitigate potential odors;
- 17 f. The odor mitigation webpage shall include an “Odor and Maintenance Logs”  
18 section which shall include via hyperlink any logs created pursuant to this Order,  
19 preceded by a brief narrative description;
- 20 g. The odor mitigation webpage shall include a “Reports, Permits, and Other  
21 Documents” section which shall include via hyperlink, preceded by a brief narrative  
22 description:
- 23 i. This Order;
- 24 ii. Safety Data Sheets for odor neutralizer used at the facility and compounds  
25 used in the Semi-Permanent Vapor Odor Control system referenced in  
26 Condition No. 32;
- 27 iii. A copy of Respondent’s current Conditional Use Permit (No. 2004-00052-  
28 (5));

- 1           iv. Any reports relating to odor or odor mitigation required by Respondent's
- 2           Conditional Use Permit (No. 2004-00052-(5)) to be submitted to any
- 3           government agency, including any responses or discussion of remedial actions
- 4           to odor violations or complaints required by any government agency; and
- 5           v. All reports created by the DMS Committee pursuant to this Order.
- 6           vi. Any other reports or correspondence requested by the County of Los Angeles
- 7           agencies related to the reaction, odor, and Respondent's mitigation efforts.
- 8           h. The odor mitigation webpage shall include an "Air Monitoring and Health Impacts
- 9           Section" which shall include a brief narrative describing the current status of air
- 10          quality monitoring required under Condition 68 of Respondent's Conditional Use
- 11          Permit (No. 2004-00052-(5)). The "Air Monitoring and Health Impacts Section"
- 12          shall also include, via hyperlink, preceded by a brief narrative description:
- 13               i. Any consultant reports submitted to the Community Advisory Committee
- 14               ("CAC"), TAC, or any government agency under Condition 68 of
- 15               Respondent's Conditional Use Permit (No. 2004-00052-(5)).
- 16               ii. Any quarterly or annual reports submitted to the Los Angeles County
- 17               Department of Public Health or South Coast AQMD under Condition 68 of
- 18               Respondent's Conditional Use Permit (No. 2004-00052-(5)).
- 19          i. The odor mitigation webpage shall include an "Upcoming Public Meetings"
- 20          Section, which shall display the title/subject, date, time, location and/or virtual
- 21          access information (including videoconference link or teleconference number as
- 22          applicable), and a note of whether public comment will be received for the following
- 23          meetings:
- 24               i. Any noticed hearing of the South Coast AQMD Hearing Board in Case No.
- 25               6177-4;
- 26               ii. Any meeting of the CAC where odor mitigation and/or violations are included
- 27               as an agenda item or anticipated to be discussed;
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- 1           iii. Any meeting of the TAC where odor mitigation and/or violations are included
- 2           as an agenda item or anticipated to be discussed; and
- 3           iv. Any other meeting open to the public at which CCL is a scheduled host and/or
- 4           participant where odor mitigation and/or violation are included as an agenda
- 5           item or anticipated to be discussed.

6   29. Respondent shall host a public one-hour community meeting once each calendar month  
7   following a month in which Respondent receives three or more Rule 402 NOVs from the  
8   South Coast AQMD. If Respondent does not receive three or more Rule 402 NOVs from  
9   the South Coast AQMD in a calendar month, Respondent does not need to host a  
10   community meeting during the following month. During each meeting, Respondent shall  
11   provide updates with regards to implementation of this Order and make time available for  
12   public comment on matters related to CCL. The meeting date and time and format (in-  
13   person or virtual) shall be announced via Respondent’s website and shall also be sent via  
14   email to everyone who has signed up for email notifications on Respondent’s website. The  
15   announcement shall include a link and dial-in information to the virtual platform used to  
16   conduct the meeting, or if the meeting is in-person, the location of the meeting. All meetings  
17   held in person shall adhere to all applicable public health guidelines and shall take place  
18   within the Val Verde community. Any presentation, meeting materials, or other media  
19   created or shared by Respondent at such community meeting shall be posted to  
20   Respondent’s Odor Mitigation webpage via hyperlink, including a brief narrative  
21   description of the materials.

22 **Other Conditions**

23   30. To ensure that fresh trash odors remain controlled, Respondent shall maintain the following  
24   fresh trash-related odor mitigation measures recommended by its landfill operations expert  
25   from the Stipulated Order for Abatement in Case No. 6177-1 during Unfavorable Wind  
26   Conditions, as defined in the Stipulated Order for Abatement in Case No. 6177-1.  
27   Respondent shall maintain the following odor mitigation measures:

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- 1 a. Use orchard fans, and tow-and-blow fans as needed, placed and spaced around the  
2 working face in accordance with the recommendations of Chiquita's landfill  
3 operations expert;
- 4 b. Use equipment equipped with odor neutralizer misting systems in various portions  
5 of CCL to neutralize any fresh trash odors. This equipment shall include, but not be  
6 limited to, fans and arm tower misters;
- 7 c. Identify and appropriately handle odorous loads at the scale and working face as  
8 new waste loads enter CCL;
- 9 d. Haul odorous loads with proper sequencing and cover; and
- 10 e. Regularly train staff on all aspects of landfill operations, employee safety, and odor  
11 control.
- 12 31. Respondent shall obtain, install, and maintain an on-site landfill meteorological station to  
13 measure wind speed and direction by October 31, 2023. The meteorological station shall  
14 be installed at a location appropriate for determining wind speed and direction on the top  
15 deck of the landfill in the Reaction Area (as defined in Condition 9(a)) on a 1-hour average  
16 basis, with measurements recorded every 5 minutes. The station shall record and preserve  
17 all available readings for three years and the readings shall be made available to the South  
18 Coast AQMD upon request.
- 19 32. Respondent shall install, maintain in good working order, and operate 1,000 feet or more  
20 of Semi-Permanent Vapor Odor Control in the Reaction Area (as defined in Condition 9(a))  
21 within 14 days of the approval of this Order. Respondent shall operate the Semi-Permanent  
22 Vapor Odor Control system immediately and continuously.
- 23 33. Respondent shall operate and maintain in good working order a landfill perimeter odor  
24 control misting system on permanent fencing on the west and northwest of the property.
- 25 34. The landfill perimeter odor control misting system shall be operated immediately and  
26 continuously upon receiving data from the meteorological station, referenced in Condition  
27 No. 31 above, that the 1-hour averaged wind direction is blowing in West, Northwest,  
28 North, or Northeast directions (270 degrees to 45 degrees). The misting system shall

1 continue to operate until the 1-hour averaged wind direction data demonstrates the wind is  
2 no longer blowing in the specified directions. The system shall be operated in such a  
3 manner and with sufficient odor neutralizers to mitigate, to the extent possible, transient  
4 odors from the landfill into surrounding communities, as determined by the DMS  
5 Committee.

6 35. Respondent shall notify the South Coast AQMD (attn: Kathryn Roberts,  
7 kroberts@aqmd.gov; Mary Reichert, mreichert@aqmd.gov; Christina Ojeda,  
8 cojeda@aqmd.gov) of any substantial operational changes designed to or anticipated to  
9 reduce odors, such as an operational change not contemplated by this Order, within seven  
10 days of implementing such changes.

11 36. Equipment and operations at the Facility are subject to the jurisdiction and regulatory  
12 requirements of multiple agencies, including but not limited to the District, CalRecycle,  
13 Los Angeles County Public Works, Los Angeles County Department of Regional Planning,  
14 and Los Angeles County Department of Public Health. The conditions in this Order shall  
15 not in any way restrict or expand the scope of jurisdiction of any agency. If any agency that  
16 shares jurisdiction over the Facility with the South Coast AQMD requires Respondent to  
17 take any action that is inconsistent with this Order, Respondent shall immediately contact  
18 the South Coast AQMD by email at [Kathryn Roberts, kroberts@aqmd.gov and Mary  
19 Reichert, mreichert@aqmd.gov] and describe the inconsistent provisions, including  
20 providing any written directive from any other agency which Respondent considers  
21 inconsistent with one or more conditions in this Order. Respondent shall endeavor to  
22 resolve the inconsistency with the Executive Officer, while adhering to the Condition(s) in  
23 the Order. If the inconsistency is not resolved within 3 working days of the relevant agency,  
24 Respondent shall immediately inform the South Coast AQMD and shall petition for a  
25 status/modification hearing before the Hearing Board for further proceedings. At such  
26 proceeding, only the provision in dispute shall be resolved by the Hearing Board while the  
27 other conditions in this Order shall remain in full force and effect.

28 a. If Respondent notifies South Coast AQMD per Condition No. 36 above



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that the inconsistency with one or more Condition and an order of another agency cannot be resolved, compliance with the applicable Condition(s) of this Order shall be waived until further Order of the Hearing Board. Notwithstanding the above, in no instance shall compliance with Condition No. 36 or Condition No. 36(a) be waived.

- 37. Respondent shall return for a status hearing on January 16, 2024, or as soon thereafter as the Hearing Board can schedule the status hearing, to report on the status of implementation of this Stipulated Order, and consider modification or dissolution of this Order, as appropriate.
- 38. The Hearing Board may modify this Order for Abatement without the stipulation of the parties upon a showing of good cause therefore, and upon making the findings required by Health and Safety Code Section 42451(a) and District Rule 806(a). Any modification of the Order shall be made only at a public hearing held upon 10 days published notice and appropriate written notice to the Respondent.
- 39. The Hearing Board shall retain jurisdiction over this matter until September 6, 2024 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.
- 40. This Order for Abatement is not intended to be nor does it act as a variance. Respondent is subject to all rules and regulations of the District and to all applicable provisions of California law. Nothing herein shall be deemed or construed to limit the authority of the District to issue Notices of Violation, to seek civil penalties or injunctive relief, or to seek further Orders for Abatement or other administrative or legal relief. The Findings of Fact are based on evidence presented by Petitioner and Respondent as of the date of this Order.

BOARD MEMBER: Cynthia Verdugo-Peralta  
Cynthia Verdugo-Peralta, Chair

DATED: 09/07/23