BEFORE THE HEARING BOARD OF THE

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

In The Matter Of

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT,

Petitioner,

vs.

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

Respondent.

Case No. 6177-4

EXHIBIT D TO DECLARATION OF PATRICK SULLIVAN, BCES, CPP, REPA

Health and Safety Code § 41700, and District Rules 402, 431.1, 3002, 203, 1150

Hearing Date:	April 16 and 17, 2025
Hearing Time:	9:30 A.M.
Place:	Hearing Board South Coast Air Quality Management District, 21865 Copley Drive Diamond Bar, CA 91765

August 20, 2024
File No. 01204123.25, Task 10

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South Coast Air Quality Management District
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Subject: July 2024 Monthly Report for Modified Stipulated Order for Abatement (Case No. 6177-4), Chiquita Canyon Landfill (Facility ID 119219), Castaic, California

To Whom It May Concern:

SCS Engineers (SCS), on behalf of Chiquita Canyon, LLC (Chiquita), hereby provides the South Coast Air Quality Management District (SCAQMD) with a monthly report per the Modified Stipulated Order for Abatement (SOFA) (Case No. 6177-4). The SOFA was initially approved on September 6, 2023, and was subsequently modified on January 17, 2024, March 21, 2024, and April 24, 2024.

This report covers the monthly period for July 2024. Per Condition No. 8, the monthly report for July 2024 shall be due on the 20th of the month, August 20, 2024.

BACKGROUND

Chiquita Canyon Landfill (CCL) is a landfill/solid waste disposal facility located at 29201 Henry Mayo Dr., Castaic, California, 91384 (SCAQMD Facility No. 119219). In connection with the landfill, Chiquita operates a landfill gas collection and control system.

In 2023, CCL began experiencing increased levels of total reduced sulfur and sulfur oxides, in alleged noncompliance with its Title V permit.[1] In addition, CCL became the subject of numerous odor complaints from the public and was issued Notices of Violation by SCAQMD. The conditions at CCL indicate that the landfill is undergoing an elevated temperature landfill (ETLF) event. On September 6, 2023, a hearing was held before the SCAQMD Hearing Board to approve the SOFA which includes numerous measures to mitigate emissions resulting from the landfill's ETLF conditions. The SOFA was approved on September 6, 2023. Since then, the SOFA was modified on January 17, 2024, on March 21, 2024, and again on April 24, 2024, after hearings before the SCAQMD Hearing Board. This monthly report is following the approved conditions for the SOFA last modified on April 24, 2024.

Condition No. 8 of the SOFA requires monthly reports to be submitted via email to Baitong Chen, Nathaniel Dickel, and Christina Ojeda of the SCAQMD, which include the following information:

[1] CCL operated under an Ex Parte Emergency Variance (approved on February 8, 2023), an Interim Variance (approved on February 15, 2023 and issued in final on March 7, 2023), and a Regular Variance (approved on May 3, 2023 and issued in final on May 16, 2023). The Regular Variance ended on September 6, 2023, the effective date of the initial SOFA. The SOFA was modified on January 17, 2024, March 21, 2024, and April 24, 2024.

A. *The landfill gas sulfur compounds measurements and laboratory analysis with the time and date of each measurement or sample collection, as identified in Condition No. 5.*

B. *The landfill gas records and calculations identified in Condition No. 7, in a Microsoft Excel spreadsheet format. If the landfill gas records show any landfill gas combustion/control equipment (flares or thermal oxidizers) are offline for a period exceeding 7 consecutive calendar days, or offline for more than 15 calendar days in any one calendar month, Respondent shall report a detailed description of the reason(s) the equipment was offline (equipment breakdown, maintenance, construction, whether there was sufficient landfill gas control redundancy to control the collected landfill gas, etc.).*

C. *The integrated landfill surface sample analysis and landfill surface monitoring readings identified in Condition Nos. 9 and 10, in a Microsoft Excel spreadsheet format.*

D. *Estimated schedule for any replacement or refurbishment of granular activated carbon media in the Landfill Gas Treatment System (under Permit G55163, A/N 603249) identified in Condition No. 3. The landfill gas temperature at inlet of the Landfill Gas Treatment System (under Permit G55163, A/N 603249) identified in Condition No. 3(a).*

E. *Description of any problems or delays, if any, encountered or projected to occur pertinent to the execution of contracts, as well as the delivery, replacement, startup, and testing of any operation necessary to replenish and/or replace spent granular activated carbon media in the Landfill Gas Treatment System (under Permit G55163, A/N 603249). Respondent shall submit copies of documents or other records to support any problems or delays noted pursuant to this Condition No. 8(e) along with such description.*

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

G. *All wellhead temperature, temperature probe, and CO concentration readings, lab analysis, and Draeger tube readings for landfill gas from the past month in a Microsoft Excel spreadsheet format.*

H. *A graphic map showing location of each well with temperature exceedances (above 145 degrees Fahrenheit), each well with CO exceedances (above 1,000 ppmv and below 1,500 ppmv, and above 1,500 ppmv), and stratification of temperature ranges during that month, which includes a description of any remedial measures taken to address or lower gas well temperatures.*

I. *All vertical liquid impacted landfill gas wells, per Condition No. 17, including a description of any remedial measures taken to address or reduce liquids in landfill gas wells.*

J. *Updates on the investigation into the availability, viability, and utilization, including pilot testing if needed, of an alternative sulfur compound treatment system that controls, treats, or removes dimethyl sulfide ("DMS") and other sulfur compounds, if any.*

K. *A summary report on Respondent's implemented improvements to the landfill gas collection system beyond the additions to the landfill gas collection system required pursuant to Condition No. 15 and 8(m).*

L. *An inspection log for landfill cover and geosynthetic cover inspections, pursuant to Condition No. 30.*

M. *Any subsequent additions to the landfill gas collection system, pursuant to Condition No. 15; an updated vertical extraction well map detailing all existing fully functional working vertical extraction wells and the vertical extraction well additions completed within the month; a map showing an overlay of fully operational working wells, landfill surface monitoring grids, and outlines of the two defined areas pursuant to Condition 15(b); and copies of as-built well logs (regarding well depth installations and updates) for vertical extraction wells completed within the month.*

N. Any subsequent additions to the landfill gas condensate or leachate collection system, such as dewatering sumps/pumps, or other dewatering work performed per the dewatering guidelines and implementation plan pursuant to Condition No. 18.

O. Updates on the procurement and installation of the geosynthetic cover(s), pursuant to Condition No. 31, and including changes required or approved by the Local Enforcement Agency.

P. Updates on landfill excavation work subject to Rule 1150, including excavation location(s) (that are identified on graphic map(s) of the landfill), and excavated/exposed waste characteristics (saturated, semi-dry, dry, odor type and intensity, etc.) Excavation work occurring pursuant to an exemption as listed in South Coast AQMD Rule 1150(c)(3), or Rule 1150(c)(2) that is performed in the Reaction Area, must also be included in these updates.

Q. Updates regarding leachate including:

- *i. Leachate temperature recordings pursuant to Condition No. 27(a);*
- *ii. Daily log of inspection findings and containment activities pursuant to Condition 27(b);*
- *iii. Weekly record of leachate seepage and pooling pursuant to Condition 27(c);*
- *iv. Quantity of leachate measured, and associated company name and physical address of the off-site disposal/treatment facility(ies) that receive leachate generated by the landfill, pursuant to Condition 27(d); and*
- *v. A list of all hazardous and non-hazardous liquid storage and treatment facilities that have been contacted and current status of each facility including available, contracted, and utilized capacity to receive hazardous and non-hazardous landfill liquids.*

Pursuant to Condition No. 29, these monthly reports must also include the following:

> *Respondent shall ensure it has proper capacity (based on reporting pursuant to Condition 8) to accumulate onsite and/or dispose of collected liquids/leachate at an appropriate facility or facilities.*

Pursuant to Condition No. 35, these monthly reports must also include the following:

> *Respondent shall provide updates to these QA/QC documents (if any) and a log for calibration, and maintenance activities performed on the monitors in the monthly reports pursuant to Condition No. 8.*

Pursuant to Condition No. 55(g), these monthly reports must also include the following:

> *Respondent maintains records of condensate sampling/analysis results to demonstrate the liquid is non-hazardous, maintains records of daily condensate injection flows (gallons per day), and provides these records in the monthly report pursuant to Condition No. 8*

Pursuant to Condition No. 68, these monthly reports must also include the following:

> *Respondent shall by June 15, 2024, install appropriately ranged differential pressure gauges, with at least 0.01 inches water column resolution, or pressure gauge otherwise approved in writing by South Coast AQMD, on each leachate storage tank. Respondent shall monitor and record daily the differential pressure of each leachate tank, tank identification number, date and time of the reading, and the personnel that conducted the reading. Pressure gauges shall*

be calibrated according to manufacturer specifications and schedule. Respondent shall report all the recordings in the monthly report pursuant to Condition No. 8.

Pursuant to Condition No. 72, these monthly reports must also include the following:

Respondent shall conduct sampling and analysis, testing, installation, and monitoring of the leachate and landfill gas condensate collection and storage tank system, as specified below:

A. At least quarterly, conduct testing to sample and analyze the vapor flow in the piping used to vent the leachate storage tanks and landfill gas condensate tanks and route the vapors to the landfill gas control system. The testing shall at least include the following items and the results of this testing shall be provided in the monthly report pursuant to Condition No. 8:

- *i. vented leachate tank vapor flowrate,*
- *ii. vented condensate tank vapor flowrate,*
- *iii. vapor temperature,*
- *iv. concentrations of speciated organics (including but not limited to Rule 1150.1 Table 1 Carcinogenic and Toxic Air Contaminants),*
- *v. the total sulfur compounds as H2S and speciated sulfur compounds, and*
- *vi. testing at each of the locations indicated below:*
  1. *The tank vents or manifolds which are representative of a set of tanks;*
  2. *The header/manifold from each leachate tank farm or manifold including Tank Farm #7, Tank Farm #9, North Perimeter Manifold, New East Perimeter Manifold, LC Manifold, landfill gas condensate storage tanks, and any other future tank farms or manifolds, with testing performed upstream of the piping connection to the LFG Collection and Conveyance System where landfill gas may affect results; and*
  3. *The inlet of the flare(s) prior to combustion.*

B. A source test protocol for this testing shall be submitted to South Coast AQMD by May 17, 2024, unless otherwise approved in writing by South Coast AQMD. Testing shall be conducted within 45 days of receiving written approval of the source test protocol by South Coast AQMD, and the final results in a source test report format shall be submitted within 30 days of testing, unless otherwise approved in writing by South Coast AQMD.

C. Within 30 days of submission of the source test report, Respondent shall submit a recommendation from the Reaction Committee on additional vapor flow testing to the South Coast AQMD [attn: Baitong Chen, bchen@aqmd.gov; Nathaniel Dickel, ndickel@aqmd.gov; Christina Ojeda, cojeda@aqmd.gov].

D. Beginning April 29, 2024, at least daily, conduct pressure testing and monitoring within the HDPE header(s) venting the leachate storage tanks to quantify the vacuum from the flare station blowers exerted on the leachate tanks, in inches of Water Column (W.C.). Pressure testing and monitoring as specified in this condition is not required upon complete installation of pressure gauges as specified in Condition 68.

- *i. Daily pressure readings, pressure testing location, indication of the tank farm represented by the test results, and indication of each tank within the tank farm represented by the test results shall be submitted in the monthly report per Condition No. 8.*

E. By June 28, 2024, unless otherwise approved in writing by South Coast AQMD, install flow meters within the HDPE piping headers for associated leachate tank farms to

accurately measure and record the flow rate (scfm) and total daily volume of vented leachate tank vapors being sent to the flare station for combustion. The flow meters shall be installed according to manufacturer specifications and recommendations to ensure accurate flow readings.

i. Daily flow rate (scf/day), flow meter location, indication of the tank farm whose flow is being measured, and indication of each tank within the tank farm vented and represented in the flow rate shall be submitted in the monthly report per Condition No. 8.

Section A – LFG Sulfur Compound Measurements During Reporting Period

The LFG sulfur compounds measurements and laboratory analysis with the time and date of each measurement or sample collection, as identified in Condition No. 5.

Condition No. 5: Respondent shall sample, analyze, and record the landfill gas sulfur compounds combusted in each flare (as measured at sampling location FL-150 that is representative of the gas combusted in the flares under Permit G73696, A/N 45450; A/N 624296), in the thermal oxidizer/flare, and in any other landfill gas control equipment operating on site at least once each week using colorimetric tests for H2S and at least once each day sample for analysis for total sulfur compounds as H2S using South Coast AQMD Method 307-91. Additionally, Respondent shall sample, analyze, and record the landfill gas sulfur compounds and speciated organic compounds found in the raw, pre-treatment and pre-control, landfill gas collected from the Reaction Area (as defined in Condition 9(a)) at least once each calendar month for total sulfur compounds as H2S using South Coast AQMD Method 307-91 and for speciated organic compounds using U.S. Environmental Protection Agency (EPA) Method TO-15.

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

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

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

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

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

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

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

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.

The lab analyses performed, and reports received for the reporting period that are required by Condition 5, are presented in **Attachment A**. The FL-1995 (Flare 1), FL-2009 (Flare 2) and FL-2023 (Flare 3) samples are representative of the landfill gas combusted in the flares under Permit G73696 (A/N 645450; A/N 624296), in the thermal oxidizer/flare, and in any other LFG equipment operating on site. The Zeeco Inlet sample is raw, pre-treatment and pre-control, landfill gas (LFG) collected from the Reaction Area. This report includes analytical data sampled between July 1, 2024 and July 31, 2024. Tedlar bag samples were collected and analyzed by SCAQMD Method 307.91 for hydrogen sulfide, reduced sulfur compounds, and speciated organic compounds. Note that while readings were missed on July 9, 2024, analytical results would most likely have been consistent with the surrounding readings, as no significant changes were noted in the gas on that day. Speciated organic compounds are sampled using EPA Method TO-15. The Zeeco thermal oxidizer (TOx) and FL-2009 were sampled for TO-15 analysis on July 1, 2024 (reported on July 25, 2024).

Weekly colorimetric tests (Draeger tube) samples required by, and conducted pursuant to, Condition 5(b)(ii) and (iii) are identified in **Attachment F**. Daily colorimetric testing began on February 14, 2024 as required by the Rule 431.1, Alternative Monitoring Plan with total reduced sulfur (TRS) above 150 parts per million by volume (ppmv).

A summary of the colorimetric tests and laboratory analyses for LFG sulfur analyses is provided in the table below, covering the period of July 2024:

Date Sampled	Permanent Flare Station					Zeeco TOx (Reaction Area)			
	Flare	Draeger Tube (ppmv)	Lab Analysis (ppmv)			Draeger Tube (ppmv)	Lab Analysis (ppmv)		
		H2S	H2S	DMS	TRS	H2S	H2S	DMS	TRS
7/1/24	FL-2009	20	21.3	217	316.0	275	328	376	902.8
7/2/24	FL-2009	18	20.8	197	288.8	220	342	337	858.3
7/3/24	FL-2009	18	22.7	206	318.3	210	321	391	904.0
7/4/24	FL-2009	32	34.3	220	327.1	290	304	369	864.7
7/5/24	FL-2009	27	30.4	204	304.7	290	315	360	863.5
7/6/24	FL-2009	23	27	228	335.6	210	337	331	847.0
7/7/24	FL-2009	13	30.8	294	430.8	50	279	294	728.9
7/8/24	FL-2009	16	36.2	273	399.2	140	307	360	862.1
7/9/24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/10/24	FL-2009	22	46.4	241	372.7	320	369	219	714.3
7/11/24	FL-2009	30	46.6	282	422.7	380	400	306	877.3
7/12/24	FL-2009	32	49	237	360.9	390	279	376	886.9
7/13/24	FL-2009	25	28.3	261	368.9	225	313	464	1044.4
7/14/24	FL-2009	6	11.2	277	377.6	199	78.1	486	766.8
7/15/24	FL-2009	12	21.2	280	389.4	340	333	468	1076.2
7/16/24	FL-2009	12	15.4	286	385.4	200	263	570	1137.9
7/17/24	FL-2009	15	19.8	258	355.0	210	248	537	1067.8
7/18/24	FL-2009	18	21.7	266	372.0	200	242	486	986.1
7/19/24	FL-2009	18	26.2	294	421.6	210	310	481	1043.8
7/20/24	FL-2009	26	28.7	242	348.7	210	289	504	1071.1
7/21/24	FL-2009	25	27.2	265	386.9	205	333	732	1417.3
7/22/24	FL-2009	26	37	217	339.3	280	339	722	1411.7

Date Sampled	Permanent Flare Station					Zeeco TOx (Reaction Area)			
	Flare	Draeger Tube (ppmv)	Lab Analysis (ppmv)			Draeger Tube (ppmv)	Lab Analysis (ppmv)		
		H2S	H2S	DMS	TRS	H2S	H2S	DMS	TRS
7/23/24	FL-2009	17	23.3	275	367.0	200	338	702	1383.7
7/24/24	FL-2009	13	23.7	268	364.7	180	212	480	907.0
7/25/24	FL-2009	18	34.6	272	382.4	180	205	296	650.6
7/26/24	FL-2009	28	40.6	236	352.9	180	218	396	809.8
7/27/24	FL-2009	30	38	266	391.9	180	182	259	582.2
7/28/24	FL-2009	26	8.52	308	418.5	110	199	275	625.8
7/29/24	FL-2009	20	28	282	406.1	160	182	258	586.6
7/30/24	FL-2009	20	21.2	256	378.8	160	206	312	688.7
7/31/24	FL-2009	22	34.6	290	421.0	180	208	297	664.4

*N/A: Not Available.
*Flare 1 is FL-1995, Flare 2 is FL-2009, Flare 3 is FL-2023

Above summarized lab analyses are included in **Attachment A** and **Attachment F**.

Section B – LFG Records and Calculations

The landfill gas records and calculations identified in Condition No. 7, in a Microsoft Excel spreadsheet format. If the landfill gas records show any landfill gas combustion/control equipment (flares or thermal oxidizers) are offline for a period exceeding 7 consecutive calendar days, or offline for more than 15 calendar days in any one calendar month, Respondent shall report a detailed description of the reason(s) the equipment was offline (equipment breakdown, maintenance, construction, whether there was sufficient landfill gas control redundancy to control the collected landfill gas, etc.).

Condition No. 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 G73696, A/N 645450; flare No. 3 under A/N 624296), the thermal oxidizer (under Envent Corporation A/N 645484), the second thermal oxidizer/flare (under Zeeco A/N 648539), 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;*

b. *The daily flow of landfill gas not flared, in standard cubic feet, if applicable; and*

c. *The results of the sulfur readings, sampling, and analyses, calculated as H2S with the time and date when each measurement or sample collection was conducted.*

The above-mentioned lab analyses required by Condition 7(c) are included in **Attachment A** and the calculations are available in **Attachment B**.

In accordance with Condition 7(a), the flow rates for each flare as standard cubic feet per minute (scfm), scf per hour, and scf per day are provided in the calculation tables, and the hourly and daily flow of LFG combusted for the Zeeco TOx are available in **Attachment B**. The Envent TOx went offline on January 31, 2024, and was removed from the site.

In accordance with Condition 7(b), the daily flow of LFG not flared is available in **Attachment B**. The Ameresco Plant was offline the entire month and each of the flares experienced downtime on various days; therefore, there were excess emissions of LFG not flared on July 7, 9, 23, and 30, 2024 as shown in **Attachment B**. The Ameresco Plant has been offline since January 31, 2024 as Ameresco determines the proper disposal of their condensate. No other landfill gas combustion/control equipment went offline for a period exceeding 7 consecutive calendar days or for more than 15 calendar days in July 2024.

Section C – Surface Emissions Monitoring

The integrated landfill surface sample analysis and landfill surface monitoring readings identified in Condition Nos. 9 and 10, in a Microsoft Excel spreadsheet format.

Condition No. 9: Respondent shall collect integrated landfill surface samples for analysis across the Reaction Area (as defined in Condition 9(a)) at least every two weeks as specified in Rule 1150.1 Attachment A 2.0. In the event Respondent is unable to sample specific landfill surface area(s) or grid(s) due to inaccessibility or dangerous conditions for a technician, Respondent shall document the date and the conditions that do not allow the sampling of the specific area(s) or grid(s). Documentation shall be sufficient to show the inaccessibility or dangerous conditions and may include weather forecasts and actual rainfall measurements, or photographs and/or videos that depict the site conditions that prevent such sampling activities for each specific area or grid affected.

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

temperature probe, clearly distinguished from the landfill gas wells on the map

b. The Reaction Committee shall review applicable data and shall consider revision to the Reaction Area as frequently as appropriate but shall make a determination about whether to revise the Reaction Area map at least once per month, with the determination and revised Reaction Area map (if applicable) and temperature probe readings (once data is available) in an Excel format, submitted to the South Coast AQMD [attn: Baitong Chen, bchen@aqmd.gov; Nathaniel Dickel, ndickel@aqmd.gov; Christina Ojeda, cojeda@aqmd.gov] no later 7 days following the end of the month.

Condition No. 10: Respondent shall conduct instantaneous landfill surface monitoring across the Reaction Area (as defined in Condition 9(a)) at least every two weeks as specified in Rule 1150.1, Attachment A 3.0, beginning no later than seven (7) days after the issuance of this Order. In the event Respondent is unable to monitor specific landfill surface area(s) or grid(s) due to inaccessibility or dangerous conditions for a technician, Respondent shall document the date and the conditions that do not allow the monitoring of the specific area(s) or grid(s).

- July's integrated landfill surface sampling was completed on July 10, 17, and 23, 2024, resulting in exceedances on July 10, 17, and 23, 2024.
    - The 10-day Corrective Action and follow-up monitoring was completed for the July 10, 2024 exceedances on July 16, 2024, and showed compliant readings.
    - The 10-day Corrective Action and follow-up monitoring was completed for the July 17, 2024 exceedances on July 25, 2024, and showed complaint readings.
    - The 10-day Corrective Action and follow-up monitoring was completed for the July 23, 2024 exceedances on August 2, 2024, and showed compliant readings.
- As stated in the last monthly report, the 10-day Corrective Action and follow-up monitoring was completed for the June 17, 2024 exceedances on June 26, 2024, and showed exceedances. A second 10-day Corrective Action and follow-up monitoring was completed for the June 26, 2024 exceedances on July 2, 2024, and showed complaint readings.
- July's instantaneous landfill surface monitoring was conducted on July 3, 16, 30, and 31, 2024, resulting in exceedances on July 3, 16, 30, and 31, 2024.
    - The 10-day Corrective Action and follow-up monitoring was completed for the July 3, 2024 exceedances on July 10, 2024, and showed compliant readings.
    - The 10-day Corrective Action and follow-up monitoring was completed for the July 16, 2024 exceedances on July 25, 2024, and showed compliant readings.

- The 10-day Corrective Action and follow-up monitoring for the July 30 and 31, 2024 exceedances was conducted in August and will be summarized in next month's report.

- The 1-month re-monitoring event was conducted on August 2, 2024, for the July 3, 2024 exceedances, and showed compliant readings.

- The 1-month re-monitoring events have been or will be performed in August for the exceedances on July 16, 30, and 31, 2024, and will be summarized in the next monthly report.

- As stated in the last monthly report, June's instantaneous landfill surface monitoring was conducted on June 5, 19, 20, 24, and 25, 2024, resulting in exceedances on June 5, 19, 20, 24, and 25, 2024.[2]

    - As further stated in the last monthly report, the 10-day Corrective Action and follow-up monitoring was completed on June 14 for the exceedances on June 5, on June 27 for the exceedances on June 19 and 20, and on July 2 for the exceedances on June 24 and 25, 2024, and showed compliant readings.

    - The 1-month re-monitoring was conducted on July 2 for the exceedances on June 5, on July 15 for the exceedances on June 19 and 20, and on July 23 for the exceedances on June 24 and 25, 2024, and showed compliant readings.

The integrated landfill surface sample analysis and landfill surface monitoring readings are included in **Attachment C**.

<u>Section D – Schedule for Replacement or Refurbishment of Granular Activated Carbon Media</u>

Estimated schedule for any replacement or refurbishment of granular activated carbon media in the Landfill Gas Treatment System (under Permit G55163, A/N 603249) identified in Condition No. 3. The landfill gas temperature at inlet of the Landfill Gas Treatment System (under Permit G55163, A/N 603249) identified in Condition No. 3(a).

Condition No. 3: Respondent shall expedite, to the maximum extent feasible, replacement of granular activated carbon media in the Landfill Gas Treatment System (under Permit G55163, A/N 603249), including the execution of contracts, as well as the delivery, replacement, startup, and testing of any operation necessary to replenish and/or replace spent granular activated carbon media in the Landfill Gas Treatment

[2] The June 2024 report submitted on July 22, 2024 mistakenly identified the June instantaneous landfill surface monitoring dates as June 5, 19, 20, 25, and 29, 2024. The correct dates were June 5, 19, 20, 24, and 25, 2024. These dates have been corrected in this report.

System. Respondent shall ensure adequate stock of all odor control products and supplies are maintained on site.

a. Respondent shall monitor and record the landfill gas temperature at least daily at the inlet of the Landfill Gas Treatment System. The temperature of the landfill gas shall not exceed 145 F.

The Landfill Gas Treatment System (LFGTS) currently consists of four carbon adsorber vessels. Only two or three of the four vessels are online during normal operations, with one vessel offline awaiting servicing to replace spent media or on standby with fresh granular activated carbon media. A vessel had been typically serviced every 4 to 8 weeks. Colorimetric tests are performed on the outlet of the operating vessels approximately weekly to determine if a vessel may require an adjustment to the flow or schedule service to replace the media.

H_2S vessels are being changed out at a lower concentration to ensure that fresh carbon is available for treatment, and H_2S levels are minimized. At the start of the reporting period (July 1, 2024), three vessels (ST-1, ST-3, and ST-4) were online processing the LFG. Vessel ST-2 was taken offline due to damage from a thermal event on January 15, 2024. Repairs to vessel ST-2 were completed on July 11, 2024. ST-2 was tested for pressure/vacuum on August 2, 2024 and passed; the vessel has been filled with carbon and is awaiting activation. Vessels ST-1, ST-2, ST-3, and ST-4 are scheduled to be online by the end of August..

As a vessel is refilled with fresh media, it will be brought partially online by the next regular business day to control the rise in temperature of the outlet gas so that it can be brought fully online when needed. The vessel change out frequency has been shortened to approximately 2 weeks. Vessel ST-1 change out was completed on July 1 through July 2, 2024, filling with 25,000 pounds of Darco BG1 granular activated carbon. On July 3, 2024, vessel ST-1 was slowly brought online to control the rise in temperature of the outlet gas and was fully online on July 14, 2024. Vessel ST-4 change out was completed on July 15 through July 16, 2024. Vessel ST-4 was filled with 25,000 pounds of Darco BG1 granular activated carbon. Vessel ST-4 was slowly brought online beginning on July 17, 2024 and was fully online on July 27, 2024. Vessel ST-3 change out was completed on July 28 through July 30, 2024. Vessel ST-3 was filled with 25,000 pounds of Darco BG1 granular activated carbon. Vessel ST-3 was slowly brought online beginning on July 31, 2024 and was fully online on August 11, 2024. At the end of the reporting period (July 31, 2024), three vessels (ST-1, ST-3, and ST-4) were online processing the LFG. The next change out was started on August 12, 2024 and completed on August 13, 2024 at vessel ST-1 filling with 25,000 pounds of Darco BG1 granular activated carbon.

The LFGTS inlet temperatures have been below 145°F. Recording of inlet temperatures were not recorded on July 12th, 20th and 30th, but otherwise read consistently throughout the reporting period. Daily vessel inlet temperatures are manually recorded and available in **Attachment D**.

<u>Section E – Description of Problems or Delays</u>

Description of any problems or delays, if any, encountered or projected to occur pertinent to the execution of contracts, as well as the delivery, replacement, startup, and testing of any operation necessary to replenish and/or replace spent granular activated carbon media in the Landfill Gas Treatment System (under Permit G55163, A/N 603249). Respondent shall submit copies of documents or other records to support any problems or delays noted pursuant to this Condition No. 8(e) along with such description.

Due to the increase in temperature of the LFG when exposed to fresh media, the new vessels have been slowly brought online to avoid damaging the fiber reinforced plastic (FRP) vessels. This has been managed by starting the vessel with fresh media by the next business day after being filled with fresh media. The fresh media vessel will then be brought fully online when needed to reduce the H2S concentration of the LFG.

Section F – Specifications of Equipment and Materials for Weekly Colorimetric Tests

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

The weekly colorimetric tests are completed with the Draeger Accuro 64000 bellows hand pump with either Draeger hydrogen sulfide colorimetric tubes Model 6728821 (2 to 200 ppm) or Model CH29801 (5 to 60 ppm). With the higher concentrations at the Zeeco TOx, Model CH29101 (100 to 2000 ppm) colorimetric tubes are used. The specifications of the equipment and materials that have been used for the colorimetric test were previously included in the initial weekly variance report provided on February 13, 2023 in Case No. 6177-3, as required under the previous emergency variance. There has been no change in the specifications since the March 2024 report with the addition of the model CH29101 data sheet.

Section G – Wellhead Temperature and CO Readings

> **All wellhead temperature, temperature probe, and CO concentration readings, lab analysis, and Draeger tube readings for landfill gas from the past month in a Microsoft Excel spreadsheet format**

Wellhead temperature and CO concentration readings for the past month are included in **Attachment E**. Lab analysis and Draeger tube readings for the past month are included in **Attachment A** and **Attachment F**, respectively.

The temperature monitoring probes have been installed and temperature probe daily average data for the past month is included in **Attachment E**.

Section H – Graphic Map

> **A graphic map showing location of each well with temperature exceedances (above 145 degrees Fahrenheit), each well with CO exceedances (above 1,000 ppmv and below 1,500 ppmv, and above 1,500 ppmv), and stratification of temperature ranges during that month, which includes a description of any remedial measures taken to address or lower gas well temperatures.**

A graphic map with the above information is included in **Attachment G.** An increased volume of gas and leachate is being extracted from elevated temperature wells located in the Reaction Area to help remove accumulated heat in the waste mass.

Section I – Status of Vertical Liquid Impacted Landfill Gas Wells

All vertical liquid impacted landfill gas wells, per Condition No. 17, including a description of any remedial measures taken to address or reduce liquids in landfill gas wells.

> *Condition No. 17: Respondent shall expeditiously dewater wells being impacted by liquids to the maximum extent feasible, and shall take proactive measures to remove additional liquids in the Reaction Area to limit the reaction severity and spread. This shall be accomplished through the installation of dewatering sumps/pumps of at least 60 percent of the landfill gas vertical extraction wells in the Reaction Area (as defined in Condition 9(a)) that are capable of extracting liquids by March 15, 2024 unless otherwise determined infeasible per Condition No. 17(a) below. Respondent shall provide updates in the monthly reports pursuant to Condition No. 8.*
>
> *a. In the event Respondent determines that the installation of dewatering sump/pump of at least 60 percent of the landfill gas vertical extraction wells that are capable of extracting liquids to be infeasible, Respondent shall provide detailed rationale and reasoning in the monthly report submitted pursuant to Condition No. 8, and shall continue with implementation of the dewatering guidelines pursuant to Condition No. 18 to remove liquids to the maximum extent possible.*

CCL continued to install pumps in vertical extraction wells to expeditiously dewater wells impacted by Liquids in the month of July. CCL had completed the installation of 69 pumps in vertical extraction wells, and was operating 57 pumps in vertical LFG extraction wells as of August 1, 2024. Additional time beyond installing new pumps was spent installing the geomembrane capping, which includes the temporary removal of force main piping and the temporary turning off of pumps, transitioning from existing operating pneumatic pumps to Lorentz pumps, and training on installation of new Jeneer pumps.

<u>Section J – Status of Investigation for Alternate Sulfur Compound Treatment Systems</u>

Updates on the investigation into the availability, viability, and utilization, including pilot testing if needed, of an alternatives sulfur compound treatment system that controls, treats, or removes dimethyl sulfide ("DMS") and other sulfur compounds, if any.

Updates on the investigation into the availability, viability, and utilization of an alternative sulfur compound treatment system that controls, treats, or removes DMS and other sulfur compounds, if any, are described in the Reaction Committee Study on DMS Treatment and Preventative Mechanisms Chiquita Canyon Landfill, submitted to the SCAQMD on April 30, 2024, and which was previously included in the monthly report for April 2024.

Clean Harbors performed a bench scale test from June 20–22, 2024 as a potential research option for DMS removal. Landfill gas was pulled out of the existing gas collection and control system (GCCS system) at a flow rate of about 50 cfm, was passed through a small blower and then through an air stripper modified to use potassium permanganate solution as the stripping agent, and then returned to the existing GCCS system. Periodic gas samples (inlet and outlet) were also taken; the gas samples, circulating fluid measurements, and precipitate analysis were being evaluated in conjunction to determine effectiveness, size, and possible chemical demand of a larger scale permanganate gas treatment system. Results indicated that the reduction in DMS and other sulfur compounds did not

increase significantly, thus further testing or exploration of additional alternatives may be required. Resultant reports are included herein as **Attachment H**.

Section K – SCS's Implemented Improvements

> **A summary report on Respondent's implemented improvements to the landfill gas collection system beyond the additions to the landfill gas collection system required pursuant to Condition No. 15 and 8(m).**

In addition to the vertical well drilling and pump installation, CCL has continued the installation of surface collectors underneath the geomembrane cap, the expansion of the leachate collection system and header system in areas that the geomembrane cap has been completed, and the rebuilding and restarting operation of the Zeeco thermal oxidizer unit.

Section L – Cover Inspections to the LFG Collection System

> **An inspection log for landfill cover and geosynthetic cover inspections, pursuant to Condition No. 30.**
>
> > *Condition No. 30: Respondent shall visually inspect the landfill cover and geosynthetic cover(s) in and around the Reaction Area (as defined in Condition 9(a)) each operating day and shall promptly repair any cover issues identified, which may include adding and spreading of clean soil, wetting, retracking the damaged area, and repairing or resealing of the geosynthetic cover. All repair and correction actions to the landfill cover, and interim repair of geosynthetic cover shall be conducted promptly and no later than two hours after identification during inspection, safety permitting. Permanent repair of geosynthetic cover shall be scheduled immediately and shall take place as soon as possible following identification of cover issue. Respondent shall maintain a log demonstrating that it has addressed any damages to the landfill cover or geosynthetic cover, including the date the damage was identified, the action taken to repair the damage, and the time at which the repair was completed. Results of the daily inspection and the repair log required by this condition shall be included in the monthly reports required pursuant to Condition No. 8.*

Routine landfill cover and geosynthetic cover inspections and repairs, as needed, were performed and logged throughout the month of July 2024. Results of the daily inspection and the repair log are provided in **Attachment I**. Chiquita has a full-time operator that is responsible for repairing covers in the Reaction Area. Landfill cover cracks are repaired on an immediate and ongoing basis by the operator that makes such observations by tracking over the area and adding small amounts of water when necessary.

Section M – Subsequent Additions to the LFG Collection System

> **Any subsequent additions to the landfill gas collection system, pursuant to Condition No. 15; an updated vertical extraction well map detailing all existing fully functional working vertical extraction wells and the vertical extraction well additions completed within the month; a map showing an overlay of fully operational working wells, landfill surface monitoring grids, and outlines of the two defined areas pursuant to Condition 15(b); and copies of as-built well logs**

(regarding well depth installations and updates) for vertical extraction wells completed within the month.

> *Condition No. 15: Respondent shall continue to evaluate and install, as needed, vertical dual extraction wells to collect both landfill gas and leachate. Respondent shall continue to expand the well-field as needed, and notify South Coast AQMD by October 31, 2023 of the number of wells added, attention to Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov). Any subsequent additions to the well-field shall be documented in the monthly reports pursuant to Condition 8. In installing any additional wells, Respondent shall ensure it complies with all conditions in Respondent's currently operative landfill gas collection system permit. In installing any additional wells pursuant to this Condition, Respondent shall additionally take the following measures: (…)*

In the month of July 2024, 21 new vertical LFG extraction wells were installed in accordance with all conditions in the current LFG collection system permit and pursuant to all conditions in this SOFA. The 21 new vertical wells installed in July 2024 were part of a larger expansion of the well field, including, but not limited to, additional vertical LFG extraction wells, header and lateral piping, and associated valves that are being planned. A map of all installed and functional wells, surface monitoring grids, outlines of the two defined areas, and the 21 wells installed in July along with their associated well logs is included in **Attachment K**. Subsequent additions to the system will be documented in these monthly reports. As of July 1, 2024, CCL had completed the installation of 167 (equivalent to 78%) of the planned 213 wells necessary to achieve the required well installation density, which is more than 50% of the wells necessary to achieve the well installation density laid out in Condition 15(b). As of July 31, 2024, CCL had completed the installation of a total of 189 wells (equivalent to 89%).

Section N – Additions to the LFG Condensate or Leachate Collection System

Any subsequent additions to the landfill gas condensate or leachate collection system, such as dewatering sumps/pumps, or other dewatering work performed per the dewatering guidelines and implementation plan pursuant to Condition No. 18.

> *Condition No. 18: Respondent shall, in addition to the installation of dewatering sumps/pumps specified in Condition No. 17 above, within ninety (90) days of the issuance of the Initial Order, provide proposed Reaction Area dewatering guidelines and implementation procedures for the landfill to South Coast AQMD (Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov)) that include but are not limited to the following: (…)*

The dewatering guidelines were submitted to SCAQMD on December 5, 2023, and are posted on CCL's website. Revised dewatering guidelines to address SCAQMD comments received on March 13, 2024, were submitted to SCAQMD on April 4, 2024. Further revised dewatering guidelines to address SCAQMD's additional comments received on May 21, 2024 were submitted to SCAQMD on June 7, 2024.

The evaluation of vertical wells for the installation of dewatering pumps is ongoing. CCL had completed the installation of 69 pumps in vertical extraction wells and was operating 57 pumps in vertical LFG extraction wells as of August 1, 2024. Additional time beyond installing new pumps was spent

installing the geomembrane capping, which includes the temporary removal of force main piping and the temporary turning off of pumps, transitioning from existing operating pneumatic pumps to Lorentz pumps, and training on installation of new Jeneer pumps.

Section O – Updates of the Geosynthetic Cover

Updates on the procurement and installation of the geosynthetic cover(s), pursuant to Condition No. 31, and including changes required or approved by the Local Enforcement Agency.

> ***Condition No. 31: Respondent shall install a geosynthetic cover over western portions of Module 2B/3/4 Phase 2, Module 2B/3, and Module 4 to limit the migration of landfill gas from the site. Respondent shall submit the completed design for the cover, which will provide greater definition to the cover location, including associated landfill gas extraction infrastructure to be installed underneath the cover, to the South Coast AQMD by September 12, 2023 (Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)). Respondent shall then obtain and install the geosynthetic cover material of at least 30 mil thickness. Respondent shall notify South Coast AQMD by October 31, 2023 (Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)) on the progress of procuring and installing the geosynthetic cover. Respondent shall include updates on the procurement and installation of the geosynthetic cover in the monthly reports pursuant to Condition 8.***

As discussed in prior monthly reports, the geosynthetic cover will cover western sloped areas of the Reaction Area, northern sloped areas of the Reaction Area, and the top deck of the Reaction Area. CCL submitted a revised cover installation workplan to SCAQMD on March 13, 2024, and a further revised workplan to the Local Enforcement Agency on May 14, 2024. The Local Enforcement Agency's June 6, 2024 Compliance Order extended the date for installation of the geosynthetic cover to August 2, 2024.

CCL submitted a revised installation workplan to the U.S. Environmental Protection Agency (EPA) on July 9, 2024, to address EPA's Unilateral Administration Order (UAO), Section VIII, Paragraph 22(c)(3), and EPA's comments and requested edits in its June 27, 2024 correspondence. The revised Cover Installation Plan was attached to last month's report.

As of August 2, 2024, CCL had installed approximately 41 acres of geosynthetic cover at the Landfill. CCL requested an extension of the date for installation of the geosynthetic cover to complete CCL's installation of the west slope toe drain and the approximately 3.4 additional acres of geosynthetic cover on the west slope. The Local Enforcement Agency granted this request on August 13, 2024, providing an extension to October 23, 2024. See **Attachment J** for CCL's request and the Local Enforcement Agency's response. This updated schedule includes the area of the landfill that is currently covered by the scrim and will be replaced by the geosynthetic cover once liquid levels in the area have dropped.

West Slope Regrading: CCL has completed grading the toe on the western slope of the Landfill to eliminate the bulge and smooth the slope.

Existing Liner Repairs: CCL has not yet been able to begin liner repairs because CCL continues to dewater the western slope to address leachate seepage. CCL completed drilling on the western slope as of January 9, 2024. Dewatering of the western slope was forced to pause in February and March 2024, but CCL is actively working to re-install and operate pumps in all wells on the west slope to dewater the western toe enough to repair the liner. Preparation of appropriate health and safety plans for the repair work was in process as of July 31, 2024.

Cutoff Trench: Construction of the cutoff trench began in mid-November 2023 as CCL completed the western slope regrading. CCL continued to evaluate the plans for this trench as dewatering of the western slope continued through July 2024.

Clearing and Grubbing: Clearing and grubbing of approximately 2.8 acres on the top deck was completed in July. Future clearing and grubbing will continue as cover construction progresses.

Landfill Gas (LFG) Surface/Horizontal Collectors: CCL completed installation of surface collectors underneath the installed 2.8 acres installed on the top deck in July 2024. CCL will continue to install surface collectors as cover construction continues.

Bench Grading: All necessary bench grading has been completed.

Subgrade Prep: Approximately 2.8 acres on the top deck was completed in July 2024. Subgrade preparation work is completed immediately prior to cover installation.

Geosynthetic Cover Procurement: The 30-mil geosynthetic cover material has been delivered to the site.

Geosynthetic Cover Placement: Approximately 2.8 acres on the top deck in July 2024. The total acreage of geosynthetic cover installed is approximately 41 acres as of July 31, 2024.

Bench Collector & Operations Layer: As noted in CCL's October 31 update, this work will begin once the geosynthetic cover material is in place at a large enough area to begin placement.

Section P – Updates of the Landfill Excavation Work Subject to Rule 1150

> **Updates on landfill excavation work subject to Rule 1150, including excavation location(s) (that are identified on graphic map(s) of the landfill), and excavated/exposed waste characteristics (saturated, semi-dry, dry, odor type and intensity, etc.) Excavation work occurring pursuant to an exemption as listed in South Coast AQMD Rule 1150(c)(3), or Rule 1150(c)(2) that is performed in the Reaction Area, must also be included in these updates.**

No non-exempted Rule 1150 excavation work was conducted in July 2024.

In July 2024, a total of 22 vertical wells were drilled, resulting in the excavation of waste. During the excavation of these 22 wells, the waste was observed as municipal solid waste and with moisture at deeper depths. Odors at all wells were consistent with typical LFG drilling operations. A map with a table describing the characteristics of the excavated waste is provided in **Attachment K.**

Section Q – Updates of the Leachate

Updates regarding leachate including:

Condition No. 27: Respondent shall conduct the following actions and report them to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)] in each monthly report submitted pursuant to Condition No. 8 beginning with the report due on February 19, 2024:

i. Leachate temperature recordings pursuant to Condition No. 27(a);

a. Measure and record the leachate temperature within all the 6-inch leachate pipes feeding into the onsite frac tanks, and at the piping leading into the tanks at all tank farms. The temperature measurements reported shall include a map clearly indicating temperature monitoring location(s), and the reported results shall clearly state which tank(s) or tank farm(s) are downstream of the monitoring location, receiving the measured leachate;

The leachate temperature data for the leachate pipes feeding into the onsite frac tanks and into the tanks at all tank farms were collected in July 2024 and are included in Attachment L.

ii. Daily log of inspection findings and containment activities pursuant to Condition 27(b);

b. Respondent shall have dedicated staff or a contractor conduct and document inspections twice each calendar day, once in the morning, completing the inspection prior to 10 am, and once in the afternoon, starting the inspection at 1 pm at the earliest. The inspections shall begin with the surface of the Western and Northern slopes of the Reaction Area for liquid/leachate seepage and pooling and shall additionally consist of inspecting the facility's stormwater channel(s), and the facility's stormwater basin(s). Respondent shall maintain records from each inspection that include the details of any leachate seepage and pooling, including location(s) (identified on graphic map(s) of the landfill, with the subject landfill grid, and GPS coordinates), time discovered, estimated duration of presence of leachate at such locations, the characteristics of the leachate (estimated quantity in gallons, extent of area impacted in square footage, odor type and intensity), the leachate saturation level of surrounding soils (standing free liquid, saturated, semi-dry, dry), and additional containment systems or measures deployed to route, collect, and contain the exposed leachate and prevent further leachate exposure;

i. In the event that two weeks of twice daily inspections show no exposed liquid/leachate seepage or pooling, Respondent may reduce the inspection frequency to once daily. If after another two weeks of daily inspections, no exposed liquid/leachate seepage or pooling is observed, Respondent may reduce the inspection frequency to once every other day during the operating week (i.e., three times each operating week). If at any point inspections show exposed liquid/leachate seepage

or pooling, inspection frequency shall return to twice daily inspections.

iii. Weekly record of leachate seepage and pooling pursuant to Condition 27(c);

c. On a weekly basis, compile and report the details of the inspection logs from that calendar week required under Condition 27(b). Respondent shall additionally report on any ongoing leachate seepage and pooling at the landfill, found to have occurred at a location more than once within the calendar week, including location(s) (identified on graphic map(s) of the landfill), estimated duration of presence of leachate at such locations, characteristics of leachate (estimated quantity, extent of area impacted, odor type and intensity), leachate saturation of surrounding soils (standing free liquid, saturated, semi-dry, dry), and containment systems or measures deployed to route, collect, and contain the exposed leachate and prevent further leachate exposure. By no later than January 23, 2024, Respondent shall submit to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov), and Christina Ojeda, Air Quality Inspector, (cojeda@aqmd.gov)], the first weekly report, and shall submit an additional weekly report every 7 calendar days thereafter;

The daily logs of inspection findings and containment activities and the weekly reports of leachate seepage and pooling required by Conditions 27(b) and 27(c) are included in **Attachment M**.

iv. Quantity of leachate measured, and associated company name and physical address of the off-site disposal/treatment facility(ies) that receive leachate generated by the landfill, pursuant to Condition 27(d); and

d. Measure and record quantities of leachate sent off-site for disposal/treatment during the previous week for so long as all leachate is transported offsite for disposal. Records shall include the associated company name and physical address of the off-site disposal/treatment facility(ies) that receive leachate generated by the landfill. If Respondent begins onsite treatment, it shall also record on a weekly basis quantities of leachate collected and leachate treated onsite. Respondent shall report this information in the monthly reports pursuant to Condition 8(c). Respondent shall submit copies of the manifests to South Coast AQMD within three weeks of request.

The quantity of leachate sent offsite for disposal/treatment, associated company name and physical address of the off-site disposal/treatment facilities are included in **Attachment N**. Chiquita began treating leachate onsite in February 2024. Details regarding the quantity of leachate treated onsite is also included in **Attachment N**. Chiquita is providing this information to the best of its knowledge; this information is subject to change based on further review and verification.

v. A list of all hazardous and non-hazardous liquid storage and treatment facilities that have been contacted and current status of each facility including available, contracted, and utilized capacity to receive hazardous and non-hazardous landfill liquids.

The chart below provides a list of each hazardous and non-hazardous liquid storage and treatment facility and its respective contracted and maximum available capacities as of July 31, 2024. The available capacity is established by the storage and treatment facility and fluctuates daily, subject to change and adjustment by the facility. Chiquita utilizes all capacity made available by the facility to the extent liquids are available for disposal and to the extent feasible by the receiving facility.

Facility Name	Hazardous/Non-Hazardous	Contracted Capacity	Maximum Available Capacity
Avalon	Non-Hazardous	150,000 gal/day during week (50,000 gal/day Saturday)	150,000 gal/day during week (50,000 gal/day Saturday)
East Valley Remediation	Non-Hazardous	13 trucks/day (approx. 65,000 gal/day); 6 days/week	13 trucks/day (approx. 65,000 gal/day); 6 days/week
Clean Harbor - UT	Hazardous	1 truck/day (approx. 5,000 gal/day); 5 days/week	1 truck/day (approx. 5,000 gal/day); 5 days/week
Clean Harbor – NE	Hazardous	4 trucks/day (approx. 20,000 gal/day); 5 days/week	4 trucks/day (approx. 20,000 gal/day); 5 days/week
Clean Harbor – TX	Hazardous	3 rail cars/week (approx. 60,000 gallons/week)	3 rail cars/week (approx. 60,000 gallons/week)
Clean Harbors – ISO*	Non-Hazardous	4 trucks/day (approx. 20,000 gal/day); 5 days/week	4 trucks/day (approx. 20,000 gal/day); 5 days/week
US Ecology – Nevada	Non-Hazardous	5 trucks/day (approx. 25,000 gallons/day); 5 days/week	5 trucks/day (approx. 25,000 gallons/day); 5 days/week
Durham – Arizona**	Non-Hazardous	Approx. 80,000 gallons/day	Approx. 80,000 gallons/day

* Chiquita sent test loads to Clean Harbors ISO on June 7, 14, and 17, 2024. Chiquita began consistently shipping leachate to the disposal facility on July 8, 2024, except Clean Harbors ISO did not accept leachate from July 19 through July 30, 2024.

** Chiquita sent test loads to Durham – Arizona on July 23 and 24, 2024. Chiquita began more consistently shipping leachate to the facility on July 29, 2024.

Section R – Proper Capacity

Updates on proper capacity:

Condition No. 29. Respondent shall ensure it has proper capacity (based on reporting pursuant to Condition 8) to accumulate onsite and/or dispose of collected liquids/leachate at an appropriate facility or facilities.

As demonstrated above in Section Q, CCL has proper capacity to accumulate onsite and/or dispose of collected liquids/leachate at appropriate facilities.

Section S – Monitoring Station Data

Updates regarding air monitoring stations:

Condition No. 35. Respondent shall, by January 19, 2024, provide all standard operating procedures (SOPs) and any other Quality Control and Quality Assurance (QA/QC) documents describing the operation and maintenance of all instruments used at the air monitoring stations and/or enhanced monitoring stations specified in Condition No. 34. These QA/QC documents shall include detailed information on the calibration, and maintenance of the monitoring equipment and associated instrumentation, and procedures used for data handling, validation, and analysis. They shall additionally include the frequency/schedule of these actions. Respondent shall provide these QA/QC documents to South Coast AQMD [Baitong Chen, Air Quality Engineer, (bchen@aqmd.gov); Nathaniel Dickel, Senior Air Quality Engineer, (ndickel@aqmd.gov); Christina Ojeda, Air Quality Inspector, Payam Pakbin, Atmospheric Measurements Manager, ppakbin@aqmd.gov)]. Respondent shall provide updates to these QA/QC documents (if any) and a log for calibration, and maintenance activities performed on the monitors in the monthly reports pursuant to Condition No. 8. (…)

There were no updates or changes to the Air Monitoring QA/QC documents during the reporting period. Monthly maintenance and quarterly maintenance were performed on July 1, 16, 17, 18, and 31, 2024. Maintenance activities were conducted at MS-01, MS-04, MS-06, MS-07, MS-08, MS-09, and MS-12. Maintenance activities included leak checks, gas and PM flow checks, filter replacements, PM zero flow checks, Particle Profiler inlet cleaning, internal temperature checks, and calibration. The associated Field Data Sheets are found in **Attachment O**.

Section T – Condensate Sampling/Analysis

Records of condensate sampling/analysis results:

Condition No. 55(g). Respondent maintains records of condensate sampling/analysis results to demonstrate the liquid is non-hazardous, maintains records of daily condensate injection flows (gallons per day), and provides these records in the monthly report pursuant to Condition No. 8

Condensate injection is recorded at the flare station but is currently off until the condensate is analyzed and confirmed to be non-hazardous. Therefore, the condensate injection flows for July 2024 is zero.

Section U – Records of Pressure Testing Information

Condition No. 68. Respondent shall by June 15, 2024, install appropriately ranged differential pressure gauges, with at least 0.01 inches water column resolution, or pressure gauge otherwise approved in writing by South Coast AQMD, on each leachate storage tank. Respondent shall monitor and record daily the differential pressure of each leachate tank,

tank identification number, date and time of the reading, and the personnel that conducted the reading. Pressure gauges shall be calibrated according to manufacturer specifications and schedule. Respondent shall report all the recordings in the monthly report pursuant to Condition No. 8.

For the reasons described in Chiquita's June 12, 2024 correspondence to South Coast AQMD, Chiquita requested and received an extension of this installation deadline until after Chiquita received the pressure gauges on site. Chiquita completed installation of all pressure gauges on the leachate storage tanks in accordance with Condition No. 68 as of July 10, 2024. The pressure gauges were calibrated according to manufacturer specifications and schedule. The gauge pressure readings for the month of July are included in Attachment Q.

Condition No. 72. Respondent shall conduct sampling and analysis, testing, installation, and monitoring of the leachate and landfill gas condensate collection and storage tank system, as specified below:

A. At least quarterly, conduct testing to sample and analyze the vapor flow in the piping used to vent the leachate storage tanks and landfill gas condensate tanks and route the vapors to the landfill gas control system. The testing shall at least include the following items and the results of this testing shall be provided in the monthly report pursuant to Condition No. 8:
   i. vented leachate tank vapor flowrate,
   ii. vented condensate tank vapor flowrate,
   iii. vapor temperature,
   iv. concentrations of speciated organics (including but not limited to Rule 1150.1 Table 1 Carcinogenic and Toxic Air Contaminants),
   v. the total sulfur compounds as H2S and speciated sulfur compounds, and
   vi. testing at each of the locations indicated below:
      1. The tank vents or manifolds which are representative of a set of tanks;
      2. The header/manifold from each leachate tank farm or manifold including Tank Farm #7, Tank Farm #9, North Perimeter Manifold, New East Perimeter Manifold, LC Manifold, landfill gas condensate storage tanks, and any other future tank farms or manifolds, with testing performed upstream of the piping connection to the LFG Collection and Conveyance System where landfill gas may affect results; and
      3. The inlet of the flare(s) prior to combustion.

B. A source test protocol for this testing shall be submitted to South Coast AQMD by May 17, 2024, unless otherwise approved in writing by South Coast AQMD. Testing shall be conducted within 45 days of receiving written approval of the source test protocol by South Coast AQMD, and the final results in a source test report format shall be submitted within 30 days of testing, unless otherwise approved in writing by South Coast AQMD.

C. Within 30 days of submission of the source test report, Respondent shall submit a recommendation from the Reaction Committee on additional vapor flow testing to the South Coast AQMD [attn: Baitong Chen, bchen@aqmd.gov; Nathaniel Dickel, ndickel@aqmd.gov; Christina Ojeda, cojeda@aqmd.gov].

A *Source Test Plan for Leachate and Condensate Vapor Sampling* was submitted to the South Coast AQMD on behalf of CCL on July 12, 2024, in accordance with Condition No. 72(b). The source test protocol was originally submitted on May 17, 2024 but was revised and re-submitted on July 12, 2024

to address concerns raised by the South Coast AQMD. Per Condition 72(b), testing will be conducted within 45 days of receiving written approval of the source test protocol by the South Coast AQMD.

> *Condition No. 72(d). Beginning April 29, 2024, at least daily, conduct pressure testing and monitoring within the HDPE header(s) venting the leachate storage tanks to quantify the vacuum from the flare station blowers exerted on the leachate tanks, in inches of Water Column (W.C.). Pressure testing and monitoring as specified in this condition is not required upon complete installation of pressure gauges as specified in Condition 68.*
>
> *i. Daily pressure readings, pressure testing location, indication of the tank farm represented by the test results, and indication of each tank within the tank farm represented by the test results shall be submitted in the monthly report per Condition No. 8.*

Pressure readings from July 1 through 16, 2024 are included in **Attachment R**, as CCL completed installation of all pressure gauges on the leachate storage tanks in accordance with Condition No. 68 as of July 10, 2024.

> *Condition No. 72(e). By June 28, 2024, unless otherwise approved in writing by South Coast AQMD, install flow meters within the HDPE piping headers for associated leachate tank farms to accurately measure and record the flow rate (scfm) and total daily volume of vented leachate tank vapors being sent to the flare station for combustion. The flow meters shall be installed according to manufacturer specifications and recommendations to ensure accurate flow readings.*
>
> *i. Daily flow rate (scf/day), flow meter location, indication of the tank farm whose flow is being measured, and indication of each tank within the tank farm vented and represented in the flow rate shall be submitted in the monthly report per Condition No. 8.*

For the reasons described in Chiquita's May 13, 2024 correspondence to South Coast AQMD, Chiquita requested and received an extension of the deadline for installation of the flow meters until July 19, 2024. Chiquita completed installation of the flow meters within the HDPE piping headers for associated leachate tank farms in accordance with Condition No. 72(e) on July 16, 2024.The flow meters were installed according to manufacturer specifications and recommendations to ensure accurate flow readings. A report of the daily flow rate (scf/day), flow meter location, indication of the tank farm whose flow is being measured, and indication of each tank within the tank farm vented and represented in the flow rate is included as **Attachment S**.

CLOSING

If you have any questions or need any additional information, please contact Cornelius Fong of SCS Field Services at (562) 743-7895 or Gabrielle Stephens of SCS at (562) 355-6510.

Sincerely,

Chuck Rainey
Project Professional
SCS Engineers

Gabrielle F. Stephens
Vice President
SCS Engineers

GFS/PSS

Enclosures

cc: Cornelius Fong, SCS Engineers; Steve Cassulo, Chiquita Canyon Landfill
Enclosures

Attachment A

Lab Analyses from the Reporting Period

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LABORATORY ANALYSIS REPORT

Permanent Gases and Hydrogen Analysis in Tedlar Bag Sample

Report Date: July 25, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

ANALYSIS DESCRIPTION

Permanent gases and hydrogen were measured by thermal conductivity detection/ gas chromatography (TCD/GC) ASTM D1946-90.

AtmAA Lab No.	Sample ID	Oxygen (%v)	Nitrogen (%v)	Methane (%v)	Carbon Dioxide (%v)	Hydrogen (%v)
21834-3	FL-2009	4.21	23.32	29.11	38.99	2.01

The reported oxygen concentration includes any argon present in the sample. Calibration is based on a standard atmosphere containing 20.95% oxygen and 0.93% argon. The accuracy of permanent gas analysis by TCD/GC is +/- 2%, actual results are reported. Actual analysis results are reported on a "wet" basis.

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	FL-2009	4.21	4.21	4.21	0.00	<0.1
Nitrogen	FL-2009	23.26	23.38	23.32	0.51	<0.1
Methane	FL-2009	29.14	29.07	29.11	0.24	<0.1
Carbon Dioxide	FL-2009	39.01	38.97	38.99	0.10	<0.1
Hydrogen	FL-2009	2.01	2.01	2.01	0.00	<0.1

One Tedlar bag sample, laboratory number 21834-3, was analyzed for permanent gases. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 5 repeat measurements from one Tedlar bag sample is 0.17%.

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LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: July 25, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

ANALYSIS DESCRIPTION

Carbon monoxide was measured by flame ionization detection/total combustion analysis (FID/TCA), EPA Method ALT-144.

AtmAA Lab No.	Sample ID	Carbon Monoxide *(Conc. in ppmv)*
21834-3	FL-2009	334

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon Landfill
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	FL-2009	333	335	334	0.63

One Tedlar bag sample, laboratory number 21834-3, was analyzed for carbon monoxide. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from one Tedlar bag sample is 0.63%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date:	July 25, 2024
Client:	SCS Engineers
Project Location:	Chiquita Canyon
Project No.:	07224200.24 Task 1
Date Sampled:	July 1, 2024
Date Received:	July 1, 2024
Date Analyzed:	July 1, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21834-3
Sample I.D.:	FL-2009

Components	*(Concentration in ppmv)*
Hydrogen sulfide	21.3
Carbonyl sulfide	0.82
Methyl mercaptan	22.4
Ethyl mercaptan	<0.50
Dimethyl sulfide	217
Carbon disulfide	<0.50
i-Propyl mercaptan	0.75
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.01
s-Butyl mercaptan	3.06
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.7
Tetrahydrothiophene	1.85
Unidentified sulfurs	22.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	316.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 1, 2024
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009	21.0	21.5	21.3	2.4
Carbonyl sulfide	FL-2009	0.80	0.84	0.82	4.9
Methyl mercaptan	FL-2009	22.0	22.7	22.4	3.1
Ethyl mercaptan	FL 2009	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009	215	219	217	1.8
Carbon disulfide	FL-2009	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009	0.72	0.77	0.75	6.7
t-Butyl mercaptan	FL-2009	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009	3.05	2.96	3.01	3.0
s-Butyl mercaptan	FL 2009	3.12	3.00	3.06	3.9
i-Butyl mercaptan	FL-2009	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009	11.6	11.8	11.7	1.7
Tetrahydrothiophene	FL-2009	1.82	1.88	1.85	3.2
Unidentified sulfurs	FL-2009	22.2	22.8	22.5	2.7

One Tedlar bag sample, laboratory number 21834-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 3.3%.

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LABORATORY ANALYSIS REPORT

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS Method EPA TO-15

Report Date: July 25, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No: 07224200.24 Task 1
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	AtmAA Lab No.: 21834-3 Sample ID: FL-2009 *(Concentations in ppmv)*
Freon 12	<0.30
Chloromethane	0.58
Freon 114	<0.21
Vinyl Chloride	<0.31
1,3-Butadiene	<0.35
Bromomethane	<0.39
Chloroethane	<0.30
Acetone	52.2
Freon 11	<0.29
Isopropyl Alcohol	44.6
1,1-Dichloroethene	<0.38
Methylene Chloride	0.63
Carbon Disulfide	<0.25
Freon 113	<0.20
trans-1,2-Dichloroethene	<0.38
1,1-Dichloroethane	<0.37
MTBE	<0.42
Vinyl Acetate	<0.43
2-Butanone	41.6
cis-1,2-Dichloroethene	<0.38
n-Hexane	0.54
Chloroform	<0.31
Ethyl Acetate	4.20
Tetrahydrofuran	18.7
1,2-Dichloroethane	<0.37
1,1,1-Trichloroethane	<0.28
Benzene	19.7
Carbon Tetrachloride	<0.24
Cyclohexane	<0.44
1,2-Dichloropropane	<0.32
Bromodichloromethane	<0.22
Trichloroethene	<0.28
1,4-Dioxane	<0.42
n-Heptane	<0.37
cis-1,3-Dichloropropene	<0.33
4-Methyl-2-pentanone	1.19
trans-1,3-Dichloropropene	<0.33
1,1-2-Trichloroethane	<0.28
Toluene	3.15
2-Hexanone	<0.38
Dibromochloromethane	<0.18
1,2-Dibromoethane	<0.20
Tetrachloroethene	<0.22
Chlorobenzene	<0.33
Ethylbenzene	0.82
m,p-Xylene	0.90
Bromoform	<0.15
Styrene	<0.35
1,1,2,2-Tetrachloroethane	<0.22
o-Xylene	0.39
Benzyl Chloride	<0.30
4-Ethyl Toluene	<0.31
1,3,5-Trimethyl Benzene	<0.31
1,2,4-Trimethyl Benzene	<0.31
1,3-Dichlorobenzene	<0.25
1,4-Dichlorobenzene	<0.25
1,2-Dichlorobenzene	<0.25
1,2,4-Trichlorobenzene	<0.81
Hexachlorobutadiene	<0.56

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Freon-12	FL-2009	<0.30	<0.30	---	---
Chloromethane	FL-2009	0.56	0.61	0.58	8.4
Freon 114	FL-2009	<0.21	<0.21	---	---
Vinyl Chloride	FL-2009	<0.31	<0.31	---	---
1,3-Butadiene	FL-2009	<0.35	<0.35	---	---
Bromomethane	FL-2009	<0.39	<0.39	---	---
Chloroethane	FL-2009	<0.30	<0.30	---	---
Acetone	FL-2009	52.8	51.5	52.2	2.5
Freon 11	FL-2009	<0.29	<0.29	---	---
Isopropyl Alcohol	FL-2009	40.3	48.9	44.6	19
1,1-Dichloroethene	FL-2009	<0.38	<0.38	---	---
Methylene Chloride	FL-2009	0.62	0.63	0.63	2.2
Carbon Disulfide	FL-2009	<0.25	<0.25	---	---
Freon 113	FL-2009	<0.20	<0.20	---	---
trans-1,2-Dichloroethene	FL-2009	<0.38	<0.38	---	---
1,1-Dichloroethane	FL-2009	<0.37	<0.37	---	---
MTBE	FL-2009	<0.42	<0.42	---	---
Vinyl Acetate	FL-2009	<0.43	<0.43	---	---
2-Butanone	FL-2009	39.8	43.4	41.6	8.7
cis-1,2-Dichloroethene	FL-2009	<0.38	<0.38	---	---
n-Hexane	FL-2009	0.58	0.49	0.54	17
Chloroform	FL-2009	<0.31	<0.31	---	---
Ethyl Acetate	FL-2009	3.91	4.48	4.20	14
Tetrahydrofuran	FL-2009	16.6	20.8	18.7	22
1,2-Dichloroethane	FL-2009	<0.37	<0.37	---	---

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
1,1,1-Trichloroethane	FL-2009	<0.28	<0.28	---	---
Benzene	FL-2009	19.1	20.3	19.7	6.1
Carbon Tetrachloride	FL-2009	<0.24	<0.24	---	---
Cyclohexane	FL-2009	<0.44	<0.44	---	---
1,2-Dichloropropane	FL-2009	<0.32	<0.32	---	---
Bromodichloromethane	FL-2009	<0.22	<0.22	---	---
Trichloroethene	FL-2009	<0.28	<0.28	---	---
1,4-Dioxane	FL-2009	<0.42	<0.42	---	---
n-Heptane	FL-2009	<0.37	<0.37	---	---
cis-1,3-Dichloropropene	FL-2009	<0.33	<0.33	---	---
4-Methyl-2-pentanone	FL-2009	1.08	1.30	1.19	18
trans-1,3-Dichloropropene	FL-2009	<0.33	<0.33	---	---
1,1-2-Trichloroethane	FL-2009	<0.28	<0.28	---	---
Toluene	FL-2009	3.18	3.12	3.15	1.9
2-Hexanone	FL-2009	<0.38	<0.38	---	---
Dibromochloromethane	FL-2009	<0.18	<0.18	---	---
1,2-Dibromoethane	FL-2009	<0.20	<0.20	---	---
Tetrachloroethene	FL-2009	<0.22	<0.22	---	---
Chlorobenzene	FL-2009	<0.33	<0.33	---	---
Ethylbenzene	FL-2009	0.75	0.90	0.82	17
m,p-Xylene	FL-2009	0.85	0.95	0.90	12
Bromoform	FL-2009	<0.15	<0.15	---	---
Styrene	FL-2009	<0.35	<0.35	---	---
1,1,2,2-Tetrachloroethane	FL-2009	<0.22	<0.22	---	---
o-Xylene	FL-2009	0.37	0.42	0.39	13

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Benzyl Chloride	FL-2009	<0.30	<0.30	---	---
4-Ethyl Toluene	FL-2009	<0.31	<0.31	---	---
1,3,5-Trimethyl Benzene	FL-2009	<0.31	<0.31	---	---
1,2,4-Trimethyl Benzene	FL-2009	<0.31	<0.31	---	---
1,3-Dichlorobenzene	FL-2009	<0.25	<0.25	---	---
1,4-Dichlorobenzene	FL-2009	<0.25	<0.25	---	---
1,2-Dichlorobenzene	FL-2009	<0.25	<0.25	---	---
1,2,4-Trichlorobenzene	FL-2009	<0.81	<0.81	---	---
Hexachlorobutadiene	FL-2009	<0.56	<0.56	---	---

One Tedlar bag sample, laboratory number 21834-3, was analyzed for TO-15 components, by GC/MS. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 14 repeat measurements from one Tedlar bag sample is 12%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	To-15	Fixed Gases	CO	H2	Special Remarks
FL-2009	LFG	21834-3	7/1/24	07:33Am	X	X	X	X	X	~~Filtered~~ ~~Unfiltered Raw Gas~~
										H2S Drager 20ppm

ANALYSES REQUESTED

	Date	Time
Relinquished by: *(Signature)*	7/1/24	08:16Am
Relinquished by: *(Signature)*	7/1/24	9:16
Relinquished by: *(Signature)*	Date	Time

	Date	Time
Received by: *(Signature)*	7/1/24	8:16
Received by: *(Signature)*	Date	Time
Received for Laboratory by: *(Signature)*	7/1/24	9:4

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
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LABORATORY ANALYSIS REPORT

Permanent Gases and Hydrogen Analysis in Tedlar Bag Sample

Report Date: July 25, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

ANALYSIS DESCRIPTION

Permanent gases and hydrogen were measured by thermal conductivity detection/ gas chromatography (TCD/GC) ASTM D1946-90.

AtmAA Lab No.	Sample ID	Oxygen (%v)	Nitrogen (%v)	Methane (%v)	Carbon Dioxide (%v)	Hydrogen (%v)
21834-4	Zeeco	3.72	15.54	30.30	45.91	2.89

The reported oxygen concentration includes any argon present in the sample. Calibration is based on a standard atmosphere containing 20.95% oxygen and 0.93% argon. The accuracy of permanent gas analysis by TCD/GC is +/- 2%, actual results are reported. Actual analysis results are reported on a "wet" basis.

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	Zeeco	3.71	3.73	3.72	0.54	<0.1
Nitrogen	Zeeco	15.61	15.47	15.54	0.90	<0.1
Methane	Zeeco	30.29	30.30	30.30	0.03	<0.1
Carbon Dioxide	Zeeco	45.89	45.92	45.91	0.07	<0.1
Hydrogen	Zeeco	2.89	2.89	2.89	0.00	<0.1

One Tedlar bag sample, laboratory number 21834-4, was analyzed for permanent gases. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 5 repeat measurements from one Tedlar bag sample is 0.31%.

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LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: July 25, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

ANALYSIS DESCRIPTION

Carbon monoxide was measured by flame ionization detection/total combustion analysis (FID/TCA), EPA Method ALT-144.

AtmAA Lab No.	Sample ID	Carbon Monoxide *(Conc. in ppmv)*
21834-4	Zeeco	568

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon Landfill
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	Zeeco	567	569	568	0.42

One Tedlar bag sample, laboratory number 21834-4, was analyzed for carbon monoxide. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from one Tedlar bag sample is 0.42%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 25, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 1, 2024
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21834-4
Sample I.D.:	Zeeco

Components	*(Concentration in ppmv)*
Hydrogen sulfide	328
Carbonyl sulfide	1.16
Methyl mercaptan	172
Ethyl mercaptan	2.00
Dimethyl sulfide	376
Carbon disulfide	<1.00
i-Propyl mercaptan	2.57
t-Butyl mercaptan	<1.00
n-Propyl mercaptan	5.54
s-Butyl mercaptan	6.49
i-Butyl mercaptan	<1.00
Dimethyl disulfide	<1.00
Tetrahydrothiophene	3.51
Unidentified sulfurs	6.53
	(Concentration in ppmv, as H_2S)
Total Sulfur	902.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 1, 2024
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco	339	316	328	7.0
Carbonyl sulfide	Zeeco	1.14	1.18	1.16	3.4
Methyl mercaptan	Zeeco	177	166	172	6.4
Ethyl mercaptan	Zeeco	2.06	1.94	2.00	6.0
Dimethyl sulfide	Zeeco	389	363	376	6.9
Carbon disulfide	Zeeco	<1.00	<1.00	---	---
i-Propyl mercaptan	Zeeco	2.59	2.54	2.57	1.9
t-Butyl mercaptan	Zeeco	<1.00	<1.00	---	---
n-Propyl mercaptan	Zeeco	5.67	5.41	5.54	4.7
s-Butyl mercaptan	Zeeco	6.53	6.44	6.49	1.4
i-Butyl mercaptan	Zeeco	<1.00	<1.00	---	---
Dimethyl disulfide	Zeeco	<1.00	<1.00	---	---
Tetrahydrothiophene	Zeeco	3.66	3.36	3.51	8.5
Unidentified sulfurs	Zeeco	6.57	6.48	6.53	1.4

One Tedlar bag sample, laboratory number 21834-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.8%.

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LABORATORY ANALYSIS REPORT

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS Method EPA TO-15

Report Date: July 25, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: July 1, 2024
Date Analyzed: July 1, 2024

Components	AtmAA Lab No.: 21834-4 Sample ID: Zeeco *(Concentations in ppmv)*
Freon 12	<0.30
Chloromethane	0.67
Freon 114	<0.21
Vinyl Chloride	<0.31
1,3-Butadiene	<0.35
Bromomethane	<0.39
Chloroethane	<0.30
Acetone	72.2
Freon 11	<0.29
Isopropyl Alcohol	68.0
1,1-Dichloroethene	<0.38
Methylene Chloride	<0.43
Carbon Disulfide	<0.25
Freon 113	<0.20
trans-1,2-Dichloroethene	<0.38
1,1-Dichloroethane	<0.37
MTBE	<0.42
Vinyl Acetate	<0.43
2-Butanone	77.9
cis-1,2-Dichloroethene	<0.38
n-Hexane	0.63
Chloroform	<0.31
Ethyl Acetate	8.04
Tetrahydrofuran	40.6
1,2-Dichloroethane	<0.37
1,1,1-Trichloroethane	<0.28
Benzene	36.3
Carbon Tetrachloride	<0.24
Cyclohexane	<0.44
1,2-Dichloropropane	<0.32
Bromodichloromethane	<0.22
Trichloroethene	<0.28
1,4-Dioxane	<0.42
n-Heptane	<0.37
cis-1,3-Dichloropropene	<0.33
4-Methyl-2-pentanone	2.02
trans-1,3-Dichloropropene	<0.33
1,1-2-Trichloroethane	<0.28
Toluene	4.05
2-Hexanone	0.66
Dibromochloromethane	<0.18
1,2-Dibromoethane	<0.20
Tetrachloroethene	<0.22
Chlorobenzene	<0.33
Ethylbenzene	1.30
m,p-Xylene	1.31
Bromoform	<0.15
Styrene	<0.35
1,1,2,2-Tetrachloroethane	<0.22
o-Xylene	0.51
Benzyl Chloride	<0.30
4-Ethyl Toluene	<0.31
1,3,5-Trimethyl Benzene	0.41
1,2,4-Trimethyl Benzene	<0.31
1,3-Dichlorobenzene	<0.25
1,4-Dichlorobenzene	0.26
1,2-Dichlorobenzene	<0.25
1,2,4-Trichlorobenzene	<0.81
Hexachlorobutadiene	<0.56

Brian W. Fung
Laboratory Director

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	To-15	Fixed Gases	CO	H2		Special Remarks
Zeeco	LFG	21834-4	7/1/24	07:45AM	X	X	X	X	X		Unfiltered Raw Gas
											H2S Drager 275ppm

ANALYSES REQUESTED

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	7/1/24	08:16AM		7/1/24	8:16
Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	7/1/24	8:16			
Relinquished by: *(Signature)*	Date	Time	Received for Laboratory by: *(Signature)*	Date	Time
				7/1/24	9:11

Company Info:

Company: SCS Engineers
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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 2, 2024
Date Received: July 2, 2024
Date Analyzed: July 2, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21844-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	20.8
Carbonyl sulfide	0.84
Methyl mercaptan	20.3
Ethyl mercaptan	0.50
Dimethyl sulfide	197
Carbon disulfide	<0.50
i-Propyl mercaptan	0.75
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.75
s-Butyl mercaptan	2.88
i-Butyl mercaptan	<0.50
Dimethyl disulfide	9.55
Tetrahydrothiophene	1.74
Unidentified sulfurs	22.7
	(Concentration in ppmv, as H_2S)
Total Sulfur	288.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 2, 2024
Date Received: July 2, 2024
Date Analyzed: July 2, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	20.4	21.2	20.8	3.8
Carbonyl sulfide	FL-2009 Inlet	0.81	0.86	0.84	6.0
Methyl mercaptan	FL-2009 Inlet	20.0	20.6	20.3	3.0
Ethyl mercaptan	FL-2009 Inlet	0.51	0.48	0.50	6.1
Dimethyl sulfide	FL-2009 Inlet	199	194	197	2.5
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.79	0.71	0.75	11
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	2.81	2.68	2.75	4.7
s-Butyl mercaptan	FL-2009 Inlet	2.88	2.87	2.88	0.35
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	9.62	9.48	9.55	1.5
Tetrahydrothiophene	FL-2009 Inlet	1.78	1.69	1.74	5.2
Unidentified sulfurs	FL-2009 Inlet	22.8	22.6	22.7	0.94

One Tedlar bag sample, laboratory number 21844-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 4.1%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	TO-15	Fixed Gases	CO	H2		Special Remarks
FL-2009	LFG	21844-1	7/2/24	7:55AM	X	X	X	X	X		Unfiltered Raw Gas
											H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)*	**Date** 7/2/24	**Time** 8:53AM	**Received by:** *(Signature)*	**Date** 8/2/24	**Time** 8:53
Relinquished by: *(Signature)*	**Date** 7/2/24	**Time** 9:58	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/2/24	**Time** 9:52

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
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Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
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Project Manager: Cornelius Fong
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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 2, 2024
Date Received: July 2, 2024
Date Analyzed: July 2, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21844-2
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	342
Carbonyl sulfide	1.21
Methyl mercaptan	154
Ethyl mercaptan	1.84
Dimethyl sulfide	337
Carbon disulfide	<1.00
i-Propyl mercaptan	2.44
t-Butyl mercaptan	<1.00
n-Propyl mercaptan	4.96
s-Butyl mercaptan	6.13
i-Butyl mercaptan	<1.00
Dimethyl disulfide	<1.00
Tetrahydrothiophene	3.11
Unidentified sulfurs	6.10
	(Concentration in ppmv, as H_2S)
Total Sulfur	858.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 2, 2024
Date Received: July 2, 2024
Date Analyzed: July 2, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	338	345	342	2.0
Carbonyl sulfide	Zeeco Inlet	1.17	1.24	1.21	5.81
Methyl mercaptan	Zeeco Inlet	152	156	154	2.6
Ethyl mercaptan	Zeeco Inlet	1.82	1.86	1.84	2.2
Dimethyl sulfide	Zeeco Inlet	334	340	337	1.8
Carbon disulfide	Zeeco Inlet	<1.00	<1.00	---	---
i-Propyl mercaptan	Zeeco Inlet	2.45	2.42	2.44	1.2
t-Butyl mercaptan	Zeeco Inlet	<1.00	<1.00	---	---
n-Propyl mercaptan	Zeeco Inlet	4.89	5.03	4.96	2.8
s-Butyl mercaptan	Zeeco Inlet	6.13	6.12	6.13	0.2
i-Butyl mercaptan	Zeeco Inlet	<1.00	<1.00	---	---
Dimethyl disulfide	Zeeco Inlet	<1.00	<1.00	---	---
Tetrahydrothiophene	Zeeco Inlet	3.10	3.11	3.11	0.3
Unidentified sulfurs	Zeeco Inlet	5.91	6.28	6.10	6.07

One Tedlar bag sample, laboratory number 21844-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 3.0%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	TO-15	Fixed Gases	CO	H2		Special Remarks
FL- ZeeCO	LFG	21844-2	7/2/24	8:05AM	X	X	X	X	X		Unfiltered Raw Gas
											H2S Drager

ANALYSES REQUESTED

	Date	Time		Date	Time
Relinquished by: (Signature)	7/2/24	0:53AM	**Received by: (Signature)**	7/2/24	8:53
Relinquished by: (Signature)	7/2/24	9:52	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory by: (Signature)**	7/2/24	9:52

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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 3, 2024
Date Received: July 3, 2024
Date Analyzed: July 3, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21854-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	22.7
Carbonyl sulfide	0.91
Methyl mercaptan	25.9
Ethyl mercaptan	0.60
Dimethyl sulfide	206
Carbon disulfide	<0.50
i-Propyl mercaptan	0.82
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.98
s-Butyl mercaptan	3.24
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.4
Tetrahydrothiophene	2.11
Unidentified sulfurs	30.3
	(Concentration in ppmv, as H_2S)
Total Sulfur	318.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 3, 2024
Date Received: July 3, 2024
Date Analyzed: July 3, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	22.3	23.0	22.7	3.1
Carbonyl sulfide	FL-2009 Inlet	0.89	0.92	0.91	3.3
Methyl mercaptan	FL-2009 Inlet	25.4	26.4	25.9	3.9
Ethyl mercaptan	FL-2009 Inlet	0.59	0.61	0.60	3.3
Dimethyl sulfide	FL-2009 Inlet	202	210	206	3.9
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.85	0.78	0.82	8.6
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	2.88	3.08	2.98	6.7
s-Butyl mercaptan	FL-2009 Inlet	3.20	3.28	3.24	2.5
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.3	11.5	11.4	1.8
Tetrahydrothiophene	FL-2009 Inlet	2.06	2.15	2.11	4.3
Unidentified sulfurs	FL-2009 Inlet	29.4	31.2	30.3	5.9

One Tedlar bag sample, laboratory number 21854-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 4.3%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 3, 2024
Date Received: July 3, 2024
Date Analyzed: July 3, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21854-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	321
Carbonyl sulfide	1.20
Methyl mercaptan	167
Ethyl mercaptan	2.00
Dimethyl sulfide	391
Carbon disulfide	<1.00
i-Propyl mercaptan	2.35
t-Butyl mercaptan	<1.00
n-Propyl mercaptan	5.74
s-Butyl mercaptan	6.50
i-Butyl mercaptan	<1.00
Dimethyl disulfide	<1.00
Tetrahydrothiophene	3.31
Unidentified sulfurs	5.39

(Concentration in ppmv, as H_2S)

Total Sulfur	904.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 3, 2024
Date Received: July 3, 2024
Date Analyzed: July 3, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	325	316	321	2.8
Carbonyl sulfide	Zeeco Inlet	1.19	1.21	1.20	1.7
Methyl mercaptan	Zeeco Inlet	168	165	167	1.8
Ethyl mercaptan	Zeeco Inlet	1.97	2.02	2.00	2.5
Dimethyl sulfide	Zeeco Inlet	398	383	391	3.8
Carbon disulfide	Zeeco Inlet	<1.00	<1.00	---	---
i-Propyl mercaptan	Zeeco Inlet	2.41	2.28	2.35	5.5
t-Butyl mercaptan	Zeeco Inlet	<1.00	<1.00	---	---
n-Propyl mercaptan	Zeeco Inlet	5.79	5.69	5.74	1.7
s-Butyl mercaptan	Zeeco Inlet	6.59	6.41	6.50	2.8
i-Butyl mercaptan	Zeeco Inlet	<1.00	<1.00	---	---
Dimethyl disulfide	Zeeco Inlet	<1.00	<1.00	---	---
Tetrahydrothiophene	Zeeco Inlet	3.36	3.25	3.31	3.3
Unidentified sulfurs	Zeeco Inlet	5.46	5.33	5.39	2.4

One Tedlar bag sample, laboratory number 21854-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon	**Project Location** Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL2009 Inlet	Landfill Gas	21854-2	7/3/24	8:40am	X					18 ppm	Unfiltered Raw Gas
Teeco Inlet	Landfill Gas	-3	7/3/24	8:10am	X					210 ppm	H2S Drager

Relinquished by: (Signature)	**Date** 7/3/24	**Time** 9:09 am	**Received by: (Signature)**	**Date** 7-3-24 **Time** 9:09
Relinquished by: (Signature)	**Date** 7-3-24	**Time** 10:08	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/3/24 **Time** 10:06

Company Info:

Company: SCS Engineers
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Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 4, 2024
Date Received: July 4, 2024
Date Analyzed: July 4, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21864-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	34.3
Carbonyl sulfide	0.88
Methyl mercaptan	26.8
Ethyl mercaptan	0.63
Dimethyl sulfide	220
Carbon disulfide	<0.50
i-Propyl mercaptan	0.93
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.97
s-Butyl mercaptan	3.08
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.36
Tetrahydrothiophene	1.65
Unidentified sulfurs	19.7
	(Concentration in ppmv, as H_2S)
Total Sulfur	327.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 4, 2024
Date Received: July 4, 2024
Date Analyzed: July 4, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	33.6	35.0	34.3	4.1
Carbonyl sulfide	FL-2009 Inlet	0.87	0.88	0.88	1.1
Methyl mercaptan	FL-2009 Inlet	26.5	27.1	26.8	2.2
Ethyl mercaptan	FL-2009 Inlet	0.61	0.64	0.63	4.8
Dimethyl sulfide	FL-2009 Inlet	220	219	220	0.46
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.95	0.90	0.93	5.4
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	2.98	2.95	2.97	1.0
s-Butyl mercaptan	FL-2009 Inlet	3.03	3.12	3.08	2.9
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.35	8.37	8.36	0.24
Tetrahydrothiophene	FL-2009 Inlet	1.59	1.71	1.65	7.3
Unidentified sulfurs	FL-2009 Inlet	19.8	19.6	19.7	1.0

One Tedlar bag sample, laboratory number 21864-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 2.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Mark Guerrero	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)	Special Remarks
FL-2009 Inlet	LFG	218641	7/3/24	7:05am	X	Unfiltered Raw Gas
						H2S Drager 32ppm

	Date	Time		Date	Time
Relinquished by: *(Signature)* Mark Guerrero	7/3/24	8:13am	**Received by:** *(Signature)* DMITRI DCS	7/4/24	8:13am
Relinquished by: *(Signature)* DMITRI DCS	7/4/24	8:49am	**Received by:** *(Signature)*	Date	Time
Relinquished by: *(Signature)*	Date	Time	**Received for Laboratory by:** *(Signature)*	Date 7/4/24	Time 8:50

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 4, 2024
Date Received: July 4, 2024
Date Analyzed: July 4, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21864-2
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	304
Carbonyl sulfide	1.08
Methyl mercaptan	168
Ethyl mercaptan	1.82
Dimethyl sulfide	369
Carbon disulfide	<0.80
i-Propyl mercaptan	2.33
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.02
s-Butyl mercaptan	5.98
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.92
Unidentified sulfurs	5.54

(Concentration in ppmv, as H_2S)

Total Sulfur	864.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 4, 2024
Date Received: July 4, 2024
Date Analyzed: July 4, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	304	304	304	0.00
Carbonyl sulfide	Zeeco Inlet	1.09	1.07	1.08	1.9
Methyl mercaptan	Zeeco Inlet	168	167	168	0.60
Ethyl mercaptan	Zeeco Inlet	1.80	1.83	1.82	1.7
Dimethyl sulfide	Zeeco Inlet	372	365	369	1.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.34	2.31	2.33	1.3
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.08	4.97	5.02	2.1
s-Butyl mercaptan	Zeeco Inlet	6.09	5.87	5.98	3.7
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.93	2.90	2.92	1.0
Unidentified sulfurs	Zeeco Inlet	5.54	5.54	5.54	0.06

One Tedlar bag sample, laboratory number 21864-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Mark Guerrero	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)	Special Remarks
Zeeco Inlet	LFG	21864-2	7/9/24	7:20am	X	Unfiltered Raw Gas
						H2S Drager 290ppm

Relinquished by: (Signature) Mark Guerrero	**Date** 7/9/24	**Time** 8:13am	**Received by: (Signature)** DIMITRI DCS	**Date** 7/9/24	**Time** 8:13am
Relinquished by: (Signature) DIMITRI DCS	**Date** 7/4/24	**Time** 8:47am	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/4/24	**Time** 8:50

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

Analytical Laboratory

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 5, 2024
Date Received: July 5, 2024
Date Analyzed: July 5, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21874-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	30.4
Carbonyl sulfide	0.83
Methyl mercaptan	24.7
Ethyl mercaptan	0.56
Dimethyl sulfide	204
Carbon disulfide	<0.50
i-Propyl mercaptan	0.92
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.85
s-Butyl mercaptan	2.93
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.46
Tetrahydrothiophene	1.65
Unidentified sulfurs	19.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	304.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 5, 2024
Date Received: July 5, 2024
Date Analyzed: July 5, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	29.6	31.1	30.4	4.9
Carbonyl sulfide	FL-2009 Inlet	0.82	0.84	0.83	2.4
Methyl mercaptan	FL-2009 Inlet	23.7	25.7	24.7	8.1
Ethyl mercaptan	FL-2009 Inlet	0.53	0.58	0.56	9.0
Dimethyl sulfide	FL-2009 Inlet	198	209	204	5.4
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.86	0.98	0.92	13
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	2.70	3.00	2.85	11
s-Butyl mercaptan	FL-2009 Inlet	2.71	3.14	2.93	15
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	7.99	8.92	8.46	11
Tetrahydrothiophene	FL-2009 Inlet	1.56	1.74	1.65	11
Unidentified sulfurs	FL-2009 Inlet	18.3	20.7	19.5	12

One Tedlar bag sample, laboratory number 21874-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 9.3%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 5, 2024
Date Received: July 5, 2024
Date Analyzed: July 5, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21874-5
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	315
Carbonyl sulfide	1.13
Methyl mercaptan	164
Ethyl mercaptan	1.86
Dimethyl sulfide	360
Carbon disulfide	<0.80
i-Propyl mercaptan	2.41
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.98
s-Butyl mercaptan	5.94
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.92
Unidentified sulfurs	5.82

(Concentration in ppmv, as H_2S)

Total Sulfur	863.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 5, 2024
Date Received: July 5, 2024
Date Analyzed: July 5, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	311	319	315	2.5
Carbonyl sulfide	Zeeco Inlet	1.11	1.15	1.13	3.5
Methyl mercaptan	Zeeco Inlet	161	167	164	3.7
Ethyl mercaptan	Zeeco Inlet	1.81	1.90	1.86	4.9
Dimethyl sulfide	Zeeco Inlet	352	367	360	4.2
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.35	2.47	2.41	5.0
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.86	5.09	4.98	4.6
s-Butyl mercaptan	Zeeco Inlet	5.68	6.19	5.94	8.6
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.94	2.90	2.92	1.4
Unidentified sulfurs	Zeeco Inlet	5.75	5.88	5.82	2.2

One Tedlar bag sample, laboratory number 21874-5, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.0%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Mark Guerrero	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-2009 Inlet	Landfill Gas	21874-4	7/5/24	7:20am	X						Unfiltered Raw Gas 27ppm
Zeeco Inlet	Landfill Gas	-5	7/5/24	7:35am	X						H2S Drager 290ppm

Relinquished by: (Signature) Mark Guerrero	**Date** 7/5/24	**Time** 9:24am	**Received by: (Signature)** D. Ferrer	**Date** 7-5-24	**Time** 9:25am
Relinquished by: (Signature) D. Ferrer	**Date** 7-5-24	**Time** 10:00am	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/5/24	**Time** 10:00

Company Info:	Send Report to:	Analytical Laboratory
Company: SCS Engineers	**Company:** SCS Engineers	**AtmAA Inc.**
Street Address 3900 Kilroy Airport Way Suite 100	**Street Address** 3900 Kilroy Airport Way Suite 100	**23917 Craftsman Rd.**
City/State/Zip: Long Beach / CA / 90806	**City/State/Zip:** Long Beach / CA / 90806	**Calabasas, CA 91302**
Telephone No.: 562-743-7895 /562-335-0002	**Project Manager:** Cornelius Fong	**TEL: (818) 223-3277**
Fax No.:	**Email Address:** CFong@scsengineers.com	**FAX: (818) 223-8250**

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 6, 2024
Date Received: July 6, 2024
Date Analyzed: July 6, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21884-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	27.0
Carbonyl sulfide	0.80
Methyl mercaptan	24.2
Ethyl mercaptan	0.54
Dimethyl sulfide	228
Carbon disulfide	<0.50
i-Propyl mercaptan	0.83
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.01
s-Butyl mercaptan	3.07
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.9
Tetrahydrothiophene	0.67
Unidentified sulfurs	26.3
	(Concentration in ppmv, as H_2S)
Total Sulfur	335.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 6, 2024
Date Received: July 6, 2024
Date Analyzed: July 6, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	26.1	27.8	27.0	6.3
Carbonyl sulfide	FL-2009 Inlet	0.77	0.82	0.80	6.3
Methyl mercaptan	FL-2009 Inlet	23.5	24.8	24.2	5.4
Ethyl mercaptan	FL-2009 Inlet	0.54	0.54	0.54	0.00
Dimethyl sulfide	FL-2009 Inlet	223	232	228	4.0
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.81	0.84	0.83	3.6
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	2.96	3.06	3.01	3.3
s-Butyl mercaptan	FL-2009 Inlet	2.99	3.15	3.07	5.2
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	10.7	11.1	10.9	3.7
Tetrahydrothiophene	FL-2009 Inlet	0.65	0.69	0.67	6.0
Unidentified sulfurs	FL-2009 Inlet	26.2	26.4	26.3	0.56

One Tedlar bag sample, laboratory number 21884-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 4.0%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)	Special Remarks
FL-2009	LFG	21884-1	7/6/24	9:45AM	X	Unfiltered Raw Gas
						H2S Drager

Relinquished by: *(Signature)*	**Date** 7/6/24	**Time** 9:25AM	**Received by:** *(Signature)* LUIS FARFAN	**Date** 7/6/24	**Time** 9:25AM
Relinquished by: *(Signature)* LUIS FARFAN	**Date** 7/06/24	**Time** 10:08	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/6/24	**Time** 10:15

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 6, 2024
Date Received: July 6, 2024
Date Analyzed: July 6, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21884-2
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	337
Carbonyl sulfide	1.09
Methyl mercaptan	155
Ethyl mercaptan	1.75
Dimethyl sulfide	331
Carbon disulfide	<0.80
i-Propyl mercaptan	2.45
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.77
s-Butyl mercaptan	6.01
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.89
Unidentified sulfurs	6.10

(Concentration in ppmv, as H_2S)

Total Sulfur	847.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 6, 2024
Date Received: July 6, 2024
Date Analyzed: July 6, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	340	334	337	1.8
Carbonyl sulfide	Zeeco Inlet	1.09	1.09	1.09	0.00
Methyl mercaptan	Zeeco Inlet	157	152	155	3.2
Ethyl mercaptan	Zeeco Inlet	1.79	1.71	1.75	4.6
Dimethyl sulfide	Zeeco Inlet	339	322	331	5.1
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.49	2.40	2.45	3.7
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.98	4.56	4.77	8.8
s-Butyl mercaptan	Zeeco Inlet	6.33	5.69	6.01	11
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.96	2.81	2.89	5.2
Unidentified sulfurs	Zeeco Inlet	6.23	5.97	6.10	4.2

One Tedlar bag sample, laboratory number 21884-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.7%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)	Special Remarks
2ECO INLET	LFG	21884-2	7/6/24	8:55AM	X	Unfiltered Raw Gas
						H2S Drager

	Date	Time		Date	Time
Relinquished by: *(Signature)*	7/6/24	9:25AM	**Received by:** *(Signature)* LUIS FARFAN	7/6/24	9:25AM
Relinquished by: *(Signature)* LUIS FARFAN	7/6/24	10:08	**Received by:** *(Signature)*		
Relinquished by: *(Signature)*			**Received for Laboratory by:** *(Signature)*	7/6/24	10:15

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
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Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 7, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21904-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	30.8
Carbonyl sulfide	1.00
Methyl mercaptan	28.7
Ethyl mercaptan	0.66
Dimethyl sulfide	294
Carbon disulfide	<0.50
i-Propyl mercaptan	0.99
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	4.08
s-Butyl mercaptan	3.82
i-Butyl mercaptan	<0.50
Dimethyl disulfide	14.9
Tetrahydrothiophene	2.39
Unidentified sulfurs	34.6
	(Concentration in ppmv, as H_2S)
Total Sulfur	430.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 7, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	31.3	30.2	30.8	3.6
Carbonyl sulfide	FL-2009 Inlet	1.01	0.99	1.00	2.0
Methyl mercaptan	FL-2009 Inlet	29.0	28.4	28.7	2.1
Ethyl mercaptan	FL-2009 Inlet	0.67	0.64	0.66	4.6
Dimethyl sulfide	FL-2009 Inlet	299	289	294	3.4
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.97	1.00	0.99	3.0
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	4.12	4.03	4.08	2.2
s-Butyl mercaptan	FL-2009 Inlet	3.84	3.80	3.82	1.0
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	15.1	14.7	14.9	2.7
Tetrahydrothiophene	FL-2009 Inlet	2.39	2.38	2.39	0.42
Unidentified sulfurs	FL-2009 Inlet	34.8	34.4	34.6	1.0

One Tedlar bag sample, laboratory number 21904-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 2.4%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 7, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21904-2
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	279
Carbonyl sulfide	1.07
Methyl mercaptan	135
Ethyl mercaptan	1.58
Dimethyl sulfide	294
Carbon disulfide	<0.80
i-Propyl mercaptan	2.38
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.21
s-Butyl mercaptan	5.36
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.39
Unidentified sulfurs	4.91

(Concentration in ppmv, as H_2S)

Total Sulfur	728.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 7, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	277	280	279	1.1
Carbonyl sulfide	Zeeco Inlet	1.07	1.06	1.07	0.94
Methyl mercaptan	Zeeco Inlet	134	136	135	1.5
Ethyl mercaptan	Zeeco Inlet	1.55	1.60	1.58	3.2
Dimethyl sulfide	Zeeco Inlet	292	295	294	1.0
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.39	2.36	2.38	1.3
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.20	4.22	4.21	0.47
s-Butyl mercaptan	Zeeco Inlet	5.30	5.42	5.36	2.2
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.45	2.32	2.39	5.5
Unidentified sulfurs	Zeeco Inlet	4.92	4.90	4.91	0.50

One Tedlar bag sample, laboratory number 21904-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon	**Project Location** Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Christian Villagomez	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-2009 Inlet	LFG	21904-1	7-7-24	3:15pm	X					13 ppm	Unfiltered Raw Gas
Zeeco Inlet	LFG	-2	7-7-24	3:05pm	X					50 ppm	H2S Drager

Relinquished by: *(Signature)*	**Date** 7/8/24	**Time** 8:40 am	**Received by:** *(Signature)*	**Date** 7/8/24 **Time** 8:40 am
Relinquished by: *(Signature)*	**Date** 7/8/24	**Time** 8:44 am	**Received by:** *(Signature)*	**Date** 7/8/24 **Time** 8:44
Relinquished by: *(Signature)*	**Date** 7/8/24	**Time** 9:17	**Received for Laboratory by:** *(Signature)*	**Date** 7/8/24 **Time** 9:27

Company Info:

Company: SCS Engineers
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Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 8, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21904-3
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	36.2
Carbonyl sulfide	0.89
Methyl mercaptan	31.1
Ethyl mercaptan	0.61
Dimethyl sulfide	273
Carbon disulfide	<0.50
i-Propyl mercaptan	0.94
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.80
s-Butyl mercaptan	3.64
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.4
Tetrahydrothiophene	2.12
Unidentified sulfurs	22.8
	(Concentration in ppmv, as H_2S)
Total Sulfur	399.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 8, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	36.7	35.7	36.2	2.8
Carbonyl sulfide	FL-2009 Inlet	0.87	0.90	0.89	3.4
Methyl mercaptan	FL-2009 Inlet	31.3	30.9	31.1	1.3
Ethyl mercaptan	FL-2009 Inlet	0.62	0.60	0.61	3.3
Dimethyl sulfide	FL-2009 Inlet	275	270	273	1.8
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.94	0.93	0.94	1.1
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.78	3.81	3.80	0.79
s-Butyl mercaptan	FL-2009 Inlet	3.64	3.64	3.64	0.00
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.3	12.4	12.4	0.81
Tetrahydrothiophene	FL-2009 Inlet	2.05	2.18	2.12	6.1
Unidentified sulfurs	FL-2009 Inlet	22.1	23.4	22.8	5.7

One Tedlar bag sample, laboratory number 21904-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 2.4%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 26, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 8, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21904-4
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	307
Carbonyl sulfide	1.13
Methyl mercaptan	168
Ethyl mercaptan	1.95
Dimethyl sulfide	360
Carbon disulfide	<0.80
i-Propyl mercaptan	2.63
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.20
s-Butyl mercaptan	6.66
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.27
Unidentified sulfurs	7.31
	(Concentration in ppmv, as H_2S)
Total Sulfur	862.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 8, 2024
Date Received: July 8, 2024
Date Analyzed: July 8, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	307	307	307	0.00
Carbonyl sulfide	Zeeco Inlet	1.14	1.12	1.13	1.8
Methyl mercaptan	Zeeco Inlet	167	168	168	0.60
Ethyl mercaptan	Zeeco Inlet	1.93	1.97	1.95	2.1
Dimethyl sulfide	Zeeco Inlet	363	356	360	1.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.66	2.60	2.63	2.3
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.16	5.24	5.20	1.5
s-Butyl mercaptan	Zeeco Inlet	6.60	6.72	6.66	1.8
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.28	3.26	3.27	0.61
Unidentified sulfurs	Zeeco Inlet	7.01	7.60	7.31	8.2

One Tedlar bag sample, laboratory number 21904-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.1%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
FL2009 Inlet	Landfill Gas	21904-3	7/8/24	7:35am	X					10 ppm	Unfiltered Raw Gas
Zeeco Inlet	Landfill Gas	-4	7/8/24	7:43am	X					140 ppm	H2S Drager

Relinquished by: *(Signature)*	**Date** 7/8/24	**Time** 8:44a	**Received by:** *(Signature)*	**Date** 7/8/24	**Time** 9:44
Relinquished by: *(Signature)*	**Date** 7/8/24	**Time** 9:27	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/8/24	**Time** 9:27

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Company: SCS Engineers
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Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 10, 2024
Date Received: July 10, 2024
Date Analyzed: July 10, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21924-5
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	369
Carbonyl sulfide	1.32
Methyl mercaptan	107
Ethyl mercaptan	1.41
Dimethyl sulfide	219
Carbon disulfide	<0.80
i-Propyl mercaptan	2.80
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	3.50
s-Butyl mercaptan	5.43
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	1.85
Unidentified sulfurs	3.99
	(Concentration in ppmv, as H_2S)
Total Sulfur	714.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 10, 2024
Date Received: July 10, 2024
Date Analyzed: July 10, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	370	368	369	0.54
Carbonyl sulfide	Zeeco Inlet	1.35	1.28	1.32	5.3
Methyl mercaptan	Zeeco Inlet	107	106	107	0.94
Ethyl mercaptan	Zeeco Inlet	1.40	1.41	1.41	0.71
Dimethyl sulfide	Zeeco Inlet	220	217	219	1.4
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.83	2.76	2.80	2.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	3.53	3.46	3.50	2.0
s-Butyl mercaptan	Zeeco Inlet	5.47	5.38	5.43	1.7
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	1.88	1.82	1.85	3.2
Unidentified sulfurs	Zeeco Inlet	4.01	3.97	3.99	1.0

One Tedlar bag sample, laboratory number 21924-5, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.9%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 10, 2024
Date Received: July 10, 2024
Date Analyzed: July 10, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21924-6
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	46.4
Carbonyl sulfide	0.87
Methyl mercaptan	34.9
Ethyl mercaptan	0.70
Dimethyl sulfide	241
Carbon disulfide	<0.50
i-Propyl mercaptan	1.11
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.41
s-Butyl mercaptan	3.73
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.98
Tetrahydrothiophene	2.14
Unidentified sulfurs	21.1
	(Concentration in ppmv, as H_2S)
Total Sulfur	372.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 10, 2024
Date Received: July 10, 2024
Date Analyzed: July 10, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	45.1	47.6	46.4	5.4
Carbonyl sulfide	FL-2009 Inlet	0.84	0.90	0.87	6.9
Methyl mercaptan	FL-2009 Inlet	33.8	35.9	34.9	6.0
Ethyl mercaptan	FL-2009 Inlet	0.67	0.72	0.70	7.2
Dimethyl sulfide	FL-2009 Inlet	235	246	241	4.6
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.05	1.17	1.11	11
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.26	3.55	3.41	8.5
s-Butyl mercaptan	FL-2009 Inlet	3.55	3.90	3.73	9.4
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.65	9.30	8.98	7.2
Tetrahydrothiophene	FL-2009 Inlet	2.05	2.23	2.14	8.4
Unidentified sulfurs	FL-2009 Inlet	20.3	21.8	21.1	7.1

One Tedlar bag sample, laboratory number 21924-6, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 7.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zero Inlet	Landfill Gas	21924-5	7/10/24	8:10am	X					320 ppm	Unfiltered Raw Gas
FL2009 Inlet	Landfill Gas	-6	7/10/24	8:20am	X					22 ppm	H2S Drager

Relinquished by: (Signature)	**Date** 7/10/24	**Time** 8:44	**Received by: (Signature)**	**Date** 7/10/24 **Time** 8:44
Relinquished by: (Signature)	**Date** 7/10/24	**Time** 9:52	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/10/24 **Time** 9:52

Company Info:

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Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 11, 2024
Date Received: July 11, 2024
Date Analyzed: July 11, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21934-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	400
Carbonyl sulfide	1.39
Methyl mercaptan	147
Ethyl mercaptan	1.76
Dimethyl sulfide	306
Carbon disulfide	<0.80
i-Propyl mercaptan	3.16
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.61
s-Butyl mercaptan	6.85
i-Butyl mercaptan	<0.80
Dimethyl disulfide	1.33
Tetrahydrothiophene	2.78
Unidentified sulfurs	2.16

(Concentration in ppmv, as H_2S)

Total Sulfur	877.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 11, 2024
Date Received: July 11, 2024
Date Analyzed: July 11, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	401	398	400	0.75
Carbonyl sulfide	Zeeco Inlet	1.38	1.40	1.39	1.4
Methyl mercaptan	Zeeco Inlet	146	148	147	1.4
Ethyl mercaptan	Zeeco Inlet	1.75	1.77	1.76	1.1
Dimethyl sulfide	Zeeco Inlet	300	311	306	3.6
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	3.13	3.18	3.16	1.6
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.59	4.62	4.61	0.65
s-Butyl mercaptan	Zeeco Inlet	6.79	6.90	6.85	1.6
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	1.31	1.34	1.33	2.3
Tetrahydrothiophene	Zeeco Inlet	2.82	2.74	2.78	2.9
Unidentified sulfurs	Zeeco Inlet	2.14	2.19	2.16	2.2

One Tedlar bag sample, laboratory number 21934-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 1.8%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date:	August 1, 2024
Client:	SCS Engineers
Project Location:	Chiquita Canyon
Project No.:	07224300.24 Task 1
Date Sampled:	July 11, 2024
Date Received:	July 11, 2024
Date Analyzed:	July 11, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21934-4
Sample I.D.:	FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	46.6
Carbonyl sulfide	0.90
Methyl mercaptan	40.2
Ethyl mercaptan	0.83
Dimethyl sulfide	282
Carbon disulfide	<0.50
i-Propyl mercaptan	1.11
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.80
s-Butyl mercaptan	3.96
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.98
Tetrahydrothiophene	2.11
Unidentified sulfurs	23.3

(Concentration in ppmv, as H_2S)

Total Sulfur	422.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 11, 2024
Date Received: July 11, 2024
Date Analyzed: July 11, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	45.6	47.6	46.6	4.3
Carbonyl sulfide	FL-2009 Inlet	0.88	0.91	0.90	3.4
Methyl mercaptan	FL-2009 Inlet	38.4	41.9	40.2	8.7
Ethyl mercaptan	FL-2009 Inlet	0.81	0.85	0.83	4.8
Dimethyl sulfide	FL-2009 Inlet	276	288	282	4.3
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.07	1.15	1.11	7.2
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.66	3.93	3.80	7.1
s-Butyl mercaptan	FL-2009 Inlet	3.74	4.17	3.96	11
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.70	9.26	8.98	6.2
Tetrahydrothiophene	FL-2009 Inlet	2.10	2.12	2.11	0.95
Unidentified sulfurs	FL-2009 Inlet	21.8	24.9	23.3	13

One Tedlar bag sample, laboratory number 21934-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 6.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zeeco Inlet	Landfill Gas	21934-3	7/11/24	7:20AM	X					380 ppm	Unfiltered Raw Gas
FL2009 Inlet	Landfill Gas	-4	7/11/24	7:30AM	X					30 ppm	H2S Drager

	Date	Time		Date	Time
Relinquished by: (Signature)	7/11/24	8:16am	**Received by: (Signature)**	7/11/24	8:16
Relinquished by: (Signature)	7/11/24	9:11	**Received by: (Signature)**		
Relinquished by: (Signature)			**Received for Laboratory by: (Signature)**	7/11/24	9:11

Company Info:

Company: SCS Engineers
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Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 12, 2024
Date Received: July 12, 2024
Date Analyzed: July 12, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21944-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	279
Carbonyl sulfide	0.96
Methyl mercaptan	208
Ethyl mercaptan	2.14
Dimethyl sulfide	376
Carbon disulfide	<0.80
i-Propyl mercaptan	2.05
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.09
s-Butyl mercaptan	5.91
i-Butyl mercaptan	<0.80
Dimethyl disulfide	1.61
Tetrahydrothiophene	3.42
Unidentified sulfurs	1.60
	(Concentration in ppmv, as H_2S)
Total Sulfur	886.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 12, 2024
Date Received: July 12, 2024
Date Analyzed: July 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	275	282	279	2.51
Carbonyl sulfide	Zeeco Inlet	0.91	1.00	0.96	9.4
Methyl mercaptan	Zeeco Inlet	208	208	208	0.00
Ethyl mercaptan	Zeeco Inlet	2.14	2.14	2.14	0.00
Dimethyl sulfide	Zeeco Inlet	382	370	376	3.2
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.08	2.02	2.05	2.9
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.05	5.13	5.09	1.6
s-Butyl mercaptan	Zeeco Inlet	5.97	5.85	5.91	2.0
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	1.62	1.59	1.61	1.9
Tetrahydrothiophene	Zeeco Inlet	3.49	3.34	3.42	4.4
Unidentified sulfurs	Zeeco Inlet	1.59	1.60	1.60	0.63

One Tedlar bag sample, laboratory number 21944-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 2.6%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date:	August 1, 2024
Client:	SCS Engineers
Project Location:	Chiquita Canyon
Project No.:	07224300.24 Task 1
Date Sampled:	July 12, 2024
Date Received:	July 12, 2024
Date Analyzed:	July 12, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21944-4
Sample I.D.:	FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	49.0
Carbonyl sulfide	0.82
Methyl mercaptan	34.7
Ethyl mercaptan	0.69
Dimethyl sulfide	237
Carbon disulfide	<0.50
i-Propyl mercaptan	1.09
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.18
s-Butyl mercaptan	3.40
i-Butyl mercaptan	<0.50
Dimethyl disulfide	6.93
Tetrahydrothiophene	1.82
Unidentified sulfurs	15.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	360.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 12, 2024
Date Received: July 12, 2024
Date Analyzed: July 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	49.8	48.1	49.0	3.5
Carbonyl sulfide	FL-2009 Inlet	0.83	0.80	0.82	3.7
Methyl mercaptan	FL-2009 Inlet	35.4	33.9	34.7	4.3
Ethyl mercaptan	FL-2009 Inlet	0.71	0.67	0.69	5.8
Dimethyl sulfide	FL-2009 Inlet	241	233	237	3.4
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.09	1.08	1.09	0.92
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.22	3.13	3.18	2.8
s-Butyl mercaptan	FL-2009 Inlet	3.48	3.32	3.40	4.7
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	6.97	6.89	6.93	1.2
Tetrahydrothiophene	FL-2009 Inlet	1.86	1.78	1.82	4.4
Unidentified sulfurs	FL-2009 Inlet	15.6	15.3	15.5	2.2

One Tedlar bag sample, laboratory number 21944-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 3.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Leeco Inlet	LFG	21944-3	7/12/24	7:20AM	X					390 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-4	7/12/24	7:30AM	X					32 ppm	H2S Drager

Relinquished by: (Signature)	**Date** 7/12/24	**Time**	**Received by: (Signature)**	**Date** 7/12/24 **Time** 8:00
Relinquished by: (Signature)	**Date** 7/12/24	**Time** 8:00	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/12/24 **Time** 8:50

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Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 13, 2024
Date Received: July 13, 2024
Date Analyzed: July 13, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21954-1
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	313
Carbonyl sulfide	1.16
Methyl mercaptan	238
Ethyl mercaptan	2.59
Dimethyl sulfide	464
Carbon disulfide	<0.80
i-Propyl mercaptan	2.36
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.12
s-Butyl mercaptan	7.01
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.80
Unidentified sulfurs	6.82
	(Concentration in ppmv, as H_2S)
Total Sulfur	1044.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 13, 2024
Date Received: July 13, 2024
Date Analyzed: July 13, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	320	305	313	4.8
Carbonyl sulfide	Zeeco Inlet	1.18	1.14	1.16	3.4
Methyl mercaptan	Zeeco Inlet	244	232	238	5.0
Ethyl mercaptan	Zeeco Inlet	2.63	2.54	2.59	3.5
Dimethyl sulfide	Zeeco Inlet	476	452	464	5.2
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.46	2.26	2.36	8.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.34	5.90	6.12	7.2
s-Butyl mercaptan	Zeeco Inlet	7.24	6.77	7.01	6.7
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.90	3.70	3.80	5.3
Unidentified sulfurs	Zeeco Inlet	6.66	6.99	6.82	4.9

One Tedlar bag sample, laboratory number 21954-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 5.4%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 13, 2024
Date Received: July 13, 2024
Date Analyzed: July 13, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21954-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	28.3
Carbonyl sulfide	0.82
Methyl mercaptan	22.4
Ethyl mercaptan	0.54
Dimethyl sulfide	261
Carbon disulfide	<0.50
i-Propyl mercaptan	0.81
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.65
s-Butyl mercaptan	4.05
i-Butyl mercaptan	<0.50
Dimethyl disulfide	13.0
Tetrahydrothiophene	2.20
Unidentified sulfurs	19.3
	(Concentration in ppmv, as H_2S)
Total Sulfur	368.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 13, 2024
Date Received: July 13, 2024
Date Analyzed: July 13, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	27.5	29.0	28.3	5.3
Carbonyl sulfide	FL-2009 Inlet	0.80	0.84	0.82	4.9
Methyl mercaptan	FL-2009 Inlet	22.0	22.8	22.4	3.6
Ethyl mercaptan	FL-2009 Inlet	0.53	0.55	0.54	3.7
Dimethyl sulfide	FL-2009 Inlet	257	265	261	3.1
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.78	0.84	0.81	7.4
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.62	3.68	3.65	1.6
s-Butyl mercaptan	FL-2009 Inlet	4.00	4.10	4.05	2.5
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.8	13.1	13.0	2.3
Tetrahydrothiophene	FL-2009 Inlet	2.22	2.18	2.20	1.8
Unidentified sulfurs	FL-2009 Inlet	19.0	19.7	19.3	3.4

One Tedlar bag sample, laboratory number 21954-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 3.6%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)	Special Remarks
Zeeco Inlet	LFG	21454-1	7/13/24	8:05AM	X	Unfiltered Raw Gas
FL-2009 INLET	LFG	-2	7/13/24	8:35AM	X	H2S Drager

	Date	Time		Date	Time
Relinquished by: *(Signature)*	7/13/24	9:01AM	**Received by:** *(Signature)* LUIS FARFAN	7/13/24	9:01AM
Relinquished by: *(Signature)* LUIS FARFAN	7/13/24	9:43AM	**Received by:** *(Signature)*		
Relinquished by: *(Signature)*			**Received for Laboratory by:** *(Signature)*	7-13-24	10:15

Company Info:

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Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 14, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21974-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	11.2
Carbonyl sulfide	0.96
Methyl mercaptan	10.6
Ethyl mercaptan	<0.50
Dimethyl sulfide	277
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.77
s-Butyl mercaptan	3.57
i-Butyl mercaptan	<0.50
Dimethyl disulfide	17.4
Tetrahydrothiophene	2.44
Unidentified sulfurs	33.9
	(Concentration in ppmv, as H_2S)
Total Sulfur	377.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 14, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	11.4	10.9	11.2	4.5
Carbonyl sulfide	FL-2009 Inlet	0.99	0.93	0.96	6.2
Methyl mercaptan	FL-2009 Inlet	10.7	10.5	10.6	1.9
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	283	270	277	4.7
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.90	3.64	3.77	6.9
s-Butyl mercaptan	FL-2009 Inlet	3.56	3.57	3.57	0.28
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	17.8	16.9	17.4	5.2
Tetrahydrothiophene	FL-2009 Inlet	2.48	2.39	2.44	3.7
Unidentified sulfurs	FL-2009 Inlet	34.9	32.9	33.9	6.0

One Tedlar bag sample, laboratory number 21974-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 9 repeat measurements from one Tedlar bag sample is 4.4%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 14, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21974-2
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	78.1
Carbonyl sulfide	1.27
Methyl mercaptan	142
Ethyl mercaptan	1.52
Dimethyl sulfide	486
Carbon disulfide	<0.80
i-Propyl mercaptan	1.37
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.52
s-Butyl mercaptan	5.73
i-Butyl mercaptan	<0.80
Dimethyl disulfide	11.5
Tetrahydrothiophene	3.23
Unidentified sulfurs	18.6

(Concentration in ppmv, as H_2S)

Total Sulfur	766.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 14, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	77.0	79.2	78.1	2.8
Carbonyl sulfide	Zeeco Inlet	1.22	1.31	1.27	7.1
Methyl mercaptan	Zeeco Inlet	140	143	142	2.1
Ethyl mercaptan	Zeeco Inlet	1.52	1.52	1.52	0.00
Dimethyl sulfide	Zeeco Inlet	487	485	486	0.41
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.40	1.34	1.37	4.4
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.57	6.46	6.52	1.7
s-Butyl mercaptan	Zeeco Inlet	5.61	5.85	5.73	4.2
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	11.4	11.6	11.5	1.7
Tetrahydrothiophene	Zeeco Inlet	3.19	3.26	3.23	2.2
Unidentified sulfurs	Zeeco Inlet	18.5	18.7	18.6	1.2

One Tedlar bag sample, laboratory number 21974-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 2.5%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Christian Villagomez	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)	Special Remarks
FL-2009-Inlet	LFG	21974-1	7-14-24	2:50	X	Unfiltered Raw Gas 680 ppm
Zeeco Inlet	LFG	-2	7-14-24	2:35	X	H2S Drager 199 ppm

Relinquished by: (Signature) Christian Villagomez	**Date** 7/14/24	**Time** 8:00AM	**Received by: (Signature)**	**Date** 7/15/24 **Time** 8:00AM
Relinquished by: (Signature)	**Date** 7/15/24	**Time** 9:34 AM	**Received by: (Signature)**	**Date** 7/15/24 **Time** 9:33
Relinquished by: (Signature)	**Date** 7/15/24	**Time** 10:19	**Received for Laboratory by: (Signature)**	**Date** 7/15/24 **Time** 10:20

Company Info:

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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 15, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21974-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	333
Carbonyl sulfide	1.28
Methyl mercaptan	244
Ethyl mercaptan	2.70
Dimethyl sulfide	468
Carbon disulfide	<0.80
i-Propyl mercaptan	2.44
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.57
s-Butyl mercaptan	7.31
i-Butyl mercaptan	<0.80
Dimethyl disulfide	2.05
Tetrahydrothiophene	3.96
Unidentified sulfurs	3.35

(Concentration in ppmv, as H_2S)

Total Sulfur	1076.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 15, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	336	330	333	1.8
Carbonyl sulfide	Zeeco Inlet	1.31	1.25	1.28	4.7
Methyl mercaptan	Zeeco Inlet	243	244	244	0.41
Ethyl mercaptan	Zeeco Inlet	2.68	2.71	2.70	1.1
Dimethyl sulfide	Zeeco Inlet	470	466	468	0.85
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.39	2.49	2.44	4.1
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.47	6.67	6.57	3.0
s-Butyl mercaptan	Zeeco Inlet	7.21	7.40	7.31	2.6
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	2.00	2.09	2.05	4.4
Tetrahydrothiophene	Zeeco Inlet	3.89	4.03	3.96	3.5
Unidentified sulfurs	Zeeco Inlet	3.03	3.66	3.35	19

One Tedlar bag sample, laboratory number 21974-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 4.1%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 1, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 15, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21974-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	21.2
Carbonyl sulfide	0.97
Methyl mercaptan	17.3
Ethyl mercaptan	<0.50
Dimethyl sulfide	280
Carbon disulfide	<0.50
i-Propyl mercaptan	0.62
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.91
s-Butyl mercaptan	3.77
i-Butyl mercaptan	<0.50
Dimethyl disulfide	14.7
Tetrahydrothiophene	2.37
Unidentified sulfurs	30.4
	(Concentration in ppmv, as H_2S)
Total Sulfur	389.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 15, 2024
Date Received: July 15, 2024
Date Analyzed: July 15, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	20.9	21.5	21.2	2.8
Carbonyl sulfide	FL-2009 Inlet	0.96	0.97	0.97	1.0
Methyl mercaptan	FL-2009 Inlet	17.1	17.4	17.3	1.7
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	282	277	280	1.8
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.65	0.58	0.62	11
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.91	3.91	3.91	0.00
s-Butyl mercaptan	FL-2009 Inlet	3.77	3.76	3.77	0.27
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	14.9	14.5	14.7	2.7
Tetrahydrothiophene	FL-2009 Inlet	2.39	2.36	2.37	1.2
Unidentified sulfurs	FL-2009 Inlet	30.8	30.0	30.4	2.8

One Tedlar bag sample, laboratory number 21974-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.6%.

CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon	**Project Location** Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Jaime Cerda	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Leeco Inlet	Landfill Gas	21974-3	7/15/24	7:20am	X					340 ppm	Unfiltered Raw Gas
FL2009 Inlet	Landfill Gas	-4	7/15/24	7:40am	X					12 ppm	H2S Drager

Relinquished by: (Signature) Jaime Cerda	Date 7/15/24	Time 9:34am	**Received by: (Signature)** D. Ferrer	Date 7/15/24	Time 9:33
Relinquished by: (Signature) D Ferrer	Date 7/15/24	Time 10:19	**Received by: (Signature)**	Date	Time
Relinquished by: (Signature)	Date	Time	**Received for Laboratory by: (Signature)**	Date 7/17/24	Time 10:19

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 16, 2024
Date Received: July 17, 2024
Date Analyzed: July 17, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21994-4
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	263
Carbonyl sulfide	1.19
Methyl mercaptan	270
Ethyl mercaptan	3.07
Dimethyl sulfide	570
Carbon disulfide	<0.80
i-Propyl mercaptan	2.18
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	7.71
s-Butyl mercaptan	8.29
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	4.50
Unidentified sulfurs	9.01

(Concentration in ppmv, as H_2S)

Total Sulfur	1137.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 16, 2024
Date Received: July 17, 2024
Date Analyzed: July 17, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	260	266	263	2.3
Carbonyl sulfide	Zeeco Inlet	1.18	1.20	1.19	1.7
Methyl mercaptan	Zeeco Inlet	266	273	270	2.6
Ethyl mercaptan	Zeeco Inlet	3.02	3.12	3.07	3.3
Dimethyl sulfide	Zeeco Inlet	557	582	570	4.4
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.10	2.25	2.18	6.9
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	7.48	7.94	7.71	6.0
s-Butyl mercaptan	Zeeco Inlet	8.24	8.33	8.29	1.1
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	4.42	4.58	4.50	3.6
Unidentified sulfurs	Zeeco Inlet	8.33	9.68	9.01	15

One Tedlar bag sample, laboratory number 21994-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.7%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 16, 2024
Date Received: July 17, 2024
Date Analyzed: July 17, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 21994-5
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	15.4
Carbonyl sulfide	0.85
Methyl mercaptan	14.4
Ethyl mercaptan	<0.50
Dimethyl sulfide	286
Carbon disulfide	<0.50
i-Propyl mercaptan	0.53
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.80
s-Butyl mercaptan	3.47
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.0
Tetrahydrothiophene	2.16
Unidentified sulfurs	35.0
	(Concentration in ppmv, as H_2S)
Total Sulfur	385.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 16, 2024
Date Received: July 17, 2024
Date Analyzed: July 17, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	15.6	15.2	15.4	2.6
Carbonyl sulfide	FL-2009 Inlet	0.86	0.84	0.85	2.4
Methyl mercaptan	FL-2009 Inlet	14.5	14.2	14.4	2.1
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	286	286	286	0.00
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.52	0.54	0.53	3.8
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.81	3.78	3.80	0.79
s-Butyl mercaptan	FL-2009 Inlet	3.51	3.43	3.47	2.3
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.9	12.0	12.0	0.84
Tetrahydrothiophene	FL-2009 Inlet	2.10	2.22	2.16	5.6
Unidentified sulfurs	FL-2009 Inlet	34.5	35.4	35.0	2.7

One Tedlar bag sample, laboratory number 21994-5, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.3%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Jaime Cortez	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zeeco Inlet	LFG	21994-4	7/16/24	4:30pm	X					200 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-5	7/16/24	4:40pm	X					12 ppm	H2S Drager

Relinquished by: *(Signature)* Jaime Cortez	**Date** 7/17/24	**Time** 9:15 AM	**Received by:** *(Signature)* J. Fong	**Date** 7/17/24	**Time** 9:16
Relinquished by: *(Signature)*	**Date** 7/17/24	**Time** 10:03	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/17/24	**Time** 10:09

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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date:	August 2, 2024
Client:	SCS Engineers
Project Location:	Chiquita Canyon
Project No.:	07224200.24 Task 1
Date Sampled:	July 17, 2024
Date Received:	July 17, 2024
Date Analyzed:	July 17, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21994-6
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	248
Carbonyl sulfide	1.10
Methyl mercaptan	250
Ethyl mercaptan	2.89
Dimethyl sulfide	537
Carbon disulfide	<0.80
i-Propyl mercaptan	2.04
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	7.42
s-Butyl mercaptan	7.99
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	4.15
Unidentified sulfurs	8.26

(Concentration in ppmv, as H_2S)

Total Sulfur	1067.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 17, 2024
Date Received: July 17, 2024
Date Analyzed: July 17, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	252	244	248	3.2
Carbonyl sulfide	Zeeco Inlet	1.13	1.06	1.10	6.4
Methyl mercaptan	Zeeco Inlet	255	244	250	4.4
Ethyl mercaptan	Zeeco Inlet	2.95	2.82	2.89	4.5
Dimethyl sulfide	Zeeco Inlet	547	526	537	3.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.07	2.01	2.04	2.9
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	7.50	7.33	7.42	2.4
s-Butyl mercaptan	Zeeco Inlet	8.10	7.87	7.99	2.9
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	4.25	4.04	4.15	5.1
Unidentified sulfurs	Zeeco Inlet	8.45	8.07	8.26	4.6

One Tedlar bag sample, laboratory number 21994-6, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.0%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date:	August 2, 2024
Client:	SCS Engineers
Project Location:	Chiquita Canyon
Project No.:	07224200.24 Task 1
Date Sampled:	July 17, 2024
Date Received:	July 17, 2024
Date Analyzed:	July 17, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21994-7
Sample I.D.:	FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	19.8
Carbonyl sulfide	0.90
Methyl mercaptan	18.1
Ethyl mercaptan	<0.50
Dimethyl sulfide	258
Carbon disulfide	<0.50
i-Propyl mercaptan	0.61
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.50
s-Butyl mercaptan	3.48
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.0
Tetrahydrothiophene	2.10
Unidentified sulfurs	26.7

(Concentration in ppmv, as H_2S)

Total Sulfur	355.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 17, 2024
Date Received: July 17, 2024
Date Analyzed: July 17, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	19.4	20.2	19.8	4.0
Carbonyl sulfide	FL-2009 Inlet	0.88	0.91	0.90	3.4
Methyl mercaptan	FL-2009 Inlet	17.7	18.4	18.1	3.9
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	253	263	258	3.9
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.62	0.59	0.61	5.0
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.41	3.58	3.50	4.9
s-Butyl mercaptan	FL-2009 Inlet	3.49	3.46	3.48	0.86
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	10.8	11.1	11.0	2.7
Tetrahydrothiophene	FL-2009 Inlet	2.04	2.16	2.10	5.9
Unidentified sulfurs	FL-2009 Inlet	26.8	26.5	26.7	0.97

One Tedlar bag sample, laboratory number 21994-7, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 3.5%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Jaime Cortez	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zero Inlet	LFG	21994-6	7/17/24	7:10AM	X					210 ppm	Unfiltered Raw Gas
FL 2009 Inlet	LFG	-7	7/17/24	7:20AM	X					15 ppm	H2S Drager

Relinquished by: (Signature) Jaime Cortez	**Date** 7/17/24	**Time** 9:15am	**Received by: (Signature)** S Ferrer	**Date** 7/17/24	**Time** 9:16AM
Relinquished by: (Signature) S Ferrer	**Date** 7/17/24	**Time** 10:03	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/17/24	**Time** 10:07

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 18, 2024
Date Received: July 18, 2024
Date Analyzed: July 18, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22004-16
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	242
Carbonyl sulfide	1.09
Methyl mercaptan	228
Ethyl mercaptan	2.69
Dimethyl sulfide	486
Carbon disulfide	<0.80
i-Propyl mercaptan	2.02
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.79
s-Butyl mercaptan	7.37
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.67
Unidentified sulfurs	6.48
	(Concentration in ppmv, as H_2S)
Total Sulfur	986.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 18, 2024
Date Received: July 18, 2024
Date Analyzed: July 18, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	246	238	242	3.3
Carbonyl sulfide	Zeeco Inlet	1.10	1.08	1.09	1.8
Methyl mercaptan	Zeeco Inlet	230	226	228	1.8
Ethyl mercaptan	Zeeco Inlet	2.72	2.65	2.69	2.6
Dimethyl sulfide	Zeeco Inlet	488	484	486	0.82
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.00	2.03	2.02	1.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.75	6.82	6.79	1.1
s-Butyl mercaptan	Zeeco Inlet	7.31	7.43	7.37	1.6
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.84	3.49	3.67	9.5
Unidentified sulfurs	Zeeco Inlet	6.36	6.59	6.48	3.5

One Tedlar bag sample, laboratory number 22004-16, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.8%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 18, 2024
Date Received: July 18, 2024
Date Analyzed: July 18, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22004-17
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	21.7
Carbonyl sulfide	0.94
Methyl mercaptan	20.1
Ethyl mercaptan	<0.50
Dimethyl sulfide	266
Carbon disulfide	<0.50
i-Propyl mercaptan	0.62
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.62
s-Butyl mercaptan	3.54
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.4
Tetrahydrothiophene	2.31
Unidentified sulfurs	31.0
	(Concentration in ppmv, as H_2S)
Total Sulfur	372.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 18, 2024
Date Received: July 18, 2024
Date Analyzed: July 18, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	21.8	21.5	21.7	1.4
Carbonyl sulfide	FL-2009 Inlet	0.95	0.93	0.94	2.1
Methyl mercaptan	FL-2009 Inlet	20.2	19.9	20.1	1.5
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	267	264	266	1.1
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.61	0.62	0.62	1.6
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.65	3.58	3.62	1.9
s-Butyl mercaptan	FL-2009 Inlet	3.53	3.54	3.54	0.28
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.3	11.5	11.4	1.8
Tetrahydrothiophene	FL-2009 Inlet	2.26	2.35	2.31	3.9
Unidentified sulfurs	FL-2009 Inlet	30.6	31.3	31.0	2.4

One Tedlar bag sample, laboratory number 22004-17, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Jaime Cerezo	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zeeco Inlet	LFG	22004-16	7/18/24	7:20AM	X					200 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-17	7/18/24	7:30AM	X					18 ppm	H2S Drager

Relinquished by: (Signature) Jaime Cerezo	**Date** 7/18/24	**Time** 8:00AM	**Received by: (Signature)**	**Date** 7/18/24	**Time** 8:10 AM
Relinquished by: (Signature)	**Date** 7/18/24	**Time** 9:23AM	**Received by: (Signature)** Stever	**Date** 7/18/24	**Time** 9:24
Relinquished by: (Signature) Stever	**Date** 7/18/24	**Time** 10:15	**Received for Laboratory by: (Signature)**	**Date** 7/19/24	**Time** 10:15

Company Info:

Company: SCS Engineers
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Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 19, 2024
Date Received: July 19, 2024
Date Analyzed: July 19, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	22014-1
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	310
Carbonyl sulfide	1.17
Methyl mercaptan	223
Ethyl mercaptan	2.63
Dimethyl sulfide	481
Carbon disulfide	<0.80
i-Propyl mercaptan	2.43
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.63
s-Butyl mercaptan	8.06
i-Butyl mercaptan	<0.80
Dimethyl disulfide	2.03
Tetrahydrothiophene	3.82
Unidentified sulfurs	2.56

(Concentration in ppmv, as H_2S)

Total Sulfur	1043.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 19, 2024
Date Received: July 19, 2024
Date Analyzed: July 19, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	305	314	310	2.9
Carbonyl sulfide	Zeeco Inlet	1.15	1.18	1.17	2.6
Methyl mercaptan	Zeeco Inlet	219	226	223	3.1
Ethyl mercaptan	Zeeco Inlet	2.60	2.66	2.63	2.3
Dimethyl sulfide	Zeeco Inlet	475	486	481	2.3
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.44	2.42	2.43	0.82
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.51	6.76	6.63	3.9
s-Butyl mercaptan	Zeeco Inlet	8.02	8.09	8.06	0.87
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	2.07	1.98	2.03	4.4
Tetrahydrothiophene	Zeeco Inlet	3.91	3.72	3.82	5.0
Unidentified sulfurs	Zeeco Inlet	2.57	2.55	2.56	0.78

One Tedlar bag sample, laboratory number 22014-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 2.6%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 19, 2024
Date Received: July 19, 2024
Date Analyzed: July 19, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22014-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	26.2
Carbonyl sulfide	0.95
Methyl mercaptan	24.7
Ethyl mercaptan	0.54
Dimethyl sulfide	294
Carbon disulfide	<0.50
i-Propyl mercaptan	0.77
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.95
s-Butyl mercaptan	4.00
i-Butyl mercaptan	<0.50
Dimethyl disulfide	13.6
Tetrahydrothiophene	2.51
Unidentified sulfurs	36.8
	(Concentration in ppmv, as H_2S)
Total Sulfur	421.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 19, 2024
Date Received: July 19, 2024
Date Analyzed: July 19, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	26.4	26.0	26.2	1.5
Carbonyl sulfide	FL-2009 Inlet	0.97	0.93	0.95	4.2
Methyl mercaptan	FL-2009 Inlet	24.7	24.6	24.7	0.41
Ethyl mercaptan	FL-2009 Inlet	0.54	0.54	0.54	0.00
Dimethyl sulfide	FL-2009 Inlet	293	295	294	0.68
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.75	0.78	0.77	3.9
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.90	4.00	3.95	2.5
s-Butyl mercaptan	FL-2009 Inlet	4.00	4.00	4.00	0.00
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	13.6	13.6	13.6	0.00
Tetrahydrothiophene	FL-2009 Inlet	2.46	2.56	2.51	4.0
Unidentified sulfurs	FL-2009 Inlet	37.4	36.1	36.8	3.6

One Tedlar bag sample, laboratory number 22014-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 1.9%.

CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon	**Project Location** Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Jaime Cerda	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
Leeco Inlet	LFG	22014-1	7/19/24	7:20AM	X						Unfiltered Raw Gas
FL2009 Inlet	LFG	-2	7/19/24	7:40AM	X					18 ppm	H2S Drager
										210 ppm	

Relinquished by: *(Signature)* Jaime Cerda	**Date** 7/19/24	**Time** 8:00AM	**Received by:** *(Signature)*	**Date** 7/19	**Time** 800
Relinquished by: *(Signature)*	**Date** 7/19	**Time** 900AM	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/19/24	**Time** 9:10

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Company: SCS Engineers
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Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 20, 2024
Date Received: July 20, 2024
Date Analyzed: July 20, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22024-1
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	289
Carbonyl sulfide	1.14
Methyl mercaptan	245
Ethyl mercaptan	2.86
Dimethyl sulfide	504
Carbon disulfide	<0.80
i-Propyl mercaptan	2.39
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	7.01
s-Butyl mercaptan	8.36
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	4.17
Unidentified sulfurs	8.20

(Concentration in ppmv, as H_2S)

Total Sulfur	1071.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 20, 2024
Date Received: July 20, 2024
Date Analyzed: July 20, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	290	288	289	0.69
Carbonyl sulfide	Zeeco Inlet	1.13	1.15	1.14	1.8
Methyl mercaptan	Zeeco Inlet	244	245	245	0.41
Ethyl mercaptan	Zeeco Inlet	2.88	2.84	2.86	1.4
Dimethyl sulfide	Zeeco Inlet	506	501	504	0.99
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.36	2.42	2.39	2.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	7.17	6.85	7.01	4.5
s-Butyl mercaptan	Zeeco Inlet	8.55	8.16	8.36	4.7
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	4.22	4.11	4.17	2.6
Unidentified sulfurs	Zeeco Inlet	8.26	8.14	8.20	1.5

One Tedlar bag sample, laboratory number 22024-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.1%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 20, 2024
Date Received: July 20, 2024
Date Analyzed: July 20, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22024-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	28.7
Carbonyl sulfide	0.84
Methyl mercaptan	22.9
Ethyl mercaptan	<0.50
Dimethyl sulfide	242
Carbon disulfide	<0.50
i-Propyl mercaptan	0.79
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.31
s-Butyl mercaptan	3.29
i-Butyl mercaptan	<0.50
Dimethyl disulfide	9.02
Tetrahydrothiophene	2.10
Unidentified sulfurs	27.2
	(Concentration in ppmv, as H_2S)
Total Sulfur	348.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 20, 2024
Date Received: July 20, 2024
Date Analyzed: July 20, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	29.0	28.4	28.7	2.1
Carbonyl sulfide	FL-2009 Inlet	0.82	0.86	0.84	4.8
Methyl mercaptan	FL-2009 Inlet	23.0	22.8	22.9	0.87
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	239	244	242	2.1
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.79	0.78	0.79	1.3
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.30	3.31	3.31	0.30
s-Butyl mercaptan	FL-2009 Inlet	3.31	3.26	3.29	1.5
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.99	9.04	9.02	0.55
Tetrahydrothiophene	FL-2009 Inlet	2.11	2.09	2.10	0.95
Unidentified sulfurs	FL-2009 Inlet	27.1	27.4	27.2	1.1

One Tedlar bag sample, laboratory number 22024-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.5%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Christian Villagomez	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zeeco Inlet	LFG	22024-1	7/20/24	7:30 am	X					210 ppm	Unfiltered Raw Gas
FL-2009 Inlet	LFG	-2	7/20/24	7:15 am	X					26 ppm	H2S Drager

Relinquished by: *(Signature)* Christian Villagomez	**Date** 7/20/24	**Time** 9:02	**Received by:** *(Signature)* LUIS FARFAN	**Date** 7/20/24 **Time** 9:02
Relinquished by: *(Signature)* LUIS FARFAN	**Date** 7/20/24	**Time** 10:33	**Received by:** *(Signature)*	**Date** **Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)* BG	**Date** 7/20/24 **Time** 10:33

Company Info:

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Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 21, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22044-1
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	333
Carbonyl sulfide	0.97
Methyl mercaptan	312
Ethyl mercaptan	3.42
Dimethyl sulfide	732
Carbon disulfide	<0.80
i-Propyl mercaptan	2.40
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	8.93
s-Butyl mercaptan	9.37
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	6.23
Unidentified sulfurs	10.0
	(Concentration in ppmv, as H_2S)
Total Sulfur	1417.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 21, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	338	327	333	3.3
Carbonyl sulfide	Zeeco Inlet	0.97	0.96	0.97	1.0
Methyl mercaptan	Zeeco Inlet	317	307	312	3.2
Ethyl mercaptan	Zeeco Inlet	3.46	3.37	3.42	2.6
Dimethyl sulfide	Zeeco Inlet	742	721	732	2.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.44	2.36	2.40	3.3
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	9.15	8.71	8.93	5.0
s-Butyl mercaptan	Zeeco Inlet	9.45	9.28	9.37	1.8
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	6.37	6.09	6.23	4.5
Unidentified sulfurs	Zeeco Inlet	10.0	10.1	10.0	0.41

One Tedlar bag sample, laboratory number 22044-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.8%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 21, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22044-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	27.2
Carbonyl sulfide	1.06
Methyl mercaptan	22.6
Ethyl mercaptan	<0.50
Dimethyl sulfide	265
Carbon disulfide	<0.50
i-Propyl mercaptan	0.82
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.63
s-Butyl mercaptan	3.52
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.1
Tetrahydrothiophene	2.18
Unidentified sulfurs	36.9

(Concentration in ppmv, as H_2S)

Total Sulfur	386.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 21, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	25.8	28.5	27.2	9.9
Carbonyl sulfide	FL-2009 Inlet	0.99	1.12	1.06	12
Methyl mercaptan	FL-2009 Inlet	21.6	23.6	22.6	8.8
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	252	278	265	9.8
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.77	0.86	0.82	11
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.46	3.80	3.63	9.4
s-Butyl mercaptan	FL-2009 Inlet	3.34	3.70	3.52	10
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.4	12.7	12.1	11
Tetrahydrothiophene	FL-2009 Inlet	2.12	2.24	2.18	5.5
Unidentified sulfurs	FL-2009 Inlet	34.8	38.9	36.9	11

One Tedlar bag sample, laboratory number 22044-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 9.9%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zeeco	LFG	22044-1	7/21/24	13:55PM	X					205PPM	Unfiltered Raw Gas
FL-2009	LFG	-2	7/21/24	14:04PM	X			Filtered		25PPM	H2S Drager

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	7/22/24	8:30 AM		7/22/24	8:30AM
Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	7/22/24	8:35AM		7/22/24	835
Relinquished by: *(Signature)*	Date	Time	Received for Laboratory by: *(Signature)*	Date	Time
	7/22/24	9:19		7/22/24	9:19

Company Info:

Company: SCS Engineers
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City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 22, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22044-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	339
Carbonyl sulfide	1.06
Methyl mercaptan	309
Ethyl mercaptan	3.50
Dimethyl sulfide	722
Carbon disulfide	<0.80
i-Propyl mercaptan	2.52
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	9.13
s-Butyl mercaptan	9.78
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	5.82
Unidentified sulfurs	9.90

(Concentration in ppmv, as H_2S)

Total Sulfur	1411.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 22, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	338	340	339	0.59
Carbonyl sulfide	Zeeco Inlet	1.06	1.06	1.06	0.00
Methyl mercaptan	Zeeco Inlet	308	310	309	0.65
Ethyl mercaptan	Zeeco Inlet	3.45	3.55	3.50	2.9
Dimethyl sulfide	Zeeco Inlet	715	729	722	1.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.53	2.50	2.52	1.2
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	8.97	9.30	9.13	3.6
s-Butyl mercaptan	Zeeco Inlet	9.45	10.1	9.78	6.6
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	5.75	5.89	5.82	2.4
Unidentified sulfurs	Zeeco Inlet	9.92	9.88	9.90	0.38

One Tedlar bag sample, laboratory number 22044-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.0%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 22, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22044-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	37.0
Carbonyl sulfide	0.92
Methyl mercaptan	27.6
Ethyl mercaptan	0.54
Dimethyl sulfide	217
Carbon disulfide	<0.50
i-Propyl mercaptan	0.98
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.07
s-Butyl mercaptan	3.28
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.85
Tetrahydrothiophene	1.89
Unidentified sulfurs	29.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	339.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 22, 2024
Date Received: July 22, 2024
Date Analyzed: July 22, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	38.9	35.0	37.0	11
Carbonyl sulfide	FL-2009 Inlet	0.96	0.88	0.92	8.7
Methyl mercaptan	FL-2009 Inlet	28.4	26.7	27.6	6.2
Ethyl mercaptan	FL-2009 Inlet	0.54	0.53	0.54	1.9
Dimethyl sulfide	FL-2009 Inlet	223	211	217	5.5
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.99	0.96	0.98	3.1
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.10	3.04	3.07	2.0
s-Butyl mercaptan	FL-2009 Inlet	3.37	3.19	3.28	5.5
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	9.05	8.64	8.85	4.6
Tetrahydrothiophene	FL-2009 Inlet	1.90	1.88	1.89	1.3
Unidentified sulfurs	FL-2009 Inlet	29.9	29.0	29.5	3.1

One Tedlar bag sample, laboratory number 22044-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 4.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Leeco Inlet	LFG	22044-3	7/22/24	8:00 AM	X					250 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-4	7/22/24	8:10 AM	X					26 ppm	H2S Drager

Relinquished by: (Signature)	**Date** 7/22/24	**Time** 8:35 AM	**Received by: (Signature)**	**Date** 7/22/24 **Time** 8:35
Relinquished by: (Signature)	**Date** 7/22/24	**Time** 9:19	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/22/24 **Time** 9:19

Company Info:

Company: SCS Engineers
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Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 23, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	22064-7
Sample I.D.:	FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	23.3
Carbonyl sulfide	0.91
Methyl mercaptan	18.8
Ethyl mercaptan	<0.50
Dimethyl sulfide	275
Carbon disulfide	<0.50
i-Propyl mercaptan	0.79
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.61
s-Butyl mercaptan	3.24
i-Butyl mercaptan	<0.50
Dimethyl disulfide	9.14
Tetrahydrothiophene	1.65
Unidentified sulfurs	22.0

(Concentration in ppmv, as H_2S)

Total Sulfur	367.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 23, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	22.0	24.6	23.3	11
Carbonyl sulfide	FL-2009 Inlet	0.87	0.95	0.91	8.8
Methyl mercaptan	FL-2009 Inlet	17.7	19.8	18.8	11
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	265	284	275	6.9
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.77	0.81	0.79	5.1
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.46	3.75	3.61	8.0
s-Butyl mercaptan	FL-2009 Inlet	3.13	3.34	3.24	6.5
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.82	9.46	9.14	7.0
Tetrahydrothiophene	FL-2009 Inlet	1.58	1.71	1.65	8.0
Unidentified sulfurs	FL-2009 Inlet	21.3	22.7	22.0	6.4

One Tedlar bag sample, laboratory number 22064-7, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 7.9%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 23, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22064-8
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	338
Carbonyl sulfide	1.12
Methyl mercaptan	303
Ethyl mercaptan	3.51
Dimethyl sulfide	702
Carbon disulfide	<0.80
i-Propyl mercaptan	2.29
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	8.84
s-Butyl mercaptan	9.36
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	5.58
Unidentified sulfurs	10.5

(Concentration in ppmv, as H_2S)

Total Sulfur	1383.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 23, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	338	338	338	0.00
Carbonyl sulfide	Zeeco Inlet	1.13	1.11	1.12	1.8
Methyl mercaptan	Zeeco Inlet	305	300	303	1.7
Ethyl mercaptan	Zeeco Inlet	3.50	3.52	3.51	0.57
Dimethyl sulfide	Zeeco Inlet	709	695	702	2.0
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.35	2.23	2.29	5.2
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	8.80	8.89	8.84	1.0
s-Butyl mercaptan	Zeeco Inlet	9.41	9.31	9.36	1.1
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	5.51	5.64	5.58	2.3
Unidentified sulfurs	Zeeco Inlet	10.6	10.4	10.5	2.0

One Tedlar bag sample, laboratory number 22064-8, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Jaime Coronel	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
FL-2009 Inlet	Landfill Gas	22064-7	7/23/24	7:40pm	X						Unfiltered Raw Gas 17ppm
Zeeco Inlet	Landfill Gas	-6	7/23/24	3:00pm	X						H2S Drager 200ppm

Relinquished by: (Signature) Jaime Coronel	Date 7/23/24	Time 8:00am	**Received by: (Signature)** Mark Guerrero	Date 7/23/24	Time 8:00 am
Relinquished by: (Signature) Mark Guerrero	Date 7/24/24	Time 8:13am	**Received by: (Signature)**	Date 7/24/24	Time 813
Relinquished by: (Signature)	Date 7/24/24	Time 9:14	**Received for Laboratory by: (Signature)**	Date 7/24/24	Time 9:14

Company Info:

Company: SCS Engineers
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Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 24, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22064-9
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	23.7
Carbonyl sulfide	0.90
Methyl mercaptan	17.3
Ethyl mercaptan	<0.50
Dimethyl sulfide	268
Carbon disulfide	<0.50
i-Propyl mercaptan	0.73
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.56
s-Butyl mercaptan	3.45
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.2
Tetrahydrothiophene	1.89
Unidentified sulfurs	23.3
	(Concentration in ppmv, as H_2S)
Total Sulfur	364.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 24, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	23.7	23.7	23.7	0.00
Carbonyl sulfide	FL-2009 Inlet	0.91	0.89	0.90	2.2
Methyl mercaptan	FL-2009 Inlet	17.3	17.2	17.3	0.58
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	271	264	268	2.6
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.74	0.72	0.73	2.7
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.55	3.56	3.56	0.28
s-Butyl mercaptan	FL-2009 Inlet	3.44	3.45	3.45	0.29
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.3	11.1	11.2	1.8
Tetrahydrothiophene	FL-2009 Inlet	1.90	1.88	1.89	1.1
Unidentified sulfurs	FL-2009 Inlet	23.6	23.1	23.3	2.0

One Tedlar bag sample, laboratory number 22064-9, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.4%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 24, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	22064-10
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	212
Carbonyl sulfide	1.15
Methyl mercaptan	182
Ethyl mercaptan	2.46
Dimethyl sulfide	480
Carbon disulfide	<0.80
i-Propyl mercaptan	2.27
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.47
s-Butyl mercaptan	7.99
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	4.33
Unidentified sulfurs	8.84

(Concentration in ppmv, as H_2S)

Total Sulfur	907.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 24, 2024
Date Received: July 24, 2024
Date Analyzed: July 24, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	208	216	212	3.8
Carbonyl sulfide	Zeeco Inlet	1.11	1.18	1.15	6.1
Methyl mercaptan	Zeeco Inlet	178	185	182	3.9
Ethyl mercaptan	Zeeco Inlet	2.38	2.54	2.46	6.5
Dimethyl sulfide	Zeeco Inlet	473	487	480	2.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.21	2.32	2.27	4.9
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.33	6.60	6.47	4.3
s-Butyl mercaptan	Zeeco Inlet	7.81	8.16	7.99	4.4
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	4.23	4.42	4.33	4.4
Unidentified sulfurs	Zeeco Inlet	8.46	9.21	8.84	8.4

One Tedlar bag sample, laboratory number 22064-10, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.9%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature) Mark Guerrero	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-2009 Inlet	Landfill Gas	22064-9	7/24/24	7:30am	X						Unfiltered Raw Gas 13ppm
Zeeco Inlet	Landfill Gas	-10	7/24/24	7:40am	X						H2S Drager 180ppm

ANALYSES REQUESTED

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Mark Guerrero	7/24/24	8:13am		7/24/24	8:13
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
	7/24/24	9:14			
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date**	**Time**
				7/24/24	9:14

Company Info:

Company: SCS Engineers
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Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 25, 2024
Date Received: July 25, 2024
Date Analyzed: July 25, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22074-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	205
Carbonyl sulfide	0.74
Methyl mercaptan	130
Ethyl mercaptan	1.67
Dimethyl sulfide	296
Carbon disulfide	<0.80
i-Propyl mercaptan	1.30
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	4.49
s-Butyl mercaptan	4.63
i-Butyl mercaptan	<0.80
Dimethyl disulfide	1.45
Tetrahydrothiophene	2.58
Unidentified sulfurs	1.28

(Concentration in ppmv, as H_2S)

Total Sulfur	650.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 25, 2024
Date Received: July 25, 2024
Date Analyzed: July 25, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	204	206	205	0.98
Carbonyl sulfide	Zeeco Inlet	0.71	0.77	0.74	8.1
Methyl mercaptan	Zeeco Inlet	129	131	130	1.5
Ethyl mercaptan	Zeeco Inlet	1.64	1.70	1.67	3.6
Dimethyl sulfide	Zeeco Inlet	293	299	296	2.0
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.26	1.33	1.30	5.4
t-Butyl mercaptan	Zeeco Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	Zeeco Inlet	4.39	4.58	4.49	4.2
s-Butyl mercaptan	Zeeco Inlet	4.49	4.76	4.63	5.8
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	1.40	1.49	1.45	6.2
Tetrahydrothiophene	Zeeco Inlet	2.49	2.67	2.58	7.0
Unidentified sulfurs	Zeeco Inlet	1.25	1.31	1.28	4.7

One Tedlar bag sample, laboratory number 22074-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 4.5%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 25, 2024
Date Received: July 25, 2024
Date Analyzed: July 25, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22074-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	34.6
Carbonyl sulfide	0.96
Methyl mercaptan	24.8
Ethyl mercaptan	<0.50
Dimethyl sulfide	272
Carbon disulfide	<0.50
i-Propyl mercaptan	0.92
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.94
s-Butyl mercaptan	3.93
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.9
Tetrahydrothiophene	2.08
Unidentified sulfurs	15.4
	(Concentration in ppmv, as H_2S)
Total Sulfur	382.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 25, 2024
Date Received: July 25, 2024
Date Analyzed: July 25, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	34.2	34.9	34.6	2.0
Carbonyl sulfide	FL-2009 Inlet	0.96	0.95	0.96	1.0
Methyl mercaptan	FL-2009 Inlet	25	25.0	24.8	1.6
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	274	270	272	1.5
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.88	0.96	0.92	8.7
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.97	3.90	3.94	1.8
s-Butyl mercaptan	FL-2009 Inlet	3.94	3.91	3.93	0.76
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.9	11.9	11.9	0.00
Tetrahydrothiophene	FL-2009 Inlet	2.10	2.05	2.08	2.4
Unidentified sulfurs	FL-2009 Inlet	15.5	15.3	15.4	1.4

One Tedlar bag sample, laboratory number 22074-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.1%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Jeanne Cooper	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Leeco Inlet	LFG	22074-3		7:30AM	X					180 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-4		7:45AM	X					18 ppm	H2S Drager

Relinquished by: *(Signature)* Jeanne Cooper	**Date** 7/25/24	**Time** 9:00AM	**Received by:** *(Signature)* Q. Ferrer	**Date** 7/25/24	**Time** 9:00AM
Relinquished by: *(Signature)* Q. Ferrer	**Date** 7/25/24	**Time** 10:09	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/25/24	**Time** 10:09

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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 26, 2024
Date Received: July 26, 2024
Date Analyzed: July 26, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22084-4
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	218
Carbonyl sulfide	0.78
Methyl mercaptan	172
Ethyl mercaptan	2.19
Dimethyl sulfide	396
Carbon disulfide	<0.80
i-Propyl mercaptan	1.70
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.39
s-Butyl mercaptan	6.12
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.63
Unidentified sulfurs	4.96
	(Concentration in ppmv, as H_2S)
Total Sulfur	809.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 26, 2024
Date Received: July 26, 2024
Date Analyzed: July 26, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	214	222	218	3.7
Carbonyl sulfide	Zeeco Inlet	0.73	0.82	0.78	12
Methyl mercaptan	Zeeco Inlet	169	174	172	2.9
Ethyl mercaptan	Zeeco Inlet	2.11	2.26	2.19	6.9
Dimethyl sulfide	Zeeco Inlet	388	403	396	3.8
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.69	1.70	1.70	0.59
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.21	5.57	5.39	6.7
s-Butyl mercaptan	Zeeco Inlet	5.94	6.30	6.12	5.9
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.57	3.68	3.63	3.0
Unidentified sulfurs	Zeeco Inlet	4.81	5.12	4.96	6.4

One Tedlar bag sample, laboratory number 22084-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 5.1%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 26, 2024
Date Received: July 26, 2024
Date Analyzed: July 26, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22084-5
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	40.6
Carbonyl sulfide	0.99
Methyl mercaptan	21.0
Ethyl mercaptan	<0.50
Dimethyl sulfide	236
Carbon disulfide	<0.50
i-Propyl mercaptan	1.05
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.42
s-Butyl mercaptan	3.84
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.4
Tetrahydrothiophene	1.98
Unidentified sulfurs	19.3
	(Concentration in ppmv, as H_2S)
Total Sulfur	352.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 26, 2024
Date Received: July 26, 2024
Date Analyzed: July 26, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	39.7	41.5	40.6	4.4
Carbonyl sulfide	FL-2009 Inlet	0.98	1.00	0.99	2.0
Methyl mercaptan	FL-2009 Inlet	20.5	21.4	21.0	4.3
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	231	241	236	4.2
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.03	1.06	1.05	2.9
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.28	3.56	3.42	8.2
s-Butyl mercaptan	FL-2009 Inlet	3.66	4.02	3.84	9.4
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.0	12.8	12.4	6.5
Tetrahydrothiophene	FL-2009 Inlet	1.98	1.99	1.98	0.37
Unidentified sulfurs	FL-2009 Inlet	18.6	20.0	19.3	7.0

One Tedlar bag sample, laboratory number 22084-5, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.9%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Jaime Cerros	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Leeco Inlet	LFG	22084-4	7/26/24	7:20 AM	X					180 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-5	7/26/24	7:33 AM	X					28 ppm	H2S Drager

Relinquished by: *(Signature)* Jaime Cerros	**Date** 7/26/24	**Time** 8:45 AM	**Received by:** *(Signature)* S. Fong	**Date** 7/26/24 **Time** 8:45
Relinquished by: *(Signature)* S. Fong	**Date** 7/26/24	**Time** 9:29 AM	**Received by:** *(Signature)*	**Date** **Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/26/24 **Time** 9:29

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Project Manager: Cornelius Fong
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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 27, 2024
Date Received: July 27, 2024
Date Analyzed: July 27, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22094-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	38.0
Carbonyl sulfide	0.94
Methyl mercaptan	24.1
Ethyl mercaptan	<0.50
Dimethyl sulfide	266
Carbon disulfide	<0.50
i-Propyl mercaptan	0.99
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.56
s-Butyl mercaptan	3.88
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.0
Tetrahydrothiophene	2.22
Unidentified sulfurs	28.8

(Concentration in ppmv, as H_2S)

Total Sulfur	391.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 27, 2024
Date Received: July 27, 2024
Date Analyzed: July 27, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	37.4	38.6	38.0	3.2
Carbonyl sulfide	FL-2009 Inlet	0.92	0.96	0.94	4.3
Methyl mercaptan	FL-2009 Inlet	23.5	24.7	24.1	5.0
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	259	272	266	4.9
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.95	1.02	0.99	7.1
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.50	3.61	3.56	3.1
s-Butyl mercaptan	FL-2009 Inlet	3.76	4.00	3.88	6.2
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.6	12.3	12.0	5.9
Tetrahydrothiophene	FL-2009 Inlet	2.09	2.34	2.22	11
Unidentified sulfurs	FL-2009 Inlet	27.5	30.0	28.8	8.8

One Tedlar bag sample, laboratory number 22094-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 6.0%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 27, 2024
Date Received: July 27, 2024
Date Analyzed: July 27, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22094-2
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	182
Carbonyl sulfide	<0.80
Methyl mercaptan	125
Ethyl mercaptan	1.49
Dimethyl sulfide	259
Carbon disulfide	<0.80
i-Propyl mercaptan	1.31
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	3.94
s-Butyl mercaptan	4.08
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.29
Unidentified sulfurs	3.60
	(Concentration in ppmv, as H_2S)
Total Sulfur	582.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 27, 2024
Date Received: July 27, 2024
Date Analyzed: July 27, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	182	181	182	0.55
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	125	125	125	0.00
Ethyl mercaptan	Zeeco Inlet	1.49	1.48	1.49	0.67
Dimethyl sulfide	Zeeco Inlet	258	260	259	0.77
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.30	1.31	1.31	0.77
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	3.93	3.94	3.94	0.25
s-Butyl mercaptan	Zeeco Inlet	4.04	4.11	4.08	1.7
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.31	2.27	2.29	1.7
Unidentified sulfurs	Zeeco Inlet	3.66	3.55	3.60	3.1

One Tedlar bag sample, laboratory number 22094-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 9 repeat measurements from one Tedlar bag sample is 1.1%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
FL-2009 INLET	Landfill Gas	22094-1	7/27/24		X						Unfiltered Raw Gas 30 ppm
Zeeco INLET	Landfill Gas	-2	7/27/24		X						H2S Drager 1400PPM

Relinquished by: (Signature)	**Date** 7/27/24	**Time** 9:00AM	**Received by: (Signature)** LUIS FARFAN	**Date** 7/27/24	**Time** 9:00
Relinquished by: (Signature) LUIS FARFAN	**Date** 7/27/24	**Time** 9:45	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/27/24	**Time** 10:00

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Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 28, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22114-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	8.52
Carbonyl sulfide	1.12
Methyl mercaptan	9.27
Ethyl mercaptan	<0.50
Dimethyl sulfide	308
Carbon disulfide	<0.50
i-Propyl mercaptan	0.53
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	4.19
s-Butyl mercaptan	3.86
i-Butyl mercaptan	<0.50
Dimethyl disulfide	20.9
Tetrahydrothiophene	2.52
Unidentified sulfurs	38.8
	(Concentration in ppmv, as H_2S)
Total Sulfur	418.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 28, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	8.32	8.71	8.52	4.6
Carbonyl sulfide	FL-2009 Inlet	1.09	1.14	1.12	4.5
Methyl mercaptan	FL-2009 Inlet	9.10	9.44	9.27	3.7
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	308	308	308	0.00
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.53	0.53	0.53	0.00
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	4.09	4.28	4.19	4.5
s-Butyl mercaptan	FL-2009 Inlet	3.78	3.94	3.86	4.1
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	20.6	21.1	20.9	2.4
Tetrahydrothiophene	FL-2009 Inlet	2.53	2.51	2.52	0.79
Unidentified sulfurs	FL-2009 Inlet	38.1	39.6	38.8	3.8

One Tedlar bag sample, laboratory number 22114-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.8%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 28, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	22114-2
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	199
Carbonyl sulfide	<0.80
Methyl mercaptan	135
Ethyl mercaptan	1.61
Dimethyl sulfide	275
Carbon disulfide	<0.80
i-Propyl mercaptan	1.46
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.02
s-Butyl mercaptan	4.41
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.63
Unidentified sulfurs	3.69
	(Concentration in ppmv, as H_2S)
Total Sulfur	625.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 28, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	202	196	199	3.0
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	136	133	135	2.2
Ethyl mercaptan	Zeeco Inlet	1.65	1.57	1.61	5.0
Dimethyl sulfide	Zeeco Inlet	279	270	275	3.3
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.45	1.47	1.46	1.4
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	3.95	4.10	4.02	3.8
s-Butyl mercaptan	Zeeco Inlet	4.51	4.30	4.41	4.8
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.79	2.47	2.63	12
Unidentified sulfurs	Zeeco Inlet	3.73	3.66	3.69	1.8

One Tedlar bag sample, laboratory number 22114-2, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 9 repeat measurements from one Tedlar bag sample is 4.2%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Christian Villagomez	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)	Special Remarks
FL-2009 Inlet	Landfill gas	22114-1	7/28/24	3:30pm	X	Unfiltered Raw Gas
Zeeco Inlet	Landfill gas	-2	7/28/24	3:05pm	X	H2S Drager 110 ppm

Relinquished by: *(Signature)* Christian Villagomez	Date 7/29/24	Time 8:36am	**Received by:** *(Signature)* Mark Guerrero	Date 7/29/24 Time 8:36am
Relinquished by: *(Signature)* Mark Guerrero	Date 7/29/24	Time	**Received by:** *(Signature)* S Ferrer	Date 7/29/24 Time 9:15
Relinquished by: *(Signature)* S Ferrer	Date 7/29/24	Time 9:56	**Received for Laboratory by:** *(Signature)*	Date 7/29/24 Time 9:56

Company Info:

Company: SCS Engineers
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City/State/Zip: Long Beach / CA / 90806
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Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 29, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22114-3
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	28.0
Carbonyl sulfide	1.01
Methyl mercaptan	23.7
Ethyl mercaptan	<0.50
Dimethyl sulfide	282
Carbon disulfide	<0.50
i-Propyl mercaptan	0.93
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.94
s-Butyl mercaptan	4.09
i-Butyl mercaptan	<0.50
Dimethyl disulfide	14.5
Tetrahydrothiophene	2.45
Unidentified sulfurs	31.1
	(Concentration in ppmv, as H_2S)
Total Sulfur	406.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 29, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	27.9	28.1	28.0	0.71
Carbonyl sulfide	FL-2009 Inlet	1.02	1.00	1.01	2.0
Methyl mercaptan	FL-2009 Inlet	23.6	23.7	23.7	0.42
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	285	279	282	2.1
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.91	0.95	0.93	4.3
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.92	3.95	3.94	0.76
s-Butyl mercaptan	FL-2009 Inlet	4.08	4.10	4.09	0.5
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	14.5	14.5	14.5	0.00
Tetrahydrothiophene	FL-2009 Inlet	2.44	2.45	2.45	0.41
Unidentified sulfurs	FL-2009 Inlet	31.0	31.1	31.1	0.52

One Tedlar bag sample, laboratory number 22114-3, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 1.2%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 29, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22114-4
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	182
Carbonyl sulfide	<0.80
Methyl mercaptan	131
Ethyl mercaptan	1.48
Dimethyl sulfide	258
Carbon disulfide	<0.80
i-Propyl mercaptan	1.31
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.04
s-Butyl mercaptan	4.17
i-Butyl mercaptan	<0.80
Dimethyl disulfide	1.23
Tetrahydrothiophene	2.49
Unidentified sulfurs	1.12
	(Concentration in ppmv, as H_2S)
Total Sulfur	586.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 29, 2024
Date Received: July 29, 2024
Date Analyzed: July 29, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	183	180	182	1.7
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	131	130	131	0.77
Ethyl mercaptan	Zeeco Inlet	1.50	1.45	1.48	3.4
Dimethyl sulfide	Zeeco Inlet	257	258	258	0.39
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.32	1.30	1.31	1.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	3.97	4.11	4.04	3.5
s-Butyl mercaptan	Zeeco Inlet	4.21	4.12	4.17	2.2
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	1.24	1.22	1.23	1.6
Tetrahydrothiophene	Zeeco Inlet	2.61	2.36	2.49	10
Unidentified sulfurs	Zeeco Inlet	1.10	1.14	1.12	3.6

One Tedlar bag sample, laboratory number 22114-4, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.9%.

CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon	**Project Location** Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Mark Sheerin	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-2009 Inlet	Landfill Gas	22114-3	7/29/24	7:40am	X					20 ppm	Unfiltered Raw Gas
Zeeco Inlet	Landfill Gas	-4	7/29/24	7:45am	X					160 ppm	H2S Drager

Relinquished by: *(Signature)* Mark Sheerin	**Date** 7/29/24	**Time**	**Received by:** *(Signature)* S. Ferrer	**Date** 7/29/24	**Time** 9:15
Relinquished by: *(Signature)* S. Ferrer	**Date** 7/29/24	**Time** 9:52	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 7/29/24	**Time** 9:52

Company Info:

Company: SCS Engineers
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Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 30, 2024
Date Received: July 30, 2024
Date Analyzed: July 30, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22124-7
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	21.2
Carbonyl sulfide	0.88
Methyl mercaptan	16.4
Ethyl mercaptan	<0.50
Dimethyl sulfide	256
Carbon disulfide	<0.50
i-Propyl mercaptan	0.77
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.52
s-Butyl mercaptan	3.91
i-Butyl mercaptan	<0.50
Dimethyl disulfide	15.8
Tetrahydrothiophene	2.50
Unidentified sulfurs	42.1
	(Concentration in ppmv, as H_2S)
Total Sulfur	378.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 30, 2024
Date Received: July 30, 2024
Date Analyzed: July 30, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	20.6	21.8	21.2	5.7
Carbonyl sulfide	FL-2009 Inlet	0.87	0.89	0.88	2.3
Methyl mercaptan	FL-2009 Inlet	16.0	16.7	16.4	4.3
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	254	258	256	1.6
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.76	0.77	0.77	1.3
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.50	3.53	3.52	0.85
s-Butyl mercaptan	FL-2009 Inlet	3.88	3.93	3.91	1.3
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	15.6	16.0	15.8	2.5
Tetrahydrothiophene	FL-2009 Inlet	2.46	2.54	2.50	3.2
Unidentified sulfurs	FL-2009 Inlet	41.1	43.0	42.1	4.4

One Tedlar bag sample, laboratory number 22124-7, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 2.7%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: July 30, 2024
Date Received: July 30, 2024
Date Analyzed: July 30, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22124-8
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	206
Carbonyl sulfide	<0.80
Methyl mercaptan	150
Ethyl mercaptan	1.69
Dimethyl sulfide	312
Carbon disulfide	<0.80
i-Propyl mercaptan	1.52
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.56
s-Butyl mercaptan	5.05
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.91
Unidentified sulfurs	5.48
	(Concentration in ppmv, as H_2S)
Total Sulfur	688.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 30, 2024
Date Received: July 30, 2024
Date Analyzed: July 30, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	204	208	206	1.9
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	148	152	150	2.7
Ethyl mercaptan	Zeeco Inlet	1.62	1.75	1.69	7.7
Dimethyl sulfide	Zeeco Inlet	307	316	312	2.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.52	1.52	1.52	0.00
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.70	4.43	4.56	6.0
s-Butyl mercaptan	Zeeco Inlet	5.00	5.09	5.05	1.8
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.91	2.90	2.91	0.34
Unidentified sulfurs	Zeeco Inlet	5.33	5.64	5.48	5.7

One Tedlar bag sample, laboratory number 22124-8, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 9 repeat measurements from one Tedlar bag sample is 3.2%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224300.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)* Erik	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-2009 INLET	LFG	22124-7	7-30-24	9:20am	X						Unfiltered Raw Gas
Zeeco INLET	LFG	-8	7-30-24	9:25 am	X						H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)* Erik	Date 7-30-24	Time 9:52	**Received by:** *(Signature)* Ferrer	Date 7/30/24 Time 9:52
Relinquished by: *(Signature)* Ferrer	Date 7/30/24	Time 11:11	**Received by:** *(Signature)*	Date	Time
Relinquished by: *(Signature)*	Date	Time	**Received for Laboratory by:** *(Signature)*	Date 7/30/24	Time 11:11

Company Info:

Company:	SCS Engineers
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Fax No.:	

Send Report to:

Company:	SCS Engineers
Street Address	3900 Kilroy Airport Way Suite 100
City/State/Zip:	Long Beach / CA / 90806
Project Manager:	Cornelius Fong
Email Address:	CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 31, 2024
Date Received: July 31, 2024
Date Analyzed: July 31, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22134-7
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	208
Carbonyl sulfide	<0.80
Methyl mercaptan	141
Ethyl mercaptan	1.66
Dimethyl sulfide	297
Carbon disulfide	<0.80
i-Propyl mercaptan	1.48
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.54
s-Butyl mercaptan	4.83
i-Butyl mercaptan	<0.80
Dimethyl disulfide	1.45
Tetrahydrothiophene	2.77
Unidentified sulfurs	1.29

(Concentration in ppmv, as H_2S)

Total Sulfur	664.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 31, 2024
Date Received: July 31, 2024
Date Analyzed: July 31, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	206	210	208	1.9
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	139	142	141	2.1
Ethyl mercaptan	Zeeco Inlet	1.61	1.70	1.66	5.4
Dimethyl sulfide	Zeeco Inlet	293	300	297	2.4
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.44	1.51	1.48	4.7
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.44	4.64	4.54	4.4
s-Butyl mercaptan	Zeeco Inlet	4.84	4.81	4.83	0.62
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	1.38	1.51	1.45	9.0
Tetrahydrothiophene	Zeeco Inlet	2.73	2.81	2.77	2.9
Unidentified sulfurs	Zeeco Inlet	1.26	1.31	1.29	3.9

One Tedlar bag sample, laboratory number 22134-7, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 3.7%.

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specialized air assessment laboratory
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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: August 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: July 31, 2024
Date Received: July 31, 2024
Date Analyzed: July 31, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.: 22134-8
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	34.6
Carbonyl sulfide	1.00
Methyl mercaptan	26.7
Ethyl mercaptan	0.52
Dimethyl sulfide	290
Carbon disulfide	<0.50
i-Propyl mercaptan	1.04
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.93
s-Butyl mercaptan	4.24
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.6
Tetrahydrothiophene	2.44
Unidentified sulfurs	32.0
	(Concentration in ppmv, as H_2S)
Total Sulfur	421.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: July 31, 2024
Date Received: July 31, 2024
Date Analyzed: July 31, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	34.2	35.0	34.6	2.3
Carbonyl sulfide	FL-2009 Inlet	0.98	1.02	1.00	4.0
Methyl mercaptan	FL-2009 Inlet	26.1	27.3	26.7	4.5
Ethyl mercaptan	FL-2009 Inlet	0.53	0.51	0.52	3.8
Dimethyl sulfide	FL-2009 Inlet	285	294	290	3.1
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.03	1.05	1.04	1.9
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.92	3.93	3.93	0.25
s-Butyl mercaptan	FL-2009 Inlet	4.24	4.23	4.24	0.24
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.4	12.7	12.6	2.4
Tetrahydrothiophene	FL-2009 Inlet	2.42	2.46	2.44	1.6
Unidentified sulfurs	FL-2009 Inlet	31.6	32.3	32.0	2.0

One Tedlar bag sample, laboratory number 22134-8, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from one Tedlar bag sample is 2.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zeeco Inlet	LFG	22134-7	7/31/24	7:35am	X					180 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-8	7/31/24	7:45am	X					22 ppm	H2S Drager

Relinquished by: (Signature)	**Date** 7/31/24	**Time** 9:01 AM	**Received by: (Signature)**	**Date** 7/31/24 **Time** 9:01
Relinquished by: (Signature)	**Date** 7/31/24	**Time** 9:53	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 7/31/24 **Time** 9:53

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
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City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
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Analytical Laboratory

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Attachment B

Calculations

Chiquita Canyon Landfill
LFG Not Combusted
Monthly Report Period: July 2024

Date	Flare 1, 2, 3, Envent, Zeeco Total Flow Rate (scf/day)	2024 Baseline Flow Rate (scf/day)	LFG Not Combusted (scf/day)[1]	Ameresco LFG Processed (scf/day)[2]	LFG Not Combusted (scfm)
7/1/2024	17,941,399	--	--	0	--
7/2/2024	18,856,849	--	--	0	--
7/3/2024	18,391,846	--	--	0	--
7/4/2024	18,471,149	--	--	0	--
7/5/2024	17,060,810	--	--	0	--
7/6/2024	16,851,769	--	--	0	--
7/7/2024	15,079,843	15,380,725	300,882	0	209
7/8/2024	15,756,977	--	--	0	--
7/9/2024	13,941,694	15,380,725	1,439,031	0	999
7/10/2024	16,655,753	--	--	0	--
7/11/2024	17,938,314	--	--	0	--
7/12/2024	18,006,660	--	--	0	--
7/13/2024	18,228,245	--	--	0	--
7/14/2024	17,678,140	--	--	0	--
7/15/2024	17,480,714	--	--	0	--
7/16/2024	17,533,100	--	--	0	--
7/17/2024	17,082,848	--	--	0	--
7/18/2024	17,419,507	--	--	0	--
7/19/2024	16,313,857	--	--	0	--
7/20/2024	16,683,059	--	--	0	--
7/21/2024	16,405,585	--	--	0	--
7/22/2024	16,685,769	--	--	0	--
7/23/2024	15,051,434	15,380,725	329,291	0	229
7/24/2024	17,801,454	--	--	0	--
7/25/2024	17,955,075	--	--	0	--
7/26/2024	18,159,149	--	--	0	--
7/27/2024	18,111,004	--	--	0	--
7/28/2024	17,630,890	--	--	0	--
7/29/2024	17,384,836	--	--	0	--
7/30/2024	15,025,936	15,380,725	354,789	0	246
7/31/2024	16,966,863	--	--	0	--
Total/Average					**421**

[1]Total LFG not combusted is calculated based on the difference from modeled flow rate from all control devices in 2024 (baseline) and flow rate from Flares 1, 2, 3, and the Zeeco Flare during the reporting period. Ameresco applied for variance to operate the LFG turbine plant under a variance order, and their variance was approved on February 15, 2023. Ameresco restarted operations on February 16, 2023, returning LFG collection and control system at CCL to full capacity. Therefore, the daily flow of LFG not flared per Section B ended on February 17, 2023, except for periods when the Ameresco Plant and/or the Flares are offline or processing less LFG for other reasons.

[2]Actual Ameresco LFG flow rate after restarting operations are greater than the unflared amount while Ameresco was off-line.

*Flare Flow and Runtime from chart recorder data.

*Date of lab data based on date sampled.

2024 Baseline Flow Rate					
Devices	**Gas Recovery (scf)**	**Flow Rate (scf/day)**	**Flow Rate (scfm)**	**LandGEM Generation (scfm)**	**% Change**
2022	4,351,276,471	11,921,305	32,661	12,800	
2023	5,373,366,012	14,721,551	40,333	13,400	4.69%
2024	5,613,964,490	**15,380,725**	42,139	14,000	4.48%

*Flare flow from chart recorder data. LFGTE Facility flow from Ameresco.

Attachment C

Surface Emissions Monitoring

2024 Chiquita Surface Emissions Exceedance

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
Integrated (Monthly)															
169	1/10/24	28	Trackwalk	1/17/24	22.00	NA	NA	NA							
171	1/10/24	36	Trackwalk	1/17/24	38.00	Moist soil	1/24/2024	103	ture Condition, Soil/Dirt Compac	1/31/24	23.00	3/9/2024	1/30/24: Relocated Zeeco flare to increase system vacuum. Installed new vertical wells CV-24047 (2/15/24), CV-24053 (1/29/24), CV-24073 (3/12/24)	3/5/2024	14
172	1/10/24	35	Trackwalk	1/17/24	56.00	Moist soil	1/24/2024	22							
176	1/10/24	45	Trackwalk	1/17/24	29.00	Moist soil	1/24/2024	15							
179	1/10/24	210	Trackwalk	1/17/24	84.00	Moist soil	1/24/2024	23							
183	1/10/24	171	Trackwalk	1/17/24	91.00	Moist soil	1/24/2024	21							
153	1/24/24	29	Trackwalk	1/31/24	14.00	NA	NA	NA							
152	1/24/24	37	Trackwalk	1/31/24	22.00	NA	NA	NA							
151	1/24/24	52	Trackwalk	1/31/24	18.00	NA	NA	NA							
171	1/24/24	103	Trackwalk	1/31/24	23.00	NA	NA	NA							
156	1/24/24	229	Trackwalk	1/31/24	16.00	NA	NA	NA							
173	1/24/24	41	Trackwalk	1/31/24	14.00	NA	NA	NA							
150	1/24/24	35	Trackwalk	1/31/24	22.00	NA	NA	NA							
174	2/10/24	25	Trackwalk	2/16/24	23.00	NA	NA	NA							
175	2/10/24	25	Trackwalk	2/16/24	22.00	NA	NA	NA							
176	2/10/24	275	Trackwalk	2/16/24	20.00	NA	NA	NA							
177	2/10/24	33	Trackwalk	2/16/24	16.00	NA	NA	NA							
179	2/10/24	332	Trackwalk	2/16/24	16.00	NA	NA	NA							
180	2/10/24	60	Trackwalk	2/16/24	20.00	NA	NA	NA							
184	2/10/24	54	Trackwalk	2/16/24	19.00	NA	NA	NA							
185	2/24/24	49	Trackwalk	3/4/24	22.00	NA	NA	NA							
150	2/24/24	58	Trackwalk	3/4/24	20.00	NA	NA	NA							
156	2/24/24	72	Trackwalk	3/4/24	86.00	Moist soil	3/13/2024	24							
176	2/24/24	63	Trackwalk	3/4/24	19.00	NA	NA	NA							
169	2/24/24	265	Trackwalk	3/4/24	170.00	Moist soil	3/13/2024	21							
166	2/24/24	210	Trackwalk	3/4/24	130.00	Moist soil	3/13/2024	23							
156	3/5/24	92	Trackwalk	3/13/24	24.00	NA	NA	NA							
180	3/5/24	47	Trackwalk	3/13/24	18.00	NA	NA	NA							
179	3/5/24	39	Trackwalk	3/13/24	23.00	NA	NA	NA							
178	3/5/24	56	Trackwalk	3/13/24	24.00	NA	NA	NA							
172	3/5/24	74	Trackwalk	3/13/24	22.00	NA	NA	NA							
157	3/5/24	82	Trackwalk	3/13/24	20.00	NA	NA	NA							
158	3/5/24	35	Trackwalk	3/13/24	23.00	NA	NA	NA							
184	3/5/24	63	Trackwalk	3/13/24	21.00	NA	NA	NA							
187	3/5/24	29	Trackwalk	3/13/24	23.00	NA	NA	NA							
169	3/5/24	174	Trackwalk	3/13/24	21.00	NA	NA	NA							
170	3/5/24	51	Trackwalk	3/13/24	19.00	NA	NA	NA							
156	3/20/24	128	Trackwalk	3/26/24	6.79	NA	NA	NA							
158	3/20/24	53	Trackwalk	3/26/24	4.35	NA	NA	NA							
184	3/20/24	48	Unstable surface, health and safety	4/2/24	9.70	NA	NA	NA							
203	3/20/24	50	Unstable surface, health and safety	4/2/24	19.80	NA	NA	NA							
204	3/20/24	29	Unstable surface, health and safety	4/2/24	23.19	NA	NA	NA							
152	3/20/24	34	Trackwalk	3/26/24	10.42	NA	NA	NA							
151	4/3/24	31	Trackwalk	4/10/24	17.00	NA	NA	NA							
156	4/3/24	70	Trackwalk	4/10/24	24.00	NA	NA	NA							
179	4/3/24	52	Trackwalk	4/10/24	22.00	NA	NA	NA							
177	4/3/24	97	Trackwalk	4/10/24	22.00	NA	NA	NA							
176	4/3/24	73	Trackwalk	4/10/24	21.00	NA	NA	NA							
184	4/3/24	46	Trackwalk	4/10/24	17.00	NA	NA	NA							
187	4/3/24	35	Trackwalk	4/10/24	20.00	NA	NA	NA							
168	4/3/24	25	Trackwalk	4/10/24	22.00	NA	NA	NA							
169	4/3/24	28	Trackwalk	4/10/24	19.00	NA	NA	NA							
206	4/3/24	36	Trackwalk	4/10/24	22.00	NA	NA	NA							
202	4/3/24	41	Trackwalk	4/10/24	18.00	NA	NA	NA							
175	4/3/24	28	Trackwalk	4/10/24	15.00	NA	NA	NA							
165	4/3/24	39	Trackwalk	4/10/24	17.00	NA	NA	NA							
160	4/3/24	42	Trackwalk	4/10/24	20.00	NA	NA	NA							
156	4/17/24	497	Trackwalk	4/24/24	19.00	NA	NA	NA							
172	4/17/24	209	Trackwalk	4/24/24	21.00	NA	NA	NA							
174	4/17/24	64	Trackwalk	4/24/24	23.00	NA	NA	NA							
158	4/17/24	59	Trackwalk	4/24/24	21.00	NA	NA	NA							
202	4/17/24	71	Trackwalk	4/24/24	22.00	NA	NA	NA							
184	4/17/24	48	Trackwalk	4/24/24	21.00	NA	NA	NA							
176	5/1/24	50	Trackwalk	5/8/24	22.00	NA	NA	NA							
169	5/1/24	70	Trackwalk	5/8/24	19.00	NA	NA	NA							
173	5/1/24	53	Trackwalk	5/8/24	15.00	NA	NA	NA							
156	5/1/24	62	Trackwalk	5/8/24	23.00	NA	NA	NA							
177	5/1/24	65	Trackwalk	5/8/24	22.00	NA	NA	NA							
156	5/15/24	125	Trackwalk	5/22/24	21.00	NA	NA	NA							
158	5/15/24	117	Trackwalk	5/22/24	23.00	NA	NA	NA							
176	5/15/24	53	Trackwalk	5/22/24	19.00	NA	NA	NA							
170	5/15/24	42	Trackwalk	5/22/24	14.00	NA	NA	NA							
174	5/15/24	50	Trackwalk	5/22/24	20.00	NA	NA	NA							
179	5/15/24	47	Trackwalk	5/22/24	22.00	NA	NA	NA							
177	5/29/24	52	Trackwalk	6/6/24	19.89	NA	NA	NA							
172	5/29/24	79	Trackwalk	6/6/24	20.18	NA	NA	NA							
157	5/29/24	44	Trackwalk	6/6/24	24.19	NA	NA	NA							
156	5/29/24	33	Trackwalk	6/6/24	22.36	NA	NA	NA							
169	5/29/24	38	Trackwalk	6/6/24	23.41	NA	NA	NA							
148	5/29/24	29	Trackwalk	6/6/24	21.50	NA	NA	NA							
156	6/13/24	49	Trackwalk	6/20/24	24.29	NA	NA	NA							
157	6/13/24	34	Trackwalk	6/20/24	20.75	NA	NA	NA							
156	6/17/24	60	Trackwalk	6/26/24	566.00	Trackwalk	7/2/2024	24.50							
177	6/17/24	88	White ground cover/Construction	7/17/24	13.00	NA	NA	NA							
170	6/17/24	48	White ground cover/Construction	7/17/24	17.00	NA	NA	NA							
167	6/17/24	37	Trackwalk	6/26/24	47.00	Trackwalk	7/2/2024	18.56							
157	6/17/24	42	Trackwalk	6/26/24	44.00	Trackwalk	7/2/2024	14.49							
152	6/17/24	59	Trackwalk	6/26/24	75.00	Trackwalk	7/2/2024	15.62							
155	6/26/24	38	Trackwalk	7/2/24	22.24	NA	NA	NA							
156	6/26/24	566	Trackwalk	7/2/24	24.50	NA	NA	NA							
166	6/26/24	35	Trackwalk	7/2/24	18.92	NA	NA	NA							
154	6/26/24	53	Trackwalk	7/2/24	23.45	NA	NA	NA							
153	6/26/24	81	Trackwalk	7/2/24	24.70	NA	NA	NA							
167	6/26/24	47	Trackwalk	7/2/24	18.56	NA	NA	NA							
152	6/26/24	75	Trackwalk	7/2/24	15.67	NA	NA	NA							
157	6/26/24	44	Trackwalk	7/2/24	14.49	NA	NA	NA							
165	6/26/24	460	Trackwalk	7/2/24	16.52	NA	NA	NA							
158	7/10/24	95	Trackwalk	7/16/24	22.00	NA	NA	NA							
167	7/10/24	174	Trackwalk	7/16/24	19.00	NA	NA	NA							
166	7/10/24	37	Trackwalk	7/16/24	24.00	NA	NA	NA							
165	7/10/24	41	Trackwalk	7/16/24	21.00	NA	NA	NA							
150	7/17/24	34	Well Activation and Flow Increase	7/25/24	4.64	NA	NA	NA							
156	7/17/24	38	Well Activation and Flow Increase	7/25/24	21.02	NA	NA	NA							
53	7/17/24	28	Trackwalk	7/25/24	15.23	NA	NA	NA							
148	7/23/24	37	Trackwalk	8/2/24	14.38	NA	NA	NA							
77	7/23/24	38	Well Activation and Flow Increase	8/2/24	12.50	NA	NA	NA							
145	7/23/24	41	Well Activation and Flow Increase	8/2/24	24.32	NA	NA	NA							
53	7/23/24	35	Trackwalk	8/2/24	15.34	NA	NA	NA							
83	7/23/24	50	Trackwalk	8/2/24	15.20	NA	NA	NA							
81	7/23/24	40	Trackwalk	8/2/24	24.30	NA	NA	NA							
171	7/23/24	65	Well Activation and Flow Increase	8/2/24	23.14	NA	NA	NA							
165	7/23/24	87	Trackwalk	8/2/24	2.23	NA	NA	NA							
159	7/23/24	30	Trackwalk	8/2/24	18.57	NA	NA	NA							
191	8/7/24	25													
157	8/7/24	40													
174	8/7/24	38													
166	8/7/24	29													
90	8/7/24	28													
179	8/7/24	80													
178	8/7/24	25													
164	8/7/24	36													
163	8/7/24	38													
76	8/7/24	38													
151	8/7/24	40													
50	8/8/24	28													
85	8/8/24	35													
84	8/8/24	57													
91	8/8/24	25													
92	8/8/24	66													

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
Instantaneous (Monthly)															
181/Y21	1/4/24	2,346	Moisture Condition, Soil/Dirt Compaction	1/12/24	94.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	300.00				
182/Y22	1/4/24	1,253	Moisture Condition, Soil/Dirt Compaction	1/12/24	133.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	450.00				
189/Y23	1/4/24	5,219	Moisture Condition, Soil/Dirt Compaction	1/12/24	183.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	339.00				
175/Y71	1/4/24	600	Moisture Condition, Soil/Dirt Compaction	1/12/24	77.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	65.00				
174/Y72	1/4/24	700	Moisture Condition, Soil/Dirt Compaction	1/12/24	137.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	229.00				
178/Y51	1/4/24	2,200	Moisture Condition, Soil/Dirt Compaction	1/12/24	491.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	20.00				
176/Y31	1/4/24	1,000	Moisture Condition, Soil/Dirt Compaction	1/12/24	103.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	428.00				
176/Y32	1/4/24	1,500	Moisture Condition, Soil/Dirt Compaction	1/12/24	195.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	101.00				
176/Y33	1/4/24	1,200	Moisture Condition, Soil/Dirt Compaction	1/12/24	78.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	105.00				
180/Y34	1/4/24	1,100	Moisture Condition, Soil/Dirt Compaction	1/12/24	264.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	423.00				
183/Y35	1/4/24	900	Moisture Condition, Soil/Dirt Compaction	1/12/24	153.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	401.00				
183/Y36	1/4/24	800	Moisture Condition, Soil/Dirt Compaction	1/12/24	97.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	15.00				
187/Y41	1/4/24	900	Moisture Condition, Soil/Dirt Compaction	1/12/24	219.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/29/24	400.00				
171/Y41	1/17/24	1,200	Moisture Condition, Soil/Dirt Compaction	1/24/24	86.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	67.00				
171/Y42	1/17/24	3,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	140.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	162.00				
179/Y43	1/17/24	1,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	210.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	173.00				
179/Y44	1/17/24	3,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	96.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	455.00				
184/Y45	1/17/24	3,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	58.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	212.00				
184/Y46	1/17/24	2,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	79.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	371.00				
183/Y31	1/17/24	2,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	28.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	266.00				
183/Y32	1/17/24	4,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	74.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	309.00				
180/Y33	1/17/24	5,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	103.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	188.00				
180/Y34	1/17/24	3,500	Moisture Condition, Soil/Dirt Compaction	1/24/24	206.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	77.00				
176/Y35	1/17/24	3,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	209.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	407.00				
176/Y36	1/17/24	6,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	384.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	363.00				
173/Y37	1/17/24	700	Moisture Condition, Soil/Dirt Compaction	1/24/24	56.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	80.00				
169/Y38	1/17/24	800	Moisture Condition, Soil/Dirt Compaction	1/24/24	44.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	119.00				
152/Y61	1/17/24	1,720	Moisture Condition, Soil/Dirt Compaction	1/24/24	96.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	310.00				
152/Y62	1/17/24	872	Moisture Condition, Soil/Dirt Compaction	1/24/24	131.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	144.00				
153/Y63	1/17/24	2,238	Moisture Condition, Soil/Dirt Compaction	1/24/24	70.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	70.00				
154/Y64	1/17/24	3,064	Moisture Condition, Soil/Dirt Compaction	1/24/24	156.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	358.00				
206/Y1	1/17/24	1,800	Moisture Condition, Soil/Dirt Compaction	1/24/24	214.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	377.00				
206/Y2	1/17/24	1,276	Moisture Condition, Soil/Dirt Compaction	1/24/24	111.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	102.00				
207/Y3	1/17/24	1,300	Moisture Condition, Soil/Dirt Compaction	1/24/24	128.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	249.00				
207/Y4	1/17/24	500	Moisture Condition, Soil/Dirt Compaction	1/24/24	74.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	228.00				
207/Y5	1/17/24	500	Moisture Condition, Soil/Dirt Compaction	1/24/24	130.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	46.00				
185/Y51	1/17/24	735	Moisture Condition, Soil/Dirt Compaction	1/24/24	171.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	200.00				
178/Y52	1/17/24	531	Moisture Condition, Soil/Dirt Compaction	1/24/24	310.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	403.00				
155/Y53	1/17/24	510	Moisture Condition, Soil/Dirt Compaction	1/24/24	211.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	199.00				
201/Y11	1/17/24	2,000	Moisture Condition, Soil/Dirt Compaction	1/24/24	146.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	141.00				
202/Y12	1/17/24	2,500	Moisture Condition, Soil/Dirt Compaction	1/24/24	81.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	320.00				
202/Y13	1/17/24	1,500	Moisture Condition, Soil/Dirt Compaction	1/24/24	76.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	160.00				
202/Y14	1/17/24	1,700	Moisture Condition, Soil/Dirt Compaction	1/24/24	124.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	225.00				
203/Y15	1/17/24	1,800	Moisture Condition, Soil/Dirt Compaction	1/24/24	38.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	303.00				
204/Y16	1/17/24	1,600	Moisture Condition, Soil/Dirt Compaction	1/24/24	58.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/13/24	292.00				
183/Y1	1/31/24	800	Moisture Condition, Soil/Dirt Compaction	2/9/24	149.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	216.00				
183/Y2	1/31/24	900	Moisture Condition, Soil/Dirt Compaction	2/9/24	64.70	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	49.00				
180/Y3	1/31/24	1,200	Moisture Condition, Soil/Dirt Compaction	2/9/24	350.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	37.00				
176/Y4	1/31/24	1,500	Moisture Condition, Soil/Dirt Compaction	2/9/24	87.48	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	104.00				
176/Y5	1/31/24	1,200	Moisture Condition, Soil/Dirt Compaction	2/9/24	89.70	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	86.00				
176/Y6	1/31/24	1,300	Moisture Condition, Soil/Dirt Compaction	2/9/24	67.56	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	92.00				
170/Y7	1/31/24	1,100	Moisture Condition, Soil/Dirt Compaction	2/9/24	425.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	71.00				
150/Y31	1/31/24	500	Moisture Condition, Soil/Dirt Compaction	2/9/24	210.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	135.00				
150/Y32	1/31/24	8,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	175.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	217.00				
150/Y33	1/31/24	7,500	Moisture Condition, Soil/Dirt Compaction	2/9/24	18.15	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	200.00				
150/Y34	1/31/24	6,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	375.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	197.00				
151/Y35	1/31/24	3,500	Moisture Condition, Soil/Dirt Compaction	2/9/24	70.71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	208.00				
151/Y36	1/31/24	1,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	42.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	164.00				
152/Y37	1/31/24	2,500	Moisture Condition, Soil/Dirt Compaction	2/9/24	243.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	90.00				
152/Y38	1/31/24	500	Moisture Condition, Soil/Dirt Compaction	2/9/24	125.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	107.00				
185/Y21	1/31/24	600	Moisture Condition, Soil/Dirt Compaction	2/9/24	75.40	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	137.00				
185/Y22	1/31/24	3,600	Moisture Condition, Soil/Dirt Compaction	2/9/24	35.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	104.00				
178/Y23	1/31/24	800	Moisture Condition, Soil/Dirt Compaction	2/9/24	61.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	113.00				
156/Y24	1/31/24	1,356	Moisture Condition, Soil/Dirt Compaction	2/9/24	102.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	111.00				
156/Y25	1/31/24	1,100	Moisture Condition, Soil/Dirt Compaction	2/9/24	81.18	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	127.00				
157/Y26	1/31/24	700	Moisture Condition, Soil/Dirt Compaction	2/9/24	145.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	87.00				
158/Y27	1/31/24	1,200	Moisture Condition, Soil/Dirt Compaction	2/9/24	207.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	52.00				
158/Y28	1/31/24	2,345	Moisture Condition, Soil/Dirt Compaction	2/9/24	171.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	201.00				
158/Y29	1/31/24	3,623	Moisture Condition, Soil/Dirt Compaction	2/9/24	63.34	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	146.00				
158/Y30	1/31/24	700	Moisture Condition, Soil/Dirt Compaction	2/9/24	51.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	87.00				
178/Y11	1/31/24	1,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	35.37	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	138.00				
90/Y61	1/31/24	3,094	Moisture Condition, Soil/Dirt Compaction	2/9/24	153.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	148.00				
155/Y62	1/31/24	2,176	Moisture Condition, Soil/Dirt Compaction	2/9/24	372.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	99.00				

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
83/Y63	1/31/24	4,179	Moisture Condition, Soil/Dirt Compaction	2/9/24	321.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	173.00				
83/Y64	1/31/24	7,763	Moisture Condition, Soil/Dirt Compaction	2/9/24	221.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	140.00				
187/Y52	1/31/24	512	Moisture Condition, Soil/Dirt Compaction	2/9/24	118.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	120.00				
186/Y53	1/31/24	513	Moisture Condition, Soil/Dirt Compaction	2/9/24	191.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	125.00				
192/Y54	1/31/24	510	Moisture Condition, Soil/Dirt Compaction	2/9/24	297.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	79.00				
166/Y41	1/31/24	1,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	99.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	84.00				
166/Y42	1/31/24	2,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	325.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	189.00				
166/Y43	1/31/24	3,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	175.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	201.00				
159/Y44	1/31/24	4,000	Moisture Condition, Soil/Dirt Compaction	2/9/24	207.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/24/24	143.00				
203/Y31	2/14/24	5,640	Moisture Condition, Soil/Dirt Compaction	2/22/24	407.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	57.41				
204/Y32	2/14/24	7,200	Moisture Condition, Soil/Dirt Compaction	2/22/24	311.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	11.12				
174/Y33	2/14/24	2,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	359.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	33.91				
183/Y10	2/14/24	535	Moisture Condition, Soil/Dirt Compaction	2/22/24	214.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	4.67				
180/Y11	2/14/24	580	Moisture Condition, Soil/Dirt Compaction	2/22/24	201.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	3.48				
176/Y12	2/14/24	625	Moisture Condition, Soil/Dirt Compaction	2/22/24	360.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	4.09				
173/Y13	2/14/24	510	Moisture Condition, Soil/Dirt Compaction	2/22/24	72.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	43.26				
184/Y1	2/14/24	2,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	490.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	113.00				
187/Y2	2/14/24	10,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	456.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	124.00				
187/Y3	2/14/24	600	Moisture Condition, Soil/Dirt Compaction	2/22/24	111.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	121.00				
184/Y4	2/14/24	600	Moisture Condition, Soil/Dirt Compaction	2/22/24	217.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	11.43				
184/Y5	2/14/24	5,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	317.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	340.00				
179/Y6	2/14/24	3,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	485.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	3.84				
179/Y7	2/14/24	4,600	Moisture Condition, Soil/Dirt Compaction	2/22/24	480.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	229.00				
154/Y51	2/14/24	2,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	370.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	316.00				
155/Y52	2/14/24	2,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	396.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	204.00				
152/Y53	2/14/24	800	Moisture Condition, Soil/Dirt Compaction	2/22/24	237.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	79.17				
170/Y71	2/14/24	1,198	Moisture Condition, Soil/Dirt Compaction	2/22/24	415.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	67.98				
171/Y72	2/14/24	2,077	Moisture Condition, Soil/Dirt Compaction	2/22/24	468.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	16.34				
172/Y73	2/14/24	564	Moisture Condition, Soil/Dirt Compaction	2/22/24	196.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	37.41				
173/Y74	2/14/24	1,149	Moisture Condition, Soil/Dirt Compaction	2/22/24	409.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	83.01				
176/Y75	2/14/24	1,329	Moisture Condition, Soil/Dirt Compaction	2/22/24	477.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	57.60				
158/Y61	2/14/24	900	Moisture Condition, Soil/Dirt Compaction	2/22/24	381.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	123.00				
158/Y62	2/14/24	700	Moisture Condition, Soil/Dirt Compaction	2/22/24	264.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	136.00				
169/Y63	2/14/24	4,000	Moisture Condition, Soil/Dirt Compaction	2/22/24	344.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	148.00				
146/Y41	2/14/24	500	Moisture Condition, Soil/Dirt Compaction	2/22/24	190.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	206.00				
146/Y42	2/14/24	2,200	Moisture Condition, Soil/Dirt Compaction	2/22/24	377.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	334.00				
147/Y43	2/14/24	500	Moisture Condition, Soil/Dirt Compaction	2/22/24	288.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	419.00				
147/Y44	2/14/24	3,400	Moisture Condition, Soil/Dirt Compaction	2/22/24	471.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	104.00				
147/Y45	2/14/24	500	Moisture Condition, Soil/Dirt Compaction	2/22/24	92.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	191.00				
148/Y46	2/14/24	900	Moisture Condition, Soil/Dirt Compaction	2/22/24	330.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	17.64				
149/Y47	2/14/24	500	Moisture Condition, Soil/Dirt Compaction	2/22/24	144.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	26.78				
149/Y48	2/14/24	2,300	Moisture Condition, Soil/Dirt Compaction	2/22/24	460.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	219.00				
149/Y49	2/14/24	4,890	Moisture Condition, Soil/Dirt Compaction	2/22/24	368.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	400.00				
149/Y50	2/14/24	4,200	Moisture Condition, Soil/Dirt Compaction	2/22/24	277.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/12/24	38.69				
174/Y11	2/28/24	500	Moisture Condition, Soil/Dirt Compaction	3/7/24	281.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	304.00				
174/Y12	2/28/24	600	Moisture Condition, Soil/Dirt Compaction	3/7/24	117.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	99.63				
174/Y13	2/28/24	4,500	Moisture Condition, Soil/Dirt Compaction	3/7/24	396.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	401.00				
175/Y14	2/28/24	1,600	Moisture Condition, Soil/Dirt Compaction	3/7/24	410.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	412.00				
175/Y15	2/28/24	9,500	Moisture Condition, Soil/Dirt Compaction	3/7/24	374.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	396.00				
181/Y16	2/28/24	3,700	Moisture Condition, Soil/Dirt Compaction	3/7/24	250.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	225.00				
181/Y17	2/28/24	900	Moisture Condition, Soil/Dirt Compaction	3/7/24	179.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	109.00				
181/Y18	2/28/24	3,200	Moisture Condition, Soil/Dirt Compaction	3/7/24	388.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	321.00				
182/Y19	2/28/24	500	Moisture Condition, Soil/Dirt Compaction	3/7/24	200.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	79.64				
182/Y20	2/28/24	1,300	Moisture Condition, Soil/Dirt Compaction	3/7/24	244.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	80.42				
159/Y51	2/28/24	2,760	Moisture Condition, Soil/Dirt Compaction	3/7/24	464.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	402.00				
159/Y52	2/28/24	1,451	Moisture Condition, Soil/Dirt Compaction	3/7/24	369.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	310.00				
158/Y53	2/28/24	2,276	Moisture Condition, Soil/Dirt Compaction	3/7/24	382.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	371.00				
158/Y54	2/28/24	832	Moisture Condition, Soil/Dirt Compaction	3/7/24	91.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	61.34				
157/Y55	2/28/24	7,460	Moisture Condition, Soil/Dirt Compaction	3/7/24	194.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	104.00				
156/Y56	2/28/24	895	Moisture Condition, Soil/Dirt Compaction	3/7/24	130.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	122.00				
179/Y32	2/28/24	1,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	278.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	225.00				
184/Y31	2/28/24	700	Moisture Condition, Soil/Dirt Compaction	3/7/24	368.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	310.00				

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
180/Y33	2/28/24	1,200	Moisture Condition, Soil/Dirt Compaction	3/7/24	292.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	211.00				
183/Y34	2/28/24	1,500	Moisture Condition, Soil/Dirt Compaction	3/7/24	330.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	300.00				
183/Y35	2/28/24	2,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	343.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	296.00				
170/Y21	2/28/24	2,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	227.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	231.00				
170/Y22	2/28/24	3,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	396.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	321.00				
167/Y23	2/28/24	600	Moisture Condition, Soil/Dirt Compaction	3/7/24	141.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	221.00				
167/Y24	2/28/24	3,500	Moisture Condition, Soil/Dirt Compaction	3/7/24	311.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	276.00				
168/Y25	2/28/24	7,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	469.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	421.00				
168/Y26	2/28/24	1,300	Moisture Condition, Soil/Dirt Compaction	3/7/24	388.00	NA	NA	NA	Postponed due to health and safety plan. Moisture Condition, Soil/Dirt Compaction	4/2/24	416.00				
150/Y41	2/28/24	2,500	Moisture Condition, Soil/Dirt Compaction	3/7/24	216.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	219.00				
152/Y42	2/28/24	3,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	360.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	310.00				
152/Y43	2/28/24	1,500	Moisture Condition, Soil/Dirt Compaction	3/7/24	240.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	206.00				
152/Y44	2/28/24	700	Moisture Condition, Soil/Dirt Compaction	3/7/24	84.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	101.00				
152/Y45	2/28/24	2,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	402.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	226.00				
153/Y46	2/28/24	2,000	Moisture Condition, Soil/Dirt Compaction	3/7/24	324.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	310.00				
154/Y47	2/28/24	1,500	Moisture Condition, Soil/Dirt Compaction	3/7/24	321.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	3/26/24	351.00				
150/Y41	3/13/24	1,344	Moisture Condition, Soil/Dirt Compaction	3/20/24	384.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	37.50				
152/Y42	3/13/24	1,072	Moisture Condition, Soil/Dirt Compaction	3/20/24	291.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	50.17				
152/Y43	3/13/24	943	Moisture Condition, Soil/Dirt Compaction	3/20/24	176.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	37.19				
202/Y1	3/13/24	3,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	311.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	25.30				
203/Y2	3/13/24	750	Moisture Condition, Soil/Dirt Compaction	3/20/24	281.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	112.00				
204/Y3	3/13/24	1,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	170.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	216.00				
167/Y11	3/13/24	1,120	Moisture Condition, Soil/Dirt Compaction	3/20/24	89.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	69.70				
170/Y12	3/13/24	9,230	Moisture Condition, Soil/Dirt Compaction	3/20/24	79.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	37.17				
176/Y13	3/13/24	8,156	Moisture Condition, Soil/Dirt Compaction	3/20/24	150.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	230.00				
176/Y14	3/13/24	8,346	Moisture Condition, Soil/Dirt Compaction	3/20/24	137.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	106.00				
186/Y21	3/13/24	2,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	286.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	204.00				
186/Y22	3/13/24	700	Moisture Condition, Soil/Dirt Compaction	3/20/24	316.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	131.00				
186/Y23	3/13/24	1,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	122.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	25.21				
184/Y24	3/13/24	2,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	176.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	52.70				
184/Y25	3/13/24	2,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	214.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	91.35				
184/Y26	3/13/24	1,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	371.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	36.21				
172/Y27	3/13/24	3,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	110.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	25.81				
185/Y31	3/13/24	10,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	167.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	35.75				
156/Y32	3/13/24	700	Moisture Condition, Soil/Dirt Compaction	3/20/24	274.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	13.50				
157/Y33	3/13/24	600	Moisture Condition, Soil/Dirt Compaction	3/20/24	129.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	37.17				
157/Y34	3/13/24	500	Moisture Condition, Soil/Dirt Compaction	3/20/24	58.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	41.51				
158/Y35	3/13/24	7,000	Moisture Condition, Soil/Dirt Compaction	3/20/24	401.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/12/24	30.20				
98/Y31	3/26/24	4,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	234.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	210.00				
95/Y11	3/26/24	10,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	479.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	406.00				
234/Y1	3/26/24	500	Moisture Condition, Soil/Dirt Compaction	4/3/24	83.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	101.00				
237/Y2	3/26/24	600	Moisture Condition, Soil/Dirt Compaction	4/3/24	40.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	98.00				
249/Y3	3/26/24	2,800	Moisture Condition, Soil/Dirt Compaction	4/3/24	481.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	221.00				
249/Y4	3/26/24	3,623	Moisture Condition, Soil/Dirt Compaction	4/3/24	399.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	206.00				
171/Y11	3/27/24	1,350	Moisture Condition, Soil/Dirt Compaction	4/3/24	142.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	98.00				
156/Y1	3/27/24	900	Moisture Condition, Soil/Dirt Compaction	4/3/24	137.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	201.00				
156/Y2	3/27/24	3,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	248.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	396.00				
178/Y3	3/27/24	4,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	110.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	210.00				
166/Y21	3/27/24	750	Moisture Condition, Soil/Dirt Compaction	4/3/24	146.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	101.00				
166/Y22	3/27/24	5,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	152.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	216.00				
166/Y23	3/27/24	30,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	437.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	405.00				
165/Y24	3/27/24	3,400	Moisture Condition, Soil/Dirt Compaction	4/3/24	231.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	121.00				
165/Y25	3/27/24	4,500	Moisture Condition, Soil/Dirt Compaction	4/3/24	411.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	196.00				
165/Y26	3/27/24	6,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	234.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	210.00				
152/Y31	3/27/24	1,755	Moisture Condition, Soil/Dirt Compaction	4/3/24	361.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	79.00				
152/Y32	3/27/24	641	Moisture Condition, Soil/Dirt Compaction	4/3/24	345.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	42.00				
159/Y41	3/27/24	700	Moisture Condition, Soil/Dirt Compaction	4/3/24	137.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	68.00				
159/Y42	3/27/24	10,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	241.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	400.00				
154/Y43	3/27/24	800	Moisture Condition, Soil/Dirt Compaction	4/3/24	96.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	310.00				
159/Y44	3/27/24	10,000	Moisture Condition, Soil/Dirt Compaction	4/3/24	396.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	222.00				
149/Y51	3/27/24	635	Moisture Condition, Soil/Dirt Compaction	4/3/24	84.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/22/24	310.00				
166/Y31	4/10/24	900	Moisture Condition, Soil/Dirt Compaction	4/19/24	55.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	75.21				
166/Y32	4/10/24	700	Moisture Condition, Soil/Dirt Compaction	4/19/24	152.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	31.10				
166/Y33	4/10/24	1,500	Moisture Condition, Soil/Dirt Compaction	4/19/24	444.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	375.00				
166/Y34	4/10/24	1,200	Moisture Condition, Soil/Dirt Compaction	4/19/24	476.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	17.72				
172/Y35	4/10/24	1,400	Moisture Condition, Soil/Dirt Compaction	4/19/24	25.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	57.21				
172/Y36	4/10/24	600	Moisture Condition, Soil/Dirt Compaction	4/19/24	480.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	29.14				
184/Y37	4/10/24	1,000	Moisture Condition, Soil/Dirt Compaction	4/19/24	320.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	275.00				

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
156/Y41	4/10/24	800	Moisture Condition, Soil/Dirt Compaction	4/19/24	69.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	331.00				
158/Y42	4/10/24	4,000	Moisture Condition, Soil/Dirt Compaction	4/19/24	468.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	90.21				
159/Y43	4/10/24	4,000	Moisture Condition, Soil/Dirt Compaction	4/19/24	491.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	192.00				
185/Y44	4/10/24	2,000	Moisture Condition, Soil/Dirt Compaction	4/19/24	352.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	17.42				
170/Y21	4/10/24	8,498	Moisture Condition, Soil/Dirt Compaction	4/19/24	10.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	22.56				
176/Y22	4/10/24	1,564	Moisture Condition, Soil/Dirt Compaction	4/19/24	495.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	23.40				
177/Y23	4/10/24	1,668	Moisture Condition, Soil/Dirt Compaction	4/19/24	288.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	29.87				
177/Y24	4/10/24	3,737	Moisture Condition, Soil/Dirt Compaction	4/19/24	499.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	375.00				
175/Y1	4/10/24	635	Moisture Condition, Soil/Dirt Compaction	4/19/24	25.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	33.21				
174/Y2	4/10/24	520	Moisture Condition, Soil/Dirt Compaction	4/19/24	39.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	44.51				
169/Y3	4/10/24	525	Moisture Condition, Soil/Dirt Compaction	4/19/24	391.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	252.00				
202/Y11	4/10/24	730	Moisture Condition, Soil/Dirt Compaction	4/19/24	229.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	27.50				
206/Y12	4/10/24	1,100	Moisture Condition, Soil/Dirt Compaction	4/19/24	373.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	49.58				
150/Y51	4/10/24	3,742	Moisture Condition, Soil/Dirt Compaction	4/19/24	11.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	35.24				
150/Y52	4/10/24	1,375	Moisture Condition, Soil/Dirt Compaction	4/19/24	73.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	3.01				
150/Y53	4/10/24	3,725	Moisture Condition, Soil/Dirt Compaction	4/19/24	22.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	17.25				
150/Y54	4/10/24	1,841	Moisture Condition, Soil/Dirt Compaction	4/19/24	497.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	23.81				
152/Y55	4/10/24	1,327	Moisture Condition, Soil/Dirt Compaction	4/19/24	75.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	24.75				
152/Y56	4/10/24	1,456	Moisture Condition, Soil/Dirt Compaction	4/19/24	169.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	121.00				
154/Y57	4/10/24	500	Moisture Condition, Soil/Dirt Compaction	4/19/24	25.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	81.50				
154/Y58	4/10/24	4,723	Moisture Condition, Soil/Dirt Compaction	4/19/24	483.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	67.57				
155/Y59	4/10/24	1,723	Moisture Condition, Soil/Dirt Compaction	4/19/24	308.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/6/24	198.00				
206/Y1	4/24/24	4,000	Moisture Condition, Soil/Dirt Compaction	5/1/24	384.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	373.00				
202/Y2	4/24/24	4,000	Moisture Condition, Soil/Dirt Compaction	5/1/24	252.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	429.00				
184/Y11	4/24/24	900	Moisture Condition, Soil/Dirt Compaction	5/1/24	196.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	12.00				
187/Y12	4/24/24	1,200	Moisture Condition, Soil/Dirt Compaction	5/1/24	324.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	31.00				
179/Y13	4/24/24	800	Moisture Condition, Soil/Dirt Compaction	5/1/24	421.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	56.00				
177/Y14	4/24/24	850	Moisture Condition, Soil/Dirt Compaction	5/1/24	336.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	23.00				
172/Y15	4/24/24	500	Moisture Condition, Soil/Dirt Compaction	5/1/24	281.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	103.00				
177/Y16	4/24/24	700	Moisture Condition, Soil/Dirt Compaction	5/1/24	174.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	156.00				
165/Y21	4/24/24	4,189	Moisture Condition, Soil/Dirt Compaction	5/1/24	207.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	441.00				
165/Y22	4/24/24	1,627	Moisture Condition, Soil/Dirt Compaction	5/1/24	374.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	306.00				
173/Y23	4/24/24	7,897	Moisture Condition, Soil/Dirt Compaction	5/1/24	436.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	377.00				
145/Y51	4/24/24	560	Moisture Condition, Soil/Dirt Compaction	5/1/24	324.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	31.00				
146/Y52	4/24/24	550	Moisture Condition, Soil/Dirt Compaction	5/1/24	281.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	156.00				
147/Y53	4/24/24	535	Moisture Condition, Soil/Dirt Compaction	5/1/24	307.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	12.00				
149/Y55	4/24/24	630	Moisture Condition, Soil/Dirt Compaction	5/1/24	209.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	69.00				
154/Y56	4/24/24	777	Moisture Condition, Soil/Dirt Compaction	5/1/24	413.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	91.00				
178/Y41	4/24/24	780	Moisture Condition, Soil/Dirt Compaction	5/1/24	183.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	139.00				
156/Y42	4/24/24	950	Moisture Condition, Soil/Dirt Compaction	5/1/24	96.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	20.00				
158/Y43	4/24/24	5,400	Moisture Condition, Soil/Dirt Compaction	5/1/24	229.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	412.00				
155/Y44	4/24/24	640	Moisture Condition, Soil/Dirt Compaction	5/1/24	132.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	73.00				
175/Y31	4/24/24	500	Moisture Condition, Soil/Dirt Compaction	5/1/24	102.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	234.00				
175/Y32	4/24/24	700	Moisture Condition, Soil/Dirt Compaction	5/1/24	84.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	183.00				
175/Y33	4/24/24	9,231	Moisture Condition, Soil/Dirt Compaction	5/1/24	149.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	497.00				
174/Y34	4/24/24	795	Moisture Condition, Soil/Dirt Compaction	5/1/24	198.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	38.00				
174/Y35	4/24/24	723	Moisture Condition, Soil/Dirt Compaction	5/1/24	216.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	302.00				
204/Y36	4/24/24	3,200	Moisture Condition, Soil/Dirt Compaction	5/1/24	302.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	399.00				
205/Y37	4/24/24	523	Moisture Condition, Soil/Dirt Compaction	5/1/24	96.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/20/24	112.00				
152/Y51	5/8/24	620	Moisture Condition, Soil/Dirt Compaction	5/16/24	27.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	87.57				
158/Y54	5/8/24	624	Moisture Condition, Soil/Dirt Compaction	5/16/24	32.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	37.04				
153/Y55	5/8/24	720	Moisture Condition, Soil/Dirt Compaction	5/16/24	7.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	42.74				
159/Y61	5/8/24	745	Moisture Condition, Soil/Dirt Compaction	5/16/24	328.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	116.00				
154/Y62	5/8/24	2,100	Moisture Condition, Soil/Dirt Compaction	5/16/24	491.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	53.74				
157/Y41	5/8/24	971	Moisture Condition, Soil/Dirt Compaction	5/16/24	23.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	76.54				
76/Y42	5/8/24	955	Moisture Condition, Soil/Dirt Compaction	5/16/24	56.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	151.00				
168/Y11	5/8/24	515	Moisture Condition, Soil/Dirt Compaction	5/16/24	459.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	66.34				
174/Y12	5/8/24	1,800	Moisture Condition, Soil/Dirt Compaction	5/16/24	222.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	55.48				
175/Y13	5/8/24	1,732	Moisture Condition, Soil/Dirt Compaction	5/16/24	138.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	44.13				
175/Y14	5/8/24	713	Moisture Condition, Soil/Dirt Compaction	5/16/24	62.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	43.27				
175/Y15	5/8/24	9,563	Moisture Condition, Soil/Dirt Compaction	5/16/24	364.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	307.00				
176/Y16	5/8/24	500	Moisture Condition, Soil/Dirt Compaction	5/16/24	118.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	101.00				
176/Y17	5/8/24	2,375	Moisture Condition, Soil/Dirt Compaction	5/16/24	206.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	51.01				
208/Y1	5/8/24	3,540	Moisture Condition, Soil/Dirt Compaction	5/16/24	49.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	101.00				
204/Y2	5/8/24	1,497	Moisture Condition, Soil/Dirt Compaction	5/16/24	15.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	57.41				
203/Y31	5/8/24	1,452	Moisture Condition, Soil/Dirt Compaction	5/16/24	20.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	134.00				
202/Y4	5/8/24	3,410	Moisture Condition, Soil/Dirt Compaction	5/16/24	487.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	121.00				
201/Y5	5/8/24	1,789	Moisture Condition, Soil/Dirt Compaction	5/16/24	401.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	228.00				
165/Y21	5/8/24	700	Moisture Condition, Soil/Dirt Compaction	5/16/24	145.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	475.00				
165/Y22	5/8/24	900	Moisture Condition, Soil/Dirt Compaction	5/16/24	341.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	37.17				
170/Y23	5/8/24	1,200	Moisture Condition, Soil/Dirt Compaction	5/16/24	22.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	254.00				
184/Y31	5/8/24	5,000	Moisture Condition, Soil/Dirt Compaction	5/16/24	361.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	405.00				
177/Y32	5/8/24	4,000	Moisture Condition, Soil/Dirt Compaction	5/16/24	299.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	59.54				
177/Y33	5/8/24	4,000	Moisture Condition, Soil/Dirt Compaction	5/16/24	477.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	155.00				
172/Y34	5/8/24	900	Moisture Condition, Soil/Dirt Compaction	5/16/24	192.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	67.52				

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
166/Y35	5/8/24	5,000	Moisture Condition, Soil/Dirt Compaction	5/16/24	35.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/4/24	116.00				
156/Y21	5/22/24	650	Moisture Condition, Soil/Dirt Compaction	5/29/24	196.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	200.00				
178/Y1	5/22/24	3,209	Moisture Condition, Soil/Dirt Compaction	5/29/24	142.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	20.78				
178/Y2	5/22/24	2,058	Moisture Condition, Soil/Dirt Compaction	5/29/24	99.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	119.00				
178/Y3	5/22/24	747	Moisture Condition, Soil/Dirt Compaction	5/29/24	84.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	10.55				
179/Y4	5/22/24	1,279	Moisture Condition, Soil/Dirt Compaction	5/29/24	103.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	11.58				
184/Y5	5/22/24	8,088	Moisture Condition, Soil/Dirt Compaction	5/29/24	215.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	4.75				
175/Y11	5/22/24	520	Moisture Condition, Soil/Dirt Compaction	5/29/24	74.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	43.50				
152/Y13	5/22/24	680	Moisture Condition, Soil/Dirt Compaction	5/29/24	281.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	75.82				
173/Y51	5/22/24	2,000	Moisture Condition, Soil/Dirt Compaction	5/29/24	190.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	18.73				
167/Y52	5/22/24	3,000	Moisture Condition, Soil/Dirt Compaction	5/29/24	136.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	45.21				
202/Y31	5/22/24	1,500	Moisture Condition, Soil/Dirt Compaction	5/29/24	184.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	34.21				
202/Y32	5/22/24	1,000	Moisture Condition, Soil/Dirt Compaction	5/29/24	214.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	56.70				
204/Y33	5/22/24	800	Moisture Condition, Soil/Dirt Compaction	5/29/24	116.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	325.00				
134/Y41	5/22/24	3,951	Moisture Condition, Soil/Dirt Compaction	5/29/24	306.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	129.00				
169/Y42	5/22/24	2,402	Moisture Condition, Soil/Dirt Compaction	5/29/24	189.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	71.60				
168/Y43	5/22/24	3,089	Moisture Condition, Soil/Dirt Compaction	5/29/24	243.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/21/24	80.21				
173/Y11	6/5/24	530	Moisture Condition, Soil/Dirt Compaction	6/14/24	234.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	28.60				
208/Y6	6/5/24	635	Moisture Condition, Soil/Dirt Compaction	6/14/24	78.42	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	29.31				
155/Y7	6/5/24	555	Moisture Condition, Soil/Dirt Compaction	6/14/24	134.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	27.60				
185/Y21	6/5/24	972	Moisture Condition, Soil/Dirt Compaction	6/14/24	25.67	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.64				
178/Y22	6/5/24	1,490	Moisture Condition, Soil/Dirt Compaction	6/14/24	33.82	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.56				
178/Y23	6/5/24	4,640	Moisture Condition, Soil/Dirt Compaction	6/14/24	214.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	7.30				
178/Y24	6/5/24	3,009	Moisture Condition, Soil/Dirt Compaction	6/14/24	25.67	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	12.40				
151/Y25	6/5/24	1,371	Moisture Condition, Soil/Dirt Compaction	6/14/24	27.90	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.30				
151/Y26	6/5/24	5,665	Moisture Condition, Soil/Dirt Compaction	6/14/24	325.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	19.90				
156/Y27	6/5/24	3,438	Moisture Condition, Soil/Dirt Compaction	6/14/24	27.35	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.21				
157/Y28	6/5/24	1,017	Moisture Condition, Soil/Dirt Compaction	6/14/24	67.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	12.30				
152/Y29	6/5/24	9,091	Moisture Condition, Soil/Dirt Compaction	6/14/24	17.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	19.50				
158/Y30	6/5/24	3,450	Moisture Condition, Soil/Dirt Compaction	6/14/24	37.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.22				
153/Y51	6/5/24	2,013	Moisture Condition, Soil/Dirt Compaction	6/14/24	14.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	10.56				
153/Y52	6/5/24	2,153	Moisture Condition, Soil/Dirt Compaction	6/14/24	15.23	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.56				
153/Y53	6/5/24	500	Moisture Condition, Soil/Dirt Compaction	6/14/24	82.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	16.21				
165/Y54	6/5/24	4,523	Moisture Condition, Soil/Dirt Compaction	6/14/24	57.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	18.25				
165/Y55	6/5/24	900	Moisture Condition, Soil/Dirt Compaction	6/14/24	210.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	2.30				
166/Y56	6/5/24	500	Moisture Condition, Soil/Dirt Compaction	6/14/24	47.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.90				
171/Y57	6/5/24	2,012	Moisture Condition, Soil/Dirt Compaction	6/14/24	17.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.30				
172/Y58	6/5/24	1,723	Moisture Condition, Soil/Dirt Compaction	6/14/24	105.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	5.20				
177/Y59	6/5/24	2,744	Moisture Condition, Soil/Dirt Compaction	6/14/24	425.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.46				
174/Y60	6/5/24	500	Moisture Condition, Soil/Dirt Compaction	6/14/24	49.13	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	20.88				
174/Y61	6/5/24	4,250	Moisture Condition, Soil/Dirt Compaction	6/14/24	114.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	11.24				
184/Y62	6/5/24	8,523	Moisture Condition, Soil/Dirt Compaction	6/14/24	83.90	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.24				
177/Y63	6/5/24	2,082	Moisture Condition, Soil/Dirt Compaction	6/14/24	47.51	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/2/24	12.40				
61/Y11	6/19/24	947	Moisture Condition, Soil/Dirt Compaction	6/27/24	300.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	204.00				
61/Y12	6/19/24	927	Moisture Condition, Soil/Dirt Compaction	6/27/24	210.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	166.00				
40/Y21	6/19/24	998	Moisture Condition, Soil/Dirt Compaction	6/27/24	225.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	211.00				
41/Y61	6/19/24	1,000	Moisture Condition, Soil/Dirt Compaction	6/27/24	370.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	358.00				
60/Y71	6/19/24	4,350	Moisture Condition, Soil/Dirt Compaction	6/27/24	285.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	409.00				
60/Y72	6/19/24	5,062	Moisture Condition, Soil/Dirt Compaction	6/27/24	406.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	473.00				
59/Y73	6/19/24	5,345	Moisture Condition, Soil/Dirt Compaction	6/27/24	350.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	398.00				
59/Y74	6/19/24	4,750	Moisture Condition, Soil/Dirt Compaction	6/27/24	197.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	433.00				
56/Y1	6/19/24	3,200	Moisture Condition, Soil/Dirt Compaction	6/27/24	385.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	49.00				
69/Y2	6/19/24	8,200	Moisture Condition, Soil/Dirt Compaction	6/27/24	408.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	489.00				
45/Y81	6/19/24	500	Moisture Condition, Soil/Dirt Compaction	6/27/24	180.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	56.00				
46/Y82	6/19/24	500	Moisture Condition, Soil/Dirt Compaction	6/27/24	96.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	91.00				
46/Y83	6/19/24	1,223	Moisture Condition, Soil/Dirt Compaction	6/27/24	307.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	461.00				
46/Y84	6/19/24	1,418	Moisture Condition, Soil/Dirt Compaction	6/27/24	200.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	121.00				
158/131	6/20/24	990	Moisture Condition, Soil/Dirt Compaction	6/27/24	100.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	116.00				
157/132	6/20/24	631	Moisture Condition, Soil/Dirt Compaction	6/27/24	78.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	82.00				
156/133	6/20/24	815	Moisture Condition, Soil/Dirt Compaction	6/27/24	110.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	384.00				
178/135	6/20/24	730	Moisture Condition, Soil/Dirt Compaction	6/27/24	94.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	102.00				
146/151	6/20/24	2,000	Moisture Condition, Soil/Dirt Compaction	6/27/24	187.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	71.00				
147/152	6/20/24	500	Moisture Condition, Soil/Dirt Compaction	6/27/24	243.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	38.00				
149/153	6/20/24	1,000	Moisture Condition, Soil/Dirt Compaction	6/27/24	180.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	111.00				
149/154	6/20/24	750	Moisture Condition, Soil/Dirt Compaction	6/27/24	125.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	129.00				
149/155	6/20/24	675	Moisture Condition, Soil/Dirt Compaction	6/27/24	90.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	465.00				
176/101	6/20/24	506	Moisture Condition, Soil/Dirt Compaction	6/27/24	207.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	200.00				
176/102	6/20/24	501	Moisture Condition, Soil/Dirt Compaction	6/27/24	150.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	98.00				
176/103	6/20/24	603	Moisture Condition, Soil/Dirt Compaction	6/27/24	118.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	59.00				
173/104	6/20/24	600	Moisture Condition, Soil/Dirt Compaction	6/27/24	207.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	81.00				
173/105	6/20/24	607	Moisture Condition, Soil/Dirt Compaction	6/27/24	130.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	108.00				
173/106	6/20/24	501	Moisture Condition, Soil/Dirt Compaction	6/27/24	85.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	134.00				
177/Y111	6/20/24	2,382	Moisture Condition, Soil/Dirt Compaction	6/27/24	279.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	238.00				
172/Y112	6/20/24	6,834	Moisture Condition, Soil/Dirt Compaction	6/27/24	405.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	495.00				
171/113	6/20/24	3,545	Moisture Condition, Soil/Dirt Compaction	6/27/24	310.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	490.00				

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
171/114	6/20/24	820	Moisture Condition, Soil/Dirt Compaction	6/27/24	260.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	311.00				
166/115	6/20/24	4,785	Moisture Condition, Soil/Dirt Compaction	6/27/24	318.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	441.00				
166/115	6/20/24	6,785	Moisture Condition, Soil/Dirt Compaction	6/27/24	277.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	489.00				
166/117	6/20/24	6,334	Moisture Condition, Soil/Dirt Compaction	6/27/24	420.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	471.00				
154/141	6/20/24	4,000	Moisture Condition, Soil/Dirt Compaction	6/27/24	240.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	392.00				
154/142	6/20/24	4,600	Moisture Condition, Soil/Dirt Compaction	6/27/24	160.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	407.00				
152/143	6/20/24	4,000	Moisture Condition, Soil/Dirt Compaction	6/27/24	309.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	476.00				
153/144	6/20/24	2,000	Moisture Condition, Soil/Dirt Compaction	6/27/24	145.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	316.00				
152/145	6/20/24	4,000	Moisture Condition, Soil/Dirt Compaction	6/27/24	280.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	484.00				
151/146	6/20/24	1,200	Moisture Condition, Soil/Dirt Compaction	6/27/24	195.00	NA	NA	NA	Well Activation and Flow Increase	7/15/24	329.00				
165/121	6/20/24	750	Moisture Condition, Soil/Dirt Compaction	6/27/24	110.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	66.00				
155/122	6/20/24	1,300	Moisture Condition, Soil/Dirt Compaction	6/27/24	136.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/15/24	82.00				
39/Y51	6/24/24	3,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	30.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	138.00				
38/Y52	6/24/24	4,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	31.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	146.00				
38/Y53	6/24/24	2,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	56.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	191.00				
101/Y21	6/24/24	3,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.04	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	158.00				
97/Y22	6/24/24	4,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.54	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	213.00				
97/Y23	6/24/24	1,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	7.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	118.00				
239/Y38	6/24/24	679	Moisture Condition, Soil/Dirt Compaction	7/2/24	20.10	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	135.00				
235/Y37	6/24/24	626	Moisture Condition, Soil/Dirt Compaction	7/2/24	14.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	126.00				
236/Y36	6/24/24	636	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	115.00				
236/Y35	6/24/24	2,200	Moisture Condition, Soil/Dirt Compaction	7/2/24	13.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	137.00				
236/Y34	6/24/24	1,700	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	128.00				
104/Y33	6/24/24	1,800	Moisture Condition, Soil/Dirt Compaction	7/2/24	27.28	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	119.00				
104/Y32	6/24/24	1,034	Moisture Condition, Soil/Dirt Compaction	7/2/24	29.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	164.00				
104/Y31	6/24/24	732	Moisture Condition, Soil/Dirt Compaction	7/2/24	16.32	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	139.00				
91/Y42	6/24/24	980	Moisture Condition, Soil/Dirt Compaction	7/2/24	103.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	152.00				
92/Y43	6/24/24	735	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	135.00				
50/Y44	6/24/24	680	Moisture Condition, Soil/Dirt Compaction	7/2/24	45.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	218.00				
52/Y71	6/24/24	6,500	Moisture Condition, Soil/Dirt Compaction	7/2/24	38.96	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	159.00				
49/Y72	6/24/24	925	Moisture Condition, Soil/Dirt Compaction	7/2/24	21.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	176.00				
45/Y73	6/24/24	3,500	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	69.00				
46/Y74	6/24/24	7,500	Moisture Condition, Soil/Dirt Compaction	7/2/24	28.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	371.00				
94/Y11	6/24/24	500	Moisture Condition, Soil/Dirt Compaction	7/2/24	35.70	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	19.00				
97/Y12	6/24/24	500	Moisture Condition, Soil/Dirt Compaction	7/2/24	18.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	96.00				
100/Y13	6/24/24	700	Moisture Condition, Soil/Dirt Compaction	7/2/24	37.81	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	87.00				
100/Y14	6/24/24	500	Moisture Condition, Soil/Dirt Compaction	7/2/24	23.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	79.00				
101/Y15	6/24/24	900	Moisture Condition, Soil/Dirt Compaction	7/2/24	11.24	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	95.00				
51/Y61	6/24/24	4,925	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.24	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	215.00				
43/Y62	6/24/24	7,550	Moisture Condition, Soil/Dirt Compaction	7/2/24	14.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	311.00				
43/Y63	6/24/24	5,667	Moisture Condition, Soil/Dirt Compaction	7/2/24	19.67	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	246.00				
165/Y100	6/25/24	4,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	99.70	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	107.00				
165/Y101	6/25/24	3,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	17.27	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	214.00				
165/Y102	6/25/24	2,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	29.80	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	96.00				
165/Y103	6/25/24	5,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	8.70	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	87.00				
90/Y104	6/25/24	2,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	6.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	101.00				
90/Y105	6/25/24	5,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	19.17	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	283.00				
155/Y106	6/25/24	3,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	43.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	310.00				
155/Y107	6/25/24	3,500	Moisture Condition, Soil/Dirt Compaction	7/2/24	30.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	156.00				
76/Y151	6/25/24	787	Moisture Condition, Soil/Dirt Compaction	7/2/24	15.60	NA	NA	NA	Well Activation and Flow Increase	7/23/24	129.00				
53/Y152	6/25/24	921	Moisture Condition, Soil/Dirt Compaction	7/2/24	29.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	148.00				
53/Y153	6/25/24	3,977	Moisture Condition, Soil/Dirt Compaction	7/2/24	24.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	237.00				
81/Y154	6/25/24	2,855	Moisture Condition, Soil/Dirt Compaction	7/2/24	84.10	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	119.00				
81/Y155	6/25/24	1,081	Moisture Condition, Soil/Dirt Compaction	7/2/24	78.70	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	74.00				
82/Y156	6/25/24	1,533	Moisture Condition, Soil/Dirt Compaction	7/2/24	9.01	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	99.00				
82/Y157	6/25/24	5,329	Moisture Condition, Soil/Dirt Compaction	7/2/24	15.70	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	82.00				
159/Y111	6/25/24	6,452	Moisture Condition, Soil/Dirt Compaction	7/2/24	31.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	76.00				
159/Y112	6/25/24	500	Moisture Condition, Soil/Dirt Compaction	7/2/24	21.20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	84.00				
157/Y113	6/25/24	2,143	Moisture Condition, Soil/Dirt Compaction	7/2/24	447.00	NA	NA	NA	Well Activation and Flow Increase	7/23/24	151.00				
157/Y114	6/25/24	6,713	Moisture Condition, Soil/Dirt Compaction	7/2/24	16.21	NA	NA	NA	Well Activation and Flow Increase	7/23/24	218.00				
156/Y115	6/25/24	8,815	Moisture Condition, Soil/Dirt Compaction	7/2/24	374.00	NA	NA	NA	Well Activation and Flow Increase	7/23/24	137.00				
156/Y116	6/25/24	4,432	Moisture Condition, Soil/Dirt Compaction	7/2/24	91.67	NA	NA	NA	Well Activation and Flow Increase	7/23/24	159.00				
157/Y117	6/25/24	9,020	Moisture Condition, Soil/Dirt Compaction	7/2/24	88.35	NA	NA	NA	Well Activation and Flow Increase	7/23/24	150.00				
157/Y118	6/25/24	1,215	Moisture Condition, Soil/Dirt Compaction	7/2/24	354.00	NA	NA	NA	Well Activation and Flow Increase	7/23/24	176.00				
152/Y121	6/25/24	600	Moisture Condition, Soil/Dirt Compaction	7/2/24	65.21	NA	NA	NA	Well Activation and Flow Increase	7/23/24	58.00				
153/Y122	6/25/24	800	Moisture Condition, Soil/Dirt Compaction	7/2/24	35.41	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	91.00				
153/Y123	6/25/24	1,000	Moisture Condition, Soil/Dirt Compaction	7/2/24	55.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	83.00				
153/Y124	6/25/24	500	Moisture Condition, Soil/Dirt Compaction	7/2/24	99.82	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	52.00				
209/Y142	6/25/24	535	Moisture Condition, Soil/Dirt Compaction	7/2/24	7.50	NA	NA	NA	Well Activation and Flow Increase	7/23/24	110.00				
164/Y143	6/25/24	770	Moisture Condition, Soil/Dirt Compaction	7/2/24	25.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/23/24	117.00				
38/Y51	7/3/24	585	Moisture Condition, Soil/Dirt Compaction	7/10/24	87.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	31.88				
39/Y52	7/3/24	8,010	Moisture Condition, Soil/Dirt Compaction	7/10/24	96.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	27.58				
49/Y54	7/3/24	561	Moisture Condition, Soil/Dirt Compaction	7/10/24	104.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	454.00				
92/Y55	7/3/24	801	Moisture Condition, Soil/Dirt Compaction	7/10/24	39.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	61.50				
91/Y56	7/3/24	855	Moisture Condition, Soil/Dirt Compaction	7/10/24	261.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	103.00				

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
151/Y21	7/3/24	3,545	Moisture Condition, Soil/Dirt Compaction	7/10/24	308.00	NA	NA	NA	Well Activation and Flow Increase	8/2/24	45.21				
152/Y22	7/3/24	5,342	Moisture Condition, Soil/Dirt Compaction	7/10/24	206.00	NA	NA	NA	Well Activation and Flow Increase	8/2/24	12.86				
154/Y23	7/3/24	797	Moisture Condition, Soil/Dirt Compaction	7/10/24	137.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	18.35				
83/Y24	7/3/24	592	Moisture Condition, Soil/Dirt Compaction	7/10/24	154.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	35.21				
149/Y25	7/3/24	1,695	Moisture Condition, Soil/Dirt Compaction	7/10/24	117.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	64.10				
149/Y26	7/3/24	2,324	Moisture Condition, Soil/Dirt Compaction	7/10/24	139.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	103.00				
149/Y27	7/3/24	1,368	Moisture Condition, Soil/Dirt Compaction	7/10/24	201.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	145.00				
82/Y28	7/3/24	5,134	Moisture Condition, Soil/Dirt Compaction	7/10/24	306.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	192.00				
101/Y61	7/3/24	1,300	Moisture Condition, Soil/Dirt Compaction	7/10/24	209.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	221.00				
104/Y62	7/3/24	2,200	Moisture Condition, Soil/Dirt Compaction	7/10/24	143.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	315.00				
165/Y11	7/3/24	500	Moisture Condition, Soil/Dirt Compaction	7/10/24	172.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	246.00				
163/Y12	7/3/24	650	Moisture Condition, Soil/Dirt Compaction	7/10/24	184.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	10.67				
164/Y13	7/3/24	510	Moisture Condition, Soil/Dirt Compaction	7/10/24	159.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	10.47				
159/Y1	7/3/24	500	Moisture Condition, Soil/Dirt Compaction	7/10/24	137.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	120.00				
159/Y2	7/3/24	4,523	Moisture Condition, Soil/Dirt Compaction	7/10/24	199.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	105.00				
159/Y3	7/3/24	500	Moisture Condition, Soil/Dirt Compaction	7/10/24	81.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	122.00				
159/Y4	7/3/24	745	Moisture Condition, Soil/Dirt Compaction	7/10/24	76.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	425.00				
159/Y5	7/3/24	2,345	Moisture Condition, Soil/Dirt Compaction	7/10/24	181.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	425.00				
32/Y31	7/3/24	3,000	Moisture Condition, Soil/Dirt Compaction	7/10/24	130.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	27.93				
59/Y32	7/3/24	2,000	Moisture Condition, Soil/Dirt Compaction	7/10/24	143.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	375.00				
81/Y33	7/3/24	2,500	Moisture Condition, Soil/Dirt Compaction	7/10/24	158.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	24.50				
53/Y34	7/3/24	1,000	Moisture Condition, Soil/Dirt Compaction	7/10/24	203.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	125.00				
53/Y35	7/3/24	4,000	Moisture Condition, Soil/Dirt Compaction	7/10/24	316.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	220.00				
52/Y41	7/3/24	1,219	Moisture Condition, Soil/Dirt Compaction	7/10/24	209.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	349.00				
52/Y42	7/3/24	3,046	Moisture Condition, Soil/Dirt Compaction	7/10/24	181.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	193.00				
51/Y43	7/3/24	2,973	Moisture Condition, Soil/Dirt Compaction	7/10/24	212.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	128.00				
43/Y44	7/3/24	1,307	Moisture Condition, Soil/Dirt Compaction	7/10/24	68.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	116.00				
43/Y45	7/3/24	9,878	Moisture Condition, Soil/Dirt Compaction	7/10/24	398.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	256.00				
42/Y46	7/3/24	3,495	Moisture Condition, Soil/Dirt Compaction	7/10/24	246.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	45.50				
46/Y47	7/3/24	3,880	Moisture Condition, Soil/Dirt Compaction	7/10/24	317.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	325.00				
49/Y48	7/3/24	809	Moisture Condition, Soil/Dirt Compaction	7/10/24	80.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/2/24	475.00				
186/Y71	7/16/24	500	Well Activation and Flow Increase	7/25/24	10.93	NA	NA	NA							
193/Y72	7/16/24	1,000	Moisture Condition, Soil/Dirt Compaction	7/25/24	113.00	NA	NA	NA							
66/Y1	7/16/24	1,199	Moisture Condition, Soil/Dirt Compaction	7/25/24	10.49	NA	NA	NA							
53/Y2	7/16/24	5,614	Moisture Condition, Soil/Dirt Compaction	7/25/24	11.63	NA	NA	NA							
53/Y3	7/16/24	4,696	Moisture Condition, Soil/Dirt Compaction	7/25/24	334.00	NA	NA	NA							
53/Y4	7/16/24	6,647	Moisture Condition, Soil/Dirt Compaction	7/25/24	80.25	NA	NA	NA							
81/Y5	7/16/24	7,179	Moisture Condition, Soil/Dirt Compaction	7/25/24	61.50	NA	NA	NA							
32/Y6	7/16/24	3,755	Moisture Condition, Soil/Dirt Compaction	7/25/24	429.00	NA	NA	NA							
83/Y7	7/16/24	1,022	Moisture Condition, Soil/Dirt Compaction	7/25/24	376.00	NA	NA	NA							
177/Y41	7/16/24	531	Well Activation and Flow Increase	7/25/24	35.40	NA	NA	NA							
157/Y31	7/16/24	500	Well Activation and Flow Increase	7/25/24	22.57	NA	NA	NA							
158/Y32	7/16/24	2,723	Well Activation and Flow Increase	7/25/24	489.00	NA	NA	NA							
159/Y33	7/16/24	1,500	Moisture Condition, Soil/Dirt Compaction	7/25/24	63.51	NA	NA	NA							
159/Y34	7/16/24	600	Moisture Condition, Soil/Dirt Compaction	7/25/24	53.39	NA	NA	NA							
159/Y35	7/16/24	4,272	Moisture Condition, Soil/Dirt Compaction	7/25/24	36.49	NA	NA	NA							
165/Y36	7/16/24	500	Moisture Condition, Soil/Dirt Compaction	7/25/24	315.00	NA	NA	NA							
165/Y37	7/16/24	500	Moisture Condition, Soil/Dirt Compaction	7/25/24	27.96	NA	NA	NA							
159/Y38	7/16/24	8,821	Moisture Condition, Soil/Dirt Compaction	7/25/24	377.00	NA	NA	NA							
43/Y11	7/30/24	1,640													
43/Y12	7/30/24	840													
42/Y13	7/30/24	790													
47/Y1	7/30/24	1,041													
46/Y2	7/30/24	967													
45/Y3	7/30/24	3,297													
98/Y31	7/30/24	1,000													
101/Y32	7/30/24	900													
103/Y33	7/30/24	600													
100/Y21	7/30/24	2,000													
95/Y41	7/30/24	3,512													
95/Y42	7/30/24	4,735													
104/Y43	7/30/24	2,486													
236/Y44	7/30/24	1,432													
236/Y45	7/30/24	6,342													
104/Y46	7/30/24	500													
104/Y47	7/30/24	4,723													
104/Y48	7/30/24	852													
170/Y111	7/31/24	600													
170/Y112	7/31/24	700													
173/Y113	7/31/24	1,000													
151/Y81	7/31/24	2,100													
154/Y82	7/31/24	1,253													
159/Y91	7/31/24	9,263													
159/Y92	7/31/24	1,232													
159/Y93	7/31/24	800													
159/Y94	7/31/24	1,432													
158/Y95	7/31/24	1,423													
158/Y96	7/31/24	2,312													
157/Y97	7/31/24	1,532													
157/Y98	7/31/24	2,533													
156/Y99	7/31/24	600													
178/Y100	7/31/24	500													
181/Y121	7/31/24	4,000													
181/Y122	7/31/24	4,000													
181/Y123	7/31/24	4,000													
175/Y124	7/31/24	4,000													
202/Y131	7/31/24	2,342													
202/Y132	7/31/24	1,093													
207/Y133	7/31/24	1,564													
207/Y134	7/31/24	1,564													
66/Y61	7/31/24	837													
53/Y62	7/31/24	2,318													
53/Y63	7/31/24	1,903													
53/Y64	7/31/24	6,079													
53/Y65	7/31/24	1,070													
81/Y66	7/31/24	748													
81/Y67	7/31/24	4,110													
82/Y68	7/31/24	2,994													
82/Y64	7/31/24	3,340													
81/Y22	8/8/24	4,000													
59/Y23	8/8/24	4,000													

Grid	Initial Date	Initial Exceedance >500, 200-499, >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	Monthly Corrective Action	Monthly Remonitoring Date	PPM	45-Day Corrective Action Deadline	45-Day Corrective Action	45-Day Corrective Action Date/Remonitoring Date	PPM
59/Y24	8/8/24	5,000													
82/Y25	8/8/24	17,000													
32/Y26	8/8/24	500													
155/Y27	8/8/24	600													
150/Y42	8/8/24	728													
78/Y43	8/8/24	1,023													
185/Y52	8/8/24	1,500													
181/Y53	8/8/24	2,000													
170/Y11	8/8/24	715													
167/Y12	8/8/24	661													
166/Y13	8/8/24	535													
159/Y14	8/8/24	835													
149/Y15	8/8/24	631													
165/Y72	8/8/24	750													
210/Y73	8/8/24	1,700													
211/Y73	8/8/24	3,500													
214/Y75	8/8/24	2,000													
214/Y76	8/8/24	10,000													
152/Y1	8/8/24	800													
188/Y62	8/8/24	500													
189/Y63	8/8/24	523													
191/Y64	8/8/24	500													
193/Y65	8/8/24	500													
173/Y32	8/8/24	520													
174/Y33	8/8/24	1,600													
172/Y34	8/8/24	602													
157/Y35	8/8/24	723													
166/Y132	8/13/24	700													
166/Y133	8/13/24	800													
167/Y134	8/13/24	650													
159/Y135	8/13/24	790													
159/Y136	8/13/24	900													
158/Y137	8/13/24	500													
149/Y138	8/13/24	510													
149/Y139	8/13/24	500													
36/Y140	8/13/24	1,200													
40/Y141	8/13/24	925													
40/Y142	8/13/24	625													
182/Y22	8/13/24	8,523													
185/Y23	8/13/24	500													
185/Y24	8/13/24	6,330													
185/Y25	8/13/24	8,652													
150/Y26	8/13/24	813													
150/Y27	8/13/24	2,340													
150/Y28	8/13/24	500													
145/Y29	8/13/24	500													
77/Y30	8/13/24	500													
170/Y112	8/13/24	1,398													
171/Y113	8/13/24	5,049													
171/Y114	8/13/24	7,979													
158/Y115	8/13/24	6,170													
158/Y116	8/13/24	1,228													
53/Y117	8/13/24	7,355													
53/Y118	8/13/24	5,323													
33/Y119	8/13/24	5,440													
33/Y120	8/13/24	6,279													
37/Y121	8/13/24	2,171													
37/Y122	8/13/24	5,178													
42/Y123	8/13/24	3,811													
47/Y124	8/13/24	2,495													
47/Y125	8/13/24	1,090													
52/Y126	8/13/24	2,093													
189/Y01	8/13/24	501													
191/Y02	8/13/24	1,400													
193/Y03	8/13/24	2,900													
193/Y04	8/13/24	560													
186/Y05	8/13/24	730													
186/Y06	8/13/24	650													
165/Y152	8/13/24	3,500													
165/Y153	8/13/24	1,800													
164/Y154	8/13/24	555													
80/Y52	8/13/24	700													
79/Y53	8/13/24	790													
73/Y54	8/13/24	1,000													
79/Y55	8/13/24	800													
75/Y56	8/13/24	1,000													
51/Y57	8/13/24	598													
57/Y58	8/13/24	2,500													
174/Y92	8/13/24	700													
172/Y93	8/13/24	800													
172/Y94	8/13/24	900													
178/Y72	8/13/24	3,000													
151/Y73	8/13/24	2,000													
175/Y74	8/13/24	4,000													
177/Y75	8/13/24	4,000													
60/Y76	8/13/24	4,000													
60/Y77	8/13/24	4,000													
63/Y78	8/13/24	5,000													
65/Y79	8/13/24	5,000													
238/Y22	8/14/24	5,000													
239/Y23	8/14/24	8,000													
98/Y101	8/14/24	1,001													
101/Y012	8/14/24	832													
101/Y013	8/14/24	762													
103/Y104	8/14/24	560													
93/Y122	8/14/24	1,500													
92/Y123	8/14/24	10,000													

Attachment D

Daily Inlet Temperatures

Attachment D - LFGTS Vessel Inlet Temperatures

July 2024

	Inlet Temperature (F)			
Date Time	ST-1	ST-2	ST-3	ST-4
07/01/2024 09:05	74	78	110	120
07/02/2024 18:47	108	108	121	116
07/03/2024 10:00	103	91	123	116
07/04/2024 08:18	94	74	106	118
07/05/2024 14:08	122	116	132	116
07/06/2024 13:35	117	107	130	118
07/07/2024 13:46	122	103	130	120
07/08/2024 16:32	128	110	125	120
07/09/2024 09:05	127	113	126	120
07/10/2024 16:37	127	114	132	122
07/11/2024 08:20	128	76	109	110
07/12/2024 00:00	NR	NR	NR	NR
07/13/2024 09:43	121	86	122	114
07/14/2024 15:48	126	107	125	100
07/15/2024 18:00	123	107	120	101
07/16/2024 16:44	126	105	123	100
07/17/2024 11:01	124	91	122	110
07/18/2024 08:14	108	73	110	108
07/19/2024 16:35	132	113	132	110
07/20/2024 00:00	NR	NR	NR	NR
07/21/2024 07:58	100	72	104	114
07/22/2024 15:59	133	112	129	111
07/23/2024 16:10	130	110	128	110
07/24/2024 15:54	132	110	131	112
07/25/2024 14:59	113	77	117	119
07/26/2024 07:37	103	75	108	109
07/27/2024 11:03	124	93	128	118
07/28/2024 08:28	115	70	113	110
07/29/2024 08:43	106	69	69	110
07/30/2024 00:00	NR	NR	NR	NR
07/31/2024 07:49	104	65	65	102

NR: Not recorded

Attachment E

Wellhead Temperature, Probe Temperature, and CO Concentration Data

Attachment E - Well CO Data
July 2024

Well PPMV	7/1/2024	7/2/2024	7/3/2024	7/10/2024	7/11/2024	7/16/2024	7/17/2024	7/18/2024	7/24/2024	7/25/2024	7/30/2024	7/31/2024
CV-1534A		4135			3665			3855	3640		4175	
CV-1902A								1400	1610		1790	
CV-2004								3560	3700		3880	
CV-2201		2670							2110			2815
CV-2203		2310			2970	3235			3100			804
CV-2204		3150			3070	3220			2450			3060
CV-2206		2100			2410	2520			2000			2380
CV-2301	1820											
CV-2304		2710			2140							
CV-2306		3850			3020	3200			2610			2950
CV-2308		796		882		1510			773.5			1370
CV-2315												2570
CV-2328		1520			2900	2460				1715		1730
CV-2338		1980			1830		2490		1380		1880	
CV-2339								1750	1700		2180	
CV-2341			526	490								
CV-2342A		2480			335.5			3600	1880		2810	
CV-2352		2460			2210							
CV-2353		1520			1140			1780	1180		1970	
CV-24007		457		690			708			353		434.5
CV-24017		2235		2560			2580					
CV-24018		2500		659								
CV-24019												2110
CV-24022		872		3940			5020		3490			4140
CV-24024		4450		3410			4624			3340	3690	
CV-24035		5460		4560			4630			4750	4305	
CV-24069	565											
CV-24079	1030											
CV-24080	641											
CV-24142		2260			3850			4530	4120		5050	
CV-55R										118	222	
H-1564N		1610		1785		1780			1600			
H-1803N		4060		1760			1650			1220	1954	
H-1962N		978		1030			797			599		556

Attachment E - Well CO Data
July 2024

Well PPMV	7/1/2024	7/2/2024	7/3/2024	7/10/2024	7/11/2024	7/16/2024	7/17/2024	7/18/2024	7/24/2024	7/25/2024	7/30/2024	7/31/2024
TC-2174		2050		2400			1990					

Attachment E - Well Temperature Data
July 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW007	SW-7	7/1/2024 10:23:15 AM	88.2	87.8
CHISW025	SW-25	7/1/2024 10:27:59 AM	95.9	95.7
CHSW1930	SW-1930	7/1/2024 10:33:43 AM	97.6	97.8
CHISW068	SW-68	7/1/2024 11:15:12 AM	96.4	96.2
CHISW032	SW-32	7/1/2024 11:22:16 AM	102.8	102.8
CHISW064	SW-64	7/1/2024 11:26:19 AM	101.7	102.4
CHISW030	SW-30	7/1/2024 11:30:52 AM	102.4	102.6
CCV24172	CV-24172	7/1/2024 2:12:32 PM	110.7	110.8
CCV24069	CV-24069	7/1/2024 2:15:04 PM	114.8	114.7
CHWCV52D	CV-52D	7/1/2024 2:16:57 PM	137.2	137.1
CHCV2301	CV-2301	7/1/2024 2:18:58 PM	175.7	175.8
CHWCV52D	CV-52D	7/1/2024 2:22:45 PM	137.2	135.9
CCV24079	CV-24079	7/1/2024 2:27:55 PM	120.4	122.5
CCV24212	CV-24212	7/1/2024 2:29:37 PM	105.9	106.0
CCV24080	CV-24080	7/1/2024 2:31:55 PM	112.7	120.3
CCV24080	CV-24080	7/1/2024 2:32:48 PM	121.5	121.8
CCV24212	CV-24212	7/1/2024 2:34:16 PM	106.6	106.7
CHIWH072	H-72	7/1/2024 2:48:37 PM	102.7	103.1
CHWCV49S	CV-49S	7/1/2024 3:05:56 PM	100.6	100.5
CCV24132	CV-24132	7/1/2024 3:18:49 PM	126.1	126.9
CHIWH031	H-31	7/1/2024 3:31:09 PM	109.6	109.8
CCV24063	CV-24063	7/1/2024 3:51:25 PM	107.1	107.4
CHH2167W	H-2167W	7/1/2024 3:54:57 PM	108.4	108.5
CCV24074	CV-24074	7/1/2024 3:56:53 PM	100.4	101.0
CCV24073	CV-24073	7/1/2024 4:02:53 PM	110.1	111.4
CCV24084	CV-24084	7/1/2024 4:07:50 PM	114.5	116.1
CHWCV103	CV-103	7/1/2024 4:11:56 PM	113.2	113.4
CHH1565C	H-1565C	7/1/2024 4:15:07 PM	116.8	117.4
CCV24071	CV-24071	7/1/2024 4:19:36 PM	117.0	117.4
CHH1754S	H-1754S	7/1/2024 4:22:38 PM	100.1	99.9
CHH1964S	H-1964S	7/1/2024 4:25:44 PM	97.0	96.9
CCV24060	CV-24060	7/1/2024 4:28:39 PM	117.7	119.7
CHH1405E	H-1405E	7/1/2024 4:33:54 PM	105.3	105.5
CCV24059	CV-24059	7/1/2024 4:41:39 PM	115.9	116.4
CCV24069	CV-24069	7/1/2024 4:43:37 PM	104.5	105.3
CCV24081	CV-24081	7/1/2024 4:47:31 PM	107.3	108.5
CCV24083	CV-24083	7/1/2024 4:53:50 PM	116.9	118.4
CHWCV74R	CV-74R	7/1/2024 4:58:06 PM	115.6	115.9
CCV24035	CV-24035	7/2/2024 8:51:46 AM	190.3	190.1
CHTC2174	TC-2174	7/2/2024 8:59:41 AM	171.0	171.0
CCV24024	CV-24024-PLR	7/2/2024 9:06:48 AM	176.4	176.3
CHH1803N	H-1803N	7/2/2024 9:18:33 AM	181.5	181.5
CCV24022	CV-24022	7/2/2024 9:31:39 AM	186.9	186.8
CHH1962N	H-1962N	7/2/2024 9:39:55 AM	172.1	172.1
CCV24007	CV-24007	7/2/2024 9:45:35 AM	160.0	N/A

Attachment E - Well Temperature Data
July 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24017	CV-24017	7/2/2024 9:52:33 AM	168.2	168.3
CHIWCV06	CV-06	7/2/2024 9:55:25 AM	99.2	99.5
CHIWCV06	CV-06	7/2/2024 9:57:41 AM	100.6	100.6
CCV24018	CV-24018	7/2/2024 9:59:16 AM	150.8	151.0
CHIWCV07	CV-07	7/2/2024 10:08:05 AM	100.1	100.3
CHISW032	SW-32	7/2/2024 10:08:46 AM	94.3	94.3
CHIWCV07	CV-07	7/2/2024 10:10:55 AM	102.4	102.4
CHISW068	SW-68	7/2/2024 10:12:14 AM	93.2	93.3
CHISW064	SW-64	7/2/2024 10:15:59 AM	101.8	103.0
CHIWP02R	P-02R	7/2/2024 10:16:16 AM	87.0	87.2
CHISW030	SW-30	7/2/2024 10:19:18 AM	101.3	101.4
CHIWP002	P-02	7/2/2024 10:24:22 AM	108.1	108.9
CHIWCV08	CV-08	7/2/2024 10:26:05 AM	113.7	114.6
CHISW007	SW-7	7/2/2024 10:33:57 AM	85.0	84.9
CHIWP03R	P-03R	7/2/2024 10:34:17 AM	105.2	105.3
CHIWCV09	CV-09	7/2/2024 10:35:00 AM	124.6	124.8
CHISW025	SW-25	7/2/2024 10:37:19 AM	93.4	93.8
CHSW1930	SW-1930	7/2/2024 10:43:03 AM	93.0	93.3
CHIWP004	P-04	7/2/2024 10:45:42 AM	97.5	103.9
CHIWP009	P-09	7/2/2024 10:53:23 AM	98.0	98.0
CHH1564N	H-1564N	7/2/2024 10:58:24 AM	182.3	181.9
CHH2165E	H-2165E	7/2/2024 11:03:30 AM	119.8	121.2
CHCV1603	CV-1603	7/2/2024 11:11:32 AM	105.9	105.9
CCV24205	CV-24205	7/2/2024 11:16:17 AM	112.1	117.2
CHCV2328	CV-2328	7/2/2024 11:18:24 AM	153.0	153.1
CHH1957N	H-1957N	7/2/2024 11:25:07 AM	107.4	108.9
CCV24116	CV-24116	7/2/2024 11:28:35 AM	110.7	111.2
CHCV1606	CV-1606	7/2/2024 11:38:18 AM	108.1	109.0
CHH1573S	H-1573S	7/2/2024 11:47:50 AM	99.7	100.9
CHH1573S	H-1573S	7/2/2024 11:52:04 AM	101.3	101.3
CHH1767N	H-1767N	7/2/2024 11:58:19 AM	116.7	116.7
CHCV2352	CV-2352	7/2/2024 2:21:39 PM	158.3	156.1
CHCV2306	CV-2306	7/2/2024 2:24:39 PM	192.7	192.0
CHCV2338	CV-2338	7/2/2024 2:25:08 PM	177.2	176.8
CCV24119	CV-24119	7/2/2024 2:26:58 PM	110.3	110.5
CCV24119	CV-24119	7/2/2024 2:28:42 PM	112.3	112.3
CHCV2353	CV-2353-PLR	7/2/2024 2:38:16 PM	180.0	180.0
CCV24211	CV-24211	7/2/2024 2:47:32 PM	112.8	113.5
CCV24137	CV-24137	7/2/2024 2:52:57 PM	100.4	100.4
CHCV2308	CV-2308-PLR	7/2/2024 2:55:02 PM	177.0	177.0
CCV24137	CV-24137	7/2/2024 2:55:20 PM	100.4	100.4
CCV2342A	CV-2342A-PLR	7/2/2024 2:55:45 PM	193.0	192.7
CHWCV55R	CV-55R	7/2/2024 3:04:21 PM	144.5	144.6
CHWCV55R	CV-55R	7/2/2024 3:06:06 PM	142.1	142.6
CCV1534A	CV-1534A-PLR	7/2/2024 3:09:07 PM	193.7	193.9

Attachment E - Well Temperature Data
July 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV2201	CV-2201-PLR	7/2/2024 3:11:29 PM	201.4	201.4
CHIWH079	H-79	7/2/2024 3:19:09 PM	114.7	114.7
CHIWH079	H-79	7/2/2024 3:20:40 PM	115.7	115.7
CCV24142	CV-24142	7/2/2024 3:20:46 PM	172.5	171.8
CHWCV56S	CV-56S	7/2/2024 3:26:21 PM	121.6	122.1
CHCV2203	CV-2203-PLR	7/2/2024 3:31:22 PM	189.0	189.0
CHWCV56D	CV-56D	7/2/2024 3:31:46 PM	122.8	121.6
CCV1701S	CV-1701S	7/2/2024 3:39:49 PM	141.8	141.6
CCV1701S	CV-1701S	7/2/2024 3:42:22 PM	141.4	141.1
CCV1701D	CV-1701D	7/2/2024 3:44:55 PM	107.9	108.3
CHH2275E	H-2275E	7/2/2024 4:29:45 PM	115.8	116.1
CHH1763S	H-1763S	7/2/2024 4:34:13 PM	127.2	127.5
CHCV2304	CV-2304	7/2/2024 4:48:00 PM	174.7	174.7
CHCV2304	CV-2304	7/2/2024 4:49:06 PM	174.7	174.7
CCV24030	CV-24030	7/2/2024 4:57:58 PM	128.8	126.4
CHCV2204	CV-2204-PLR	7/2/2024 5:36:49 PM	193.4	193.4
CHCV2206	CV-2206-PLR	7/2/2024 5:37:42 PM	203.0	203.0
CHCV2206	CV-2206-PLR	7/2/2024 5:39:34 PM	203.0	203.0
CHISW032	SW-32	7/3/2024 8:56:56 AM	86.0	86.0
CHISW068	SW-68	7/3/2024 9:23:42 AM	76.7	75.6
CHISW030	SW-30	7/3/2024 9:28:00 AM	83.9	84.4
CCV24064	CV-24064	7/3/2024 9:32:51 AM	106.8	106.9
CHISW064	SW-64	7/3/2024 9:34:48 AM	91.7	92.1
CHH1953C	H-1953C	7/3/2024 9:39:32 AM	112.3	111.3
CCV24076	CV-24076	7/3/2024 9:44:11 AM	110.7	110.7
CHISW007	SW-7	7/3/2024 9:54:44 AM	67.8	67.9
CHH2166A	H-2166A	7/3/2024 9:56:40 AM	106.0	106.0
CHISW025	SW-25	7/3/2024 9:59:50 AM	68.2	67.8
CHH1771B	H-1771B	7/3/2024 10:00:46 AM	105.5	105.7
CHSW1930	SW-1930	7/3/2024 10:05:12 AM	66.7	86.9
CCV24065	CV-24065	7/3/2024 10:06:14 AM	104.2	103.0
CHCV1421	CV-1421	7/3/2024 10:10:38 AM	105.7	105.8
CCV24075	CV-24075	7/3/2024 10:21:59 AM	128.3	128.2
CHH1772N	H-1772N	7/3/2024 10:25:39 AM	121.1	121.0
CHIWP052	P-52	7/3/2024 10:27:34 AM	116.2	116.2
CHCV2314	CV-2314	7/3/2024 10:36:08 AM	124.8	124.0
CHH2168A	H-2168A	7/3/2024 10:40:45 AM	96.3	96.9
CHIWP055	P-55	7/3/2024 10:42:16 AM	102.0	101.9
CHIWP057	P-57	7/3/2024 10:53:00 AM	91.3	91.3
CHCV1906	CV-1906	7/3/2024 10:55:29 AM	109.3	109.3
CHIWP056	P-56	7/3/2024 11:00:52 AM	106.5	106.5
CHH1771N	H-1771N	7/3/2024 11:05:03 AM	101.4	101.4
CHH1771N	H-1771N	7/3/2024 11:06:14 AM	101.1	101.1
CCV24094	CV-24094	7/3/2024 11:13:17 AM	118.4	118.4
CCV24094	CV-24094	7/3/2024 11:14:07 AM	118.5	118.5

Attachment E - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWP054	P-54	7/3/2024 11:29:55 AM	87.7	N/A
CCV24033	CV-24033	7/3/2024 11:37:26 AM	103.2	103.2
CCV24033	CV-24033	7/3/2024 11:38:23 AM	103.2	103.2
CHCV2341	CV-2341	7/3/2024 11:49:37 AM	153.0	153.1
CHCV2341	CV-2341	7/3/2024 11:50:11 AM	153.1	153.1
CHCV2007	CV-2007	7/3/2024 12:05:55 PM	124.3	124.5
CCV24049	CV-24049	7/3/2024 12:16:15 PM	126.3	126.4
CCV24055	CV-24055	7/3/2024 12:21:09 PM	113.9	113.8
CCV24134	CV-24134	7/3/2024 2:22:20 PM	122.4	122.7
CHCV1423	CV-1423	7/3/2024 2:28:02 PM	127.7	127.1
CHH2173W	TC-2173	7/3/2024 2:34:42 PM	112.6	112.6
CHH1771A	H-1771A	7/3/2024 2:39:37 PM	109.8	109.9
CHISW020	SW-20	7/3/2024 2:40:07 PM	106.3	106.5
CHISW020	SW-20	7/3/2024 2:41:09 PM	106.7	106.7
CHCV2008	CV-2008	7/3/2024 2:44:36 PM	118.6	118.6
CHIWP07R	P-07R	7/3/2024 2:48:24 PM	95.1	95.0
CCV24135	CV-24135	7/3/2024 2:52:13 PM	130.6	130.7
CCV24135	CV-24135	7/3/2024 2:56:13 PM	130.8	130.3
CHIWP054	P-54	7/3/2024 3:01:52 PM	105.2	106.5
CHH1804N	H-1804N	7/3/2024 3:02:46 PM	118.0	118.1
CHH1955N	H-1955N	7/3/2024 3:06:33 PM	106.6	106.0
CHIWP054	P-54	7/3/2024 3:09:39 PM	116.1	116.1
CHCV2009	CV-2009	7/3/2024 3:14:54 PM	120.3	120.1
CHIWP075	P-75	7/3/2024 3:22:53 PM	95.2	95.3
CHIWP60R	P-60R	7/3/2024 3:38:32 PM	108.9	109.3
CHIWP061	P-61	7/3/2024 3:45:24 PM	97.0	97.0
CHIWP065	P-65	7/3/2024 3:58:01 PM	97.3	97.6
CHIP38RD	P-38RD	7/3/2024 4:02:59 PM	108.4	108.5
CHIP38RS	P-38RS	7/3/2024 4:06:20 PM	109.1	109.2
CHIWP076	P-76	7/3/2024 4:17:39 PM	117.0	117.0
CHIWP037	P-37	7/3/2024 4:23:22 PM	107.8	107.9
CCV24193	CV-24193	7/4/2024 10:08:16 AM	113.6	117.7
CHISW032	SW-32	7/5/2024 8:10:08 AM	85.4	85.4
CHISW068	SW-68	7/5/2024 8:14:53 AM	84.9	85.2
CHISW030	SW-30	7/5/2024 8:24:04 AM	88.1	88.0
CHISW064	SW-64	7/5/2024 8:28:04 AM	92.5	92.7
CHISW025	SW-25	7/5/2024 8:48:45 AM	90.5	91.3
CHISW007	SW-7	7/5/2024 8:52:59 AM	83.4	83.4
CHSW1930	SW-1930	7/5/2024 8:58:02 AM	94.8	94.9
CHIWP039	P-39	7/6/2024 8:32:41 AM	95.5	95.1
CHIP46RD	P-46RD	7/6/2024 9:52:55 AM	109.3	109.3
CHIP46RS	P-46RS	7/6/2024 9:58:41 AM	123.1	123.2
CHIP45RD	P-45RD	7/6/2024 10:10:06 AM	115.6	115.6
CHIP46RD	P-46RD	7/6/2024 10:13:19 AM	112.0	112.1
CHIP44RS	P-44RS	7/6/2024 10:24:11 AM	113.8	114.4

Attachment E - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIP44RD	P-44RD	7/6/2024 10:28:09 AM	101.7	101.8
CHIP44RS	P-44RS	7/6/2024 10:44:11 AM	118.6	118.8
CHIWP42R	P-42R	7/6/2024 10:52:14 AM	114.6	114.9
CHIWP043	P-43	7/6/2024 10:57:46 AM	113.7	113.7
CHIWP041	P-41	7/6/2024 11:09:01 AM	112.9	113.0
CHISW068	SW-68	7/8/2024 9:27:23 AM	93.6	93.7
CHISW032	SW-32	7/8/2024 9:33:33 AM	93.3	93.3
CHISW064	SW-64	7/8/2024 9:43:57 AM	98.6	100.4
CHSW1930	SW-1930	7/8/2024 10:24:20 AM	93.3	93.3
CHISW007	SW-7	7/8/2024 10:30:13 AM	86.5	86.6
CHISW025	SW-25	7/8/2024 10:34:46 AM	96.3	96.6
CCV2208A	CV-2208A	7/8/2024 10:59:24 AM	128.9	129.0
CCV2208A	CV-2208A	7/8/2024 11:08:48 AM	127.8	127.7
CCV24126	CV-24126	7/8/2024 11:36:58 AM	126.1	126.1
CHH1953N	H-1953N	7/8/2024 11:41:57 AM	115.7	116.3
CCV24127	CV-24127	7/8/2024 11:46:12 AM	120.6	120.6
CHIWA001	A-01	7/8/2024 1:28:58 PM	106.0	106.0
CHIWC003	C-03	7/8/2024 1:31:52 PM	114.2	114.6
CHIWA002	A-02	7/8/2024 1:35:03 PM	101.8	101.7
CHIWA003	A-03	7/8/2024 1:40:28 PM	108.6	108.7
CHIWA004	A-04	7/8/2024 1:43:39 PM	102.3	102.4
CHIWA005	A-05	7/8/2024 1:47:28 PM	114.1	114.4
CHIWC007	C-07	7/8/2024 1:50:10 PM	105.9	105.6
CHIWC008	C-08	7/8/2024 1:59:14 PM	108.3	108.8
CHIWC030	C-30	7/8/2024 2:12:52 PM	129.2	129.1
CHIWC010	C-10	7/8/2024 2:19:36 PM	116.0	116.4
CHISW115	SW-115	7/8/2024 2:22:15 PM	110.8	110.7
CHISW065	SW-65	7/8/2024 2:24:25 PM	118.0	118.7
CHIWC029	C-29	7/8/2024 2:26:23 PM	114.1	114.1
CHIWCV05	CV-05	7/8/2024 2:43:38 PM	105.7	105.8
CHIWCV04	CV-04	7/8/2024 2:48:29 PM	108.1	107.9
CHIWCV03	CV-03	7/8/2024 2:51:53 PM	119.3	119.3
CHIWCV02	CV-02	7/8/2024 2:56:54 PM	115.5	115.2
CHH2170S	H-2170S	7/8/2024 3:00:16 PM	97.6	97.5
CHWCV54S	CV-54S	7/8/2024 3:09:28 PM	141.9	141.9
CHWCV54D	CV-54D	7/8/2024 3:12:33 PM	107.2	107.1
CHWCV53D	CV-53D	7/8/2024 3:17:06 PM	137.3	137.2
CHWCV53D	CV-53D	7/8/2024 3:18:49 PM	135.1	135.4
CHWCV53S	CV-53S	7/8/2024 3:24:00 PM	127.1	127.2
CHWCV48R	CV-48R	7/8/2024 3:34:26 PM	110.9	111.0
CHIWH029	H-29	7/8/2024 3:48:41 PM	124.8	124.6
CHH2171S	H-2171S	7/8/2024 3:52:30 PM	120.1	120.1
CHH2170N	H-2170N	7/8/2024 3:55:30 PM	116.3	116.4
CHIWC015	C-15	7/8/2024 4:15:32 PM	104.0	104.0
CHIWC027	C-27	7/8/2024 4:20:57 PM	106.0	106.1

Attachment E - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWC012	C-12	7/8/2024 4:25:31 PM	97.7	97.6
CHISW032	SW-32	7/9/2024 9:29:51 AM	97.0	97.0
CHISW068	SW-68	7/9/2024 9:34:31 AM	97.6	97.8
CHISW064	SW-64	7/9/2024 9:43:05 AM	100.8	101.4
CHISW030	SW-30	7/9/2024 9:47:24 AM	102.3	102.6
CHSW1930	SW-1930	7/9/2024 10:13:43 AM	98.9	99.0
CHISW007	SW-7	7/9/2024 10:20:10 AM	93.6	93.3
CHISW025	SW-25	7/9/2024 10:24:57 AM	101.6	101.9
CHH1769S	H-1769S	7/9/2024 1:52:23 PM	106.6	106.5
CHISW007	SW-7	7/10/2024 8:39:07 AM	80.8	81.5
CHISW025	SW-25	7/10/2024 8:44:57 AM	88.4	88.6
CHSW1930	SW-1930	7/10/2024 8:52:05 AM	88.7	88.9
CHISW068	SW-68	7/10/2024 9:24:05 AM	96.8	97.1
CHISW032	SW-32	7/10/2024 9:28:33 AM	96.6	96.6
CCV24035	CV-24035	7/10/2024 9:30:53 AM	190.9	190.9
CHISW064	SW-64	7/10/2024 9:32:55 AM	101.3	104.5
CHISW030	SW-30	7/10/2024 9:37:57 AM	103.4	104.7
CHTC2174	TC-2174	7/10/2024 9:40:04 AM	173.1	173.0
CHH2057W	H-2057W	7/10/2024 9:47:28 AM	110.7	110.7
CCV24024	CV-24024-PLR	7/10/2024 9:47:59 AM	180.2	180.2
CHH1803N	H-1803N	7/10/2024 9:56:36 AM	181.7	182.2
CHIH101W	H-101W	7/10/2024 9:58:25 AM	107.1	103.9
CHH2053W	H-2053W	7/10/2024 10:02:14 AM	105.1	105.2
CCV24022	CV-24022	7/10/2024 10:08:53 AM	187.8	187.9
CCV24007	CV-24007	7/10/2024 10:16:09 AM	162.2	160.8
CHH1962N	H-1962N	7/10/2024 10:19:32 AM	168.9	168.9
CSC2001W	SC-2001W	7/10/2024 10:19:41 AM	108.0	107.9
CHH1401W	H-1401W	7/10/2024 10:23:04 AM	101.0	100.8
CCV24017	CV-24017	7/10/2024 10:25:07 AM	170.1	170.5
CHWH102A	H-102A	7/10/2024 10:27:02 AM	101.0	101.1
CCV24018	CV-24018	7/10/2024 10:28:56 AM	153.1	153.1
CHCV2308	CV-2308-PLR	7/10/2024 10:40:21 AM	180.8	179.6
CHWH104A	H-104A	7/10/2024 10:44:34 AM	110.8	110.7
CHWH104A	H-104A	7/10/2024 10:56:24 AM	110.3	110.3
CHIH1575	H-1575	7/10/2024 11:00:51 AM	109.3	109.3
CHH2059W	H-2059W	7/10/2024 11:05:35 AM	116.9	116.9
CHH2161W	H-2161W	7/10/2024 11:10:58 AM	113.9	113.9
CHCV2301	CV-2301	7/10/2024 11:24:05 AM	112.7	112.7
CHH1564N	H-1564N	7/10/2024 11:30:02 AM	181.7	181.3
CHCV2341	CV-2341	7/10/2024 11:47:07 AM	157.6	156.9
CCV24067	CV-24067	7/10/2024 5:02:07 PM	106.3	106.1
CCV24067	CV-24067	7/10/2024 5:04:51 PM	106.7	106.6
CCV24057	CV-24057	7/10/2024 5:13:43 PM	102.9	103.1
CCV24057	CV-24057	7/10/2024 5:16:07 PM	103.1	103.2
CHIWP036	P-36	7/11/2024 7:54:09 AM	115.8	115.8

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW072	SW-72	7/11/2024 8:05:15 AM	84.2	84.6
CHIWP034	P-34	7/11/2024 8:13:53 AM	118.8	118.8
CCV24122	CV-24122	7/11/2024 8:52:26 AM	130.1	130.1
CCV24122	CV-24122	7/11/2024 8:56:12 AM	130.1	130.2
CHCV2352	CV-2352	7/11/2024 8:57:58 AM	166.0	165.9
CHIWCV99	CV-99	7/11/2024 9:02:45 AM	115.9	116.2
CHCV2338	CV-2338	7/11/2024 9:03:45 AM	185.3	184.1
CCV24125	CV-24125	7/11/2024 9:12:50 AM	122.1	122.1
CHCV2353	CV-2353-PLR	7/11/2024 9:13:38 AM	191.0	191.0
CCV24130	CV-24130	7/11/2024 9:18:17 AM	122.9	122.8
CCV24129	CV-24129	7/11/2024 9:24:56 AM	123.6	124.0
CCV24128	CV-24128	7/11/2024 9:29:16 AM	119.4	119.4
CHWCV114	CV-114	7/11/2024 9:37:56 AM	99.0	101.1
CCV1534A	CV-1534A-PLR	7/11/2024 9:41:00 AM	195.0	195.0
CHSW1930	SW-1930	7/11/2024 9:42:23 AM	92.1	92.6
CHISW007	SW-7	7/11/2024 9:47:48 AM	86.1	86.0
CCV24142	CV-24142	7/11/2024 9:49:12 AM	177.9	177.7
CHISW025	SW-25	7/11/2024 9:52:28 AM	91.2	91.4
CHCV2334	CV-2334	7/11/2024 9:52:54 AM	131.5	131.6
CHCV2334	CV-2334	7/11/2024 9:54:11 AM	131.5	131.6
CCV24124	CV-24124	7/11/2024 9:59:54 AM	127.2	127.1
CHISW032	SW-32	7/11/2024 10:03:29 AM	96.0	96.0
CHISW068	SW-68	7/11/2024 10:07:55 AM	98.1	98.4
CCV24121	CV-24121	7/11/2024 10:10:31 AM	102.1	101.0
CCV24121	CV-24121	7/11/2024 10:11:58 AM	101.9	101.8
CHISW064	SW-64	7/11/2024 10:13:10 AM	105.5	106.7
CHCV2333	CV-2333	7/11/2024 10:35:42 AM	134.2	134.1
CHCV2333	CV-2333	7/11/2024 10:38:26 AM	134.3	134.3
CCV24120	CV-24120	7/11/2024 10:44:31 AM	102.2	103.4
CCV24120	CV-24120	7/11/2024 10:45:41 AM	104.4	104.5
CHTC2174	TC-2174	7/11/2024 10:52:19 AM	142.4	142.5
CHTC2174	TC-2174	7/11/2024 10:53:41 AM	142.8	142.8
CCV24023	CV-24023	7/11/2024 11:12:32 AM	113.8	113.8
CHIWH014	H-14 (EXP-14)	7/11/2024 11:28:33 AM	100.4	100.4
CCV24123	CV-24123	7/11/2024 11:41:02 AM	114.4	114.4
CHCV2204	CV-2204-PLR	7/11/2024 11:44:13 AM	192.2	192.3
CCV24147	CV-24147	7/11/2024 11:46:52 AM	120.8	121.0
CHCV2306	CV-2306	7/11/2024 11:49:09 AM	192.7	192.8
CHCV2206	CV-2206-PLR	7/11/2024 11:59:22 AM	198.0	198.0
CCV24131	CV-24131	7/11/2024 12:02:23 PM	133.9	133.8
CCV24131	CV-24131	7/11/2024 12:03:45 PM	133.8	133.7
CHH1954N	H-1954N	7/11/2024 1:49:52 PM	98.9	98.9
CHH1773A	H-1773A	7/11/2024 2:01:30 PM	127.1	126.7
CCV24015	CV-24015	7/11/2024 2:09:33 PM	135.5	135.1
CCV24015	CV-24015	7/11/2024 2:10:57 PM	135.5	135.7

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24010	CV-24010	7/11/2024 2:16:42 PM	114.8	114.8
CHCV2328	CV-2328	7/11/2024 2:21:27 PM	154.5	154.3
CCV24004	CV-24004	7/11/2024 2:26:34 PM	111.2	111.2
CCV24006	CV-24006	7/11/2024 2:28:41 PM	125.8	125.8
CHCV2304	CV-2304	7/11/2024 2:31:07 PM	176.1	176.2
CHH1769N	H-1769N	7/11/2024 2:36:38 PM	104.2	104.2
CCV24013	CV-24013	7/11/2024 2:41:56 PM	135.5	135.6
CCV24003	CV-24003	7/11/2024 2:42:25 PM	109.7	109.8
CCV24013	CV-24013	7/11/2024 2:45:36 PM	135.7	135.3
CHCV2203	CV-2203-PLR	7/11/2024 2:45:37 PM	189.0	189.0
CHH1770N	H-1770N	7/11/2024 2:47:39 PM	124.4	124.4
CCV24002	CV-24002	7/11/2024 2:52:47 PM	108.8	108.8
CCV24014	CV-24014	7/11/2024 2:57:07 PM	126.5	126.5
CHH1774N	H-1774N	7/11/2024 3:02:21 PM	112.3	112.3
CCV24001	CV-24001	7/11/2024 3:07:16 PM	110.6	110.6
CHH1966N	H-1966N	7/11/2024 3:14:07 PM	116.9	116.8
CHH1963N	H-1963N	7/11/2024 3:23:15 PM	141.6	141.6
CHH1963N	H-1963N	7/11/2024 3:25:57 PM	141.6	141.7
CHH2274W	H-2274W	7/11/2024 3:33:54 PM	114.6	115.0
CHH1756S	H-1756S	7/11/2024 3:41:38 PM	119.3	124.3
CHH1756S	H-1756S	7/11/2024 3:43:15 PM	126.4	126.6
CCV24042	CV-24042	7/11/2024 3:46:52 PM	161.6	162.1
CHH2273W	H-2273W	7/11/2024 3:48:42 PM	127.0	127.0
CCV24042	CV-24042	7/11/2024 3:50:02 PM	161.8	162.1
CCV24101	CV-24101	7/11/2024 3:50:39 PM	116.7	116.9
CHCV2350	CV-2350	7/11/2024 3:56:23 PM	125.4	118.2
CCV24100	CV-24100	7/11/2024 3:58:07 PM	124.5	124.6
CHCV2350	CV-2350	7/11/2024 3:58:32 PM	116.8	117.2
CCV24099	CV-24099	7/11/2024 4:04:20 PM	118.2	118.2
CCV24099	CV-24099	7/11/2024 4:04:29 PM	112.3	112.4
CCV24098	CV-24098	7/11/2024 4:06:28 PM	112.7	112.6
CHH1952N	H-1952N	7/11/2024 4:38:07 PM	144.6	144.6
CHH1952N	H-1952N	7/11/2024 4:39:33 PM	144.0	144.1
CHIWP010	P-10	7/12/2024 8:48:00 AM	88.5	88.5
CHISW025	SW-25	7/12/2024 8:48:54 AM	78.6	79.2
CHIWP011	P-11	7/12/2024 8:55:02 AM	106.9	106.9
CHISW007	SW-7	7/12/2024 8:56:58 AM	75.8	75.5
CHIWP012	P-12	7/12/2024 9:01:43 AM	83.2	83.2
CHSW1930	SW-1930	7/12/2024 9:05:36 AM	73.5	73.5
CHIWP013	P-13	7/12/2024 9:05:56 AM	79.7	79.7
CHIWP06R	P-06R	7/12/2024 9:12:38 AM	116.6	116.5
CHIWP005	P-05	7/12/2024 9:16:10 AM	103.1	103.1
CHISW068	SW-68	7/12/2024 9:19:24 AM	83.4	83.6
CHIWP08R	P-08R	7/12/2024 9:22:04 AM	100.4	100.4
CHISW032	SW-32	7/12/2024 9:24:27 AM	84.3	84.3

Attachment E - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWP014	P-14	7/12/2024 9:29:47 AM	81.6	81.6
CHISW064	SW-64	7/12/2024 9:34:02 AM	93.0	95.2
CHIWP014	P-14	7/12/2024 9:34:41 AM	81.6	81.6
CHISW030	SW-30	7/12/2024 9:39:00 AM	91.2	91.9
CHIWP15R	P-15R	7/12/2024 10:27:05 AM	98.5	98.4
CHIWP016	P-16	7/12/2024 10:31:53 AM	100.9	100.9
CHIWP079	P-79	7/12/2024 10:38:17 AM	92.4	91.5
CHIWP017	P-17	7/12/2024 10:46:12 AM	98.0	98.2
CHIP18RS	P-18RS	7/12/2024 10:52:59 AM	94.0	94.0
CHIP18RD	P-18RD	7/12/2024 10:55:57 AM	94.1	94.0
CHIWP019	P-19	7/12/2024 11:00:57 AM	87.7	87.7
CHIWP20R	P-20R	7/12/2024 11:08:39 AM	97.1	97.1
CHIWP021	P-21	7/12/2024 11:13:27 AM	93.8	93.7
CHIP21RS	P-21RS	7/12/2024 11:38:00 AM	95.6	95.6
CHIP21RS	P-21RS	7/12/2024 11:40:37 AM	94.9	94.8
CHIP21RD	P-21RD	7/12/2024 11:44:01 AM	104.1	104.1
CHIWP023	P-23	7/12/2024 11:47:28 AM	97.8	97.9
CHIWP024	P-24	7/12/2024 1:18:31 PM	91.9	91.8
CHISW071	SW-71	7/12/2024 1:22:24 PM	96.5	96.4
CHIWP026	P-26	7/12/2024 1:27:24 PM	101.7	101.7
CHIWP027	P-27	7/12/2024 1:31:28 PM	94.9	94.8
CHIWP028	P-28	7/12/2024 1:35:09 PM	97.9	97.9
CHIWP29R	P-29R	7/12/2024 1:41:02 PM	97.0	97.0
CHIWP30R	P-30R	7/12/2024 1:46:16 PM	88.9	88.8
CHIP32R1	P-32R1	7/12/2024 1:56:44 PM	118.9	118.8
CHIP32R2	P-32R2	7/12/2024 2:01:30 PM	122.9	122.9
CHIWP033	P-33	7/12/2024 2:06:23 PM	100.5	100.5
CHH2275W	H-2275W	7/12/2024 2:17:21 PM	92.6	92.7
CHIP45RS	P-45RS	7/12/2024 2:31:03 PM	110.5	110.5
CHCV2348	CV-2348	7/12/2024 2:34:20 PM	121.1	119.3
CHIP46RS	P-46RS	7/12/2024 2:35:43 PM	122.6	122.5
CHIWP047	P-47	7/12/2024 2:39:38 PM	119.7	119.7
CHIP22RS	P-22RS	7/12/2024 2:48:31 PM	116.1	117.4
CHH1563S	H-1563S	7/12/2024 2:49:47 PM	116.4	122.4
CHIP22RS	P-22RS	7/12/2024 2:50:24 PM	118.3	118.3
CHIP22RD	P-22RD	7/12/2024 2:52:32 PM	118.8	118.8
CHCV2347	CV-2347	7/12/2024 2:53:59 PM	104.1	104.1
CHCV2346	CV-2346	7/12/2024 2:58:27 PM	130.2	129.6
CHIWP048	P-48	7/12/2024 3:00:34 PM	121.8	121.4
CHH1757S	H-1757S	7/12/2024 3:04:16 PM	117.7	117.7
CHIP49RD	P-49RD	7/12/2024 3:06:33 PM	113.8	114.4
CHCV2345	CV-2345	7/12/2024 3:08:37 PM	102.0	101.9
CHCV2345	CV-2345	7/12/2024 3:09:58 PM	102.3	102.4
CHIP49RS	P-49RS	7/12/2024 3:12:25 PM	117.4	117.3
CHIWP071	P-71	7/12/2024 3:17:11 PM	114.3	114.2

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV1535	CV-1535	7/12/2024 3:45:45 PM	133.5	133.4
CHCV2344	CV-2344	7/12/2024 3:53:39 PM	126.8	126.6
CHH2274W	H-2274W	7/12/2024 4:14:45 PM	124.1	127.3
CV108-52	CV-108-52	7/12/2024 4:25:27 PM	133.7	133.7
CHCV2004	CV-2004	7/12/2024 4:34:51 PM	178.9	179.9
CCV24146	CV-24146	7/15/2024 8:59:30 AM	102.9	106.1
CCV24161	CV-24161	7/15/2024 9:23:59 AM	112.0	112.5
CCV24161	CV-24161	7/15/2024 9:25:17 AM	113.3	113.5
CCV24160	CV-24160	7/15/2024 9:42:37 AM	94.4	99.4
CCV24160	CV-24160	7/15/2024 9:44:35 AM	107.1	107.6
CCV24159	CV-24159	7/15/2024 9:53:01 AM	109.5	111.2
CHISW068	SW-68	7/15/2024 9:53:57 AM	96.9	97.3
CCV24159	CV-24159	7/15/2024 9:55:32 AM	111.8	111.8
CHISW030	SW-30	7/15/2024 9:58:43 AM	100.0	100.0
CHISW064	SW-64	7/15/2024 10:03:18 AM	101.3	102.3
CHH1574N	H-1574N	7/15/2024 10:06:38 AM	101.5	101.6
CHIWP053	P-53	7/15/2024 10:09:13 AM	108.9	109.5
CHIWB02R	B-02R	7/15/2024 10:19:13 AM	82.2	82.3
CCV24195	CV-24195	7/15/2024 10:24:19 AM	121.8	121.6
CHIWB03R	B-03R	7/15/2024 10:24:20 AM	96.1	96.1
CHIWB012	B-12	7/15/2024 10:28:41 AM	97.2	97.3
CCV24190	CV-24190	7/15/2024 10:34:20 AM	113.1	114.6
CHIWB006	B-06	7/15/2024 10:35:05 AM	86.4	86.4
CCV24190	CV-24190	7/15/2024 10:36:04 AM	115.2	115.2
CHIWB005	B-05	7/15/2024 10:39:33 AM	91.4	91.0
CHIWB008	B-08	7/15/2024 10:44:04 AM	92.8	92.6
CCV24192	CV-24192	7/15/2024 10:45:28 AM	120.9	121.0
CCV24192	CV-24192	7/15/2024 10:47:12 AM	121.1	121.2
CHIWB010	B-10	7/15/2024 10:49:26 AM	90.0	89.9
CHSW1930	SW-1930	7/15/2024 11:05:59 AM	95.0	95.0
CCV24080	CV-24080	7/15/2024 11:12:34 AM	122.9	123.0
CHISW025	SW-25	7/15/2024 11:12:52 AM	99.3	99.3
CCV24080	CV-24080	7/15/2024 11:14:19 AM	123.0	123.0
CHISW007	SW-7	7/15/2024 11:17:08 AM	89.5	89.5
CCV24189	CV-24189	7/15/2024 11:17:38 AM	117.6	117.6
CCV24191	CV-24191	7/15/2024 11:26:42 AM	104.7	103.8
CCV24188	CV-24188	7/15/2024 11:38:05 AM	115.4	115.4
CHWCV114	CV-114	7/15/2024 11:42:18 AM	99.5	100.4
CHIWB07R	B-07R	7/15/2024 12:52:16 PM	110.9	110.9
CHIWB07R	B-07R	7/15/2024 12:52:58 PM	111.5	111.5
CHIWB009	B-09	7/15/2024 12:56:39 PM	94.6	94.4
CHWCV114	CV-114	7/15/2024 1:09:01 PM	102.7	102.8
CCV24056	CV-24056	7/15/2024 1:14:56 PM	110.2	110.7
CHIWB013	B-13	7/15/2024 2:01:07 PM	108.6	108.5
CHIWB011	B-11	7/15/2024 2:06:58 PM	105.9	105.9

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWB014	B-14	7/15/2024 2:13:28 PM	100.0	100.0
CHIWB001	B-01	7/15/2024 2:25:11 PM	96.5	96.2
CHH1807S	H-1807S	7/15/2024 2:28:50 PM	103.6	104.5
CHIWC026	C-26	7/15/2024 2:39:08 PM	109.1	109.1
CHIWC025	C-25	7/15/2024 2:46:16 PM	117.2	117.3
CCV24193	CV-24193	7/15/2024 2:47:03 PM	114.5	116.8
CHIWCV06	CV-06	7/15/2024 3:44:40 PM	100.3	100.3
CHIWCV07	CV-07	7/15/2024 3:55:35 PM	100.0	100.0
CHISW032	SW-32	7/16/2024 9:56:08 AM	92.0	92.4
CHISW068	SW-68	7/16/2024 10:00:09 AM	90.8	91.3
CHISW030	SW-30	7/16/2024 10:20:37 AM	95.3	95.5
CHISW064	SW-64	7/16/2024 10:23:17 AM	96.7	96.8
CHSW1930	SW-1930	7/16/2024 10:37:57 AM	87.9	88.7
CHISW007	SW-7	7/16/2024 10:45:26 AM	86.1	86.1
CHISW025	SW-25	7/16/2024 10:50:59 AM	91.0	91.2
CHCV2322	CV-2322	7/16/2024 11:01:56 AM	94.2	94.2
CHCV2204	CV-2204-PLR	7/16/2024 11:15:19 AM	184.8	184.0
CHCV2306	CV-2306	7/16/2024 11:26:19 AM	193.3	193.3
CHCV2206	CV-2206-PLR	7/16/2024 11:44:50 AM	184.0	184.0
CHCV2308	CV-2308-PLR	7/16/2024 11:53:48 AM	145.7	145.9
CHIWC027	C-27	7/16/2024 11:56:37 AM	105.2	105.4
CCV24098	CV-24098	7/16/2024 12:27:04 PM	101.5	101.4
CHH1406W	H-1406W	7/16/2024 12:44:14 PM	102.7	102.7
CCV24023	CV-24023	7/16/2024 1:19:16 PM	102.8	99.3
CHH1564N	H-1564N	7/16/2024 2:42:49 PM	179.6	180.9
CHCV2328	CV-2328	7/16/2024 2:56:30 PM	155.6	155.6
CHCV2304	CV-2304	7/16/2024 3:07:06 PM	91.7	93.0
CHCV2203	CV-2203-PLR	7/16/2024 3:25:27 PM	186.0	92.6
CCV24011	CV-24011	7/16/2024 3:50:04 PM	129.6	129.7
CCV24011	CV-24011	7/16/2024 3:52:54 PM	129.7	129.7
CCV24100	CV-24100	7/16/2024 4:34:43 PM	111.3	111.9
CHH1573S	H-1573S	7/16/2024 5:50:04 PM	93.2	93.6
CHISW032	SW-32	7/17/2024 7:47:57 AM	87.0	87.0
CHISW068	SW-68	7/17/2024 7:54:20 AM	74.7	74.8
CHISW064	SW-64	7/17/2024 8:03:15 AM	73.2	73.3
CHISW030	SW-30	7/17/2024 8:09:39 AM	76.9	77.0
CHISW007	SW-7	7/17/2024 8:37:12 AM	77.0	77.1
CHISW025	SW-25	7/17/2024 8:42:18 AM	81.8	82.0
CHISW010	SW-10	7/17/2024 8:46:01 AM	78.1	78.2
CCV2010A	CV-2010A	7/17/2024 9:47:20 AM	133.3	133.3
CCV2010A	CV-2010A	7/17/2024 9:55:13 AM	133.7	132.9
CCV2010A	CV-2010A	7/17/2024 9:57:33 AM	132.8	132.7
CCV2010A	CV-2010A	7/17/2024 9:59:59 AM	132.6	132.6
CCV24035	CV-24035	7/17/2024 10:14:35 AM	191.1	190.8
CCV24119	CV-24119	7/17/2024 10:18:26 AM	95.1	95.5

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24119	CV-24119	7/17/2024 10:19:54 AM	96.5	96.5
CHTC2174	TC-2174	7/17/2024 10:23:34 AM	175.1	175.1
CCV24024	CV-24024-PLR	7/17/2024 10:31:52 AM	178.3	178.4
CHH1803N	H-1803N	7/17/2024 10:42:03 AM	181.6	181.5
CHCV1535	CV-1535	7/17/2024 10:59:58 AM	134.0	134.4
CHCV1535	CV-1535	7/17/2024 11:06:02 AM	135.0	133.7
CHCV2341	CV-2341	7/17/2024 11:50:51 AM	128.6	132.0
CCV24022	CV-24022	7/17/2024 2:14:33 PM	188.2	188.0
CHIWH079	H-79	7/17/2024 2:16:46 PM	113.4	113.5
CHIWH079	H-79	7/17/2024 2:18:37 PM	113.6	113.6
CCV24007	CV-24007	7/17/2024 2:22:23 PM	161.1	161.2
CHH1962N	H-1962N	7/17/2024 2:30:16 PM	162.7	162.9
CCV24017	CV-24017	7/17/2024 2:45:15 PM	148.5	148.2
CCV24018	CV-24018	7/17/2024 2:58:09 PM	136.3	137.1
CCV24137	CV-24137	7/17/2024 3:06:14 PM	101.1	101.2
CCV24137	CV-24137	7/17/2024 3:08:05 PM	101.6	101.6
CHCV2201	CV-2201-PLR	7/17/2024 3:08:58 PM	113.0	92.2
CHWCV55R	CV-55R	7/17/2024 3:18:14 PM	145.4	144.8
CHWCV55R	CV-55R	7/17/2024 3:21:04 PM	150.7	152.9
CHWCV55R	CV-55R	7/17/2024 3:24:17 PM	157.6	157.4
CHWCV55R	CV-55R	7/17/2024 3:29:18 PM	157.4	154.3
CHH1764S	H-1764S	7/17/2024 3:49:16 PM	114.3	116.3
CHCV2352	CV-2352	7/17/2024 3:52:29 PM	118.3	118.3
CHCV2338	CV-2338	7/17/2024 4:02:15 PM	161.7	160.9
CHIWCV06	CV-06	7/17/2024 4:17:06 PM	99.1	99.1
CHIWCV07	CV-07	7/17/2024 4:25:00 PM	101.7	101.9
CHIWCV07	CV-07	7/17/2024 4:27:51 PM	101.7	101.7
CHIWCV08	CV-08	7/17/2024 4:32:25 PM	115.6	115.6
CCV1902A	CV-1902A	7/18/2024 9:26:44 AM	196.9	197.0
CHCV2339	CV-2339	7/18/2024 9:40:39 AM	198.4	199.0
CHISW064	SW-64	7/18/2024 9:44:00 AM	93.6	93.7
CCV2342A	CV-2342A-PLR	7/18/2024 9:48:36 AM	190.7	190.8
CHISW030	SW-30	7/18/2024 9:48:37 AM	88.8	89.0
CHISW032	SW-32	7/18/2024 9:48:37 AM	88.8	89.0
CHISW068	SW-68	7/18/2024 9:53:17 AM	96.9	97.3
CHCV2353	CV-2353-PLR	7/18/2024 10:01:52 AM	171.0	171.0
CHISW032	SW-32	7/18/2024 10:02:06 AM	90.4	90.4
CHCV2004	CV-2004	7/18/2024 10:12:28 AM	157.9	159.2
CCV1534A	CV-1534A-PLR	7/18/2024 10:24:15 AM	192.3	192.2
CHSW1930	SW-1930	7/18/2024 10:30:04 AM	101.4	101.4
CHCV2003	CV-2003	7/18/2024 10:31:19 AM	135.6	135.4
CCV24142	CV-24142	7/18/2024 10:39:05 AM	184.0	183.9
CHISW007	SW-7	7/18/2024 10:53:05 AM	89.5	89.7
CHISW025	SW-25	7/18/2024 10:58:13 AM	98.9	99.3
CCV24042	CV-24042	7/18/2024 11:23:09 AM	136.0	136.1

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24211	CV-24211	7/18/2024 11:45:21 AM	129.7	128.6
CCV24212	CV-24212	7/18/2024 11:50:56 AM	105.3	105.5
CHH1952N	H-1952N	7/18/2024 2:00:00 PM	133.4	133.4
CCV24152	CV-24152	7/18/2024 2:12:00 PM	97.0	96.7
CCV24152	CV-24152	7/18/2024 2:13:00 PM	97.8	98.1
CHIWH010	H-10 (EXP-10)	7/18/2024 3:46:14 PM	123.0	123.0
CHIWH008	H-08 (EXP-08)	7/18/2024 3:55:36 PM	113.3	114.8
CHIWH004	H-04 (EXP-04)	7/18/2024 4:11:55 PM	137.6	137.5
CHIWH003	H-03 (EXP-03)	7/18/2024 4:17:34 PM	122.1	122.1
CHIWH002	H-02 (EXP-02)	7/18/2024 4:24:55 PM	119.7	119.9
CHISW064	SW-64	7/19/2024 8:26:58 AM	77.4	77.3
CHISW030	SW-30	7/19/2024 8:31:08 AM	78.1	78.2
CHISW068	SW-68	7/19/2024 8:37:01 AM	85.3	85.3
CHISW030	SW-30	7/19/2024 8:43:14 AM	78.3	82.0
CHSW1930	SW-1930	7/19/2024 9:01:53 AM	95.2	95.3
CHISW007	SW-7	7/19/2024 9:07:25 AM	85.9	86.4
CHISW025	SW-25	7/19/2024 9:11:21 AM	91.1	91.2
CHCV2321	CV-2321	7/19/2024 11:20:34 AM	98.4	98.4
CHH1771N	H-1771N	7/19/2024 11:40:46 AM	103.6	103.5
CHH2168C	H-2168C	7/19/2024 2:51:39 PM	103.7	103.8
CHH1956B	H-1956B	7/19/2024 2:54:21 PM	109.6	109.6
CHH2169B	H-2169B	7/19/2024 3:02:16 PM	96.4	96.4
CCV24109	CV-24109	7/19/2024 3:06:06 PM	116.6	116.7
CHH1805B	H-1805B	7/19/2024 3:11:33 PM	110.1	110.1
CHH2168E	H-2168E	7/19/2024 3:21:03 PM	111.9	111.9
CHH1957B	H-1957B	7/19/2024 3:24:23 PM	110.7	110.7
CHH1804B	H-1804B	7/21/2024 7:41:24 AM	88.2	88.6
CHH2169E	H-2169E	7/21/2024 7:46:36 AM	114.2	114.2
CHCV2205	CV-2205	7/21/2024 7:50:34 AM	121.1	121.3
CHH2166E	H-2166E	7/21/2024 7:55:09 AM	115.8	116.1
CHH2167E	H-2167E	7/21/2024 7:59:25 AM	83.3	83.7
CHIWCV94	CV-94	7/21/2024 8:03:43 AM	91.4	93.1
CHH1957A	H-1957A	7/21/2024 8:11:25 AM	77.5	77.6
CCV24112	CV-24112	7/21/2024 8:14:33 AM	122.9	123.1
CHH1806A	H-1806A	7/21/2024 8:17:42 AM	117.9	117.9
CHCV2207	CV-2207	7/21/2024 8:22:26 AM	124.2	124.2
CCV24092	CV-24092	7/21/2024 8:23:26 AM	104.5	104.9
CHCV1905	CV-1905	7/21/2024 8:27:54 AM	102.7	102.8
CHH2166C	H-2166C	7/21/2024 8:28:57 AM	110.2	110.2
CHH2301E	H-2301E	7/21/2024 8:31:00 AM	112.8	112.8
CHH1763N	H-1763N	7/21/2024 8:31:23 AM	106.6	106.7
CHH1763N	H-1763N	7/21/2024 8:34:47 AM	106.8	106.7
CHCV2010	CV-2010	7/21/2024 8:34:58 AM	129.3	128.9
CHWCV85S	CV-85S	7/21/2024 8:43:16 AM	101.4	101.4
CHH1958C	H-1958C	7/21/2024 8:50:20 AM	116.6	116.4

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1807A	H-1807A	7/21/2024 8:53:48 AM	113.6	113.8
CHH1762N	H-1762N	7/21/2024 8:56:57 AM	91.1	91.7
CHCV2012	CV-2012	7/21/2024 9:02:57 AM	129.2	129.4
CHH2305S	H-2305S	7/21/2024 9:04:09 AM	120.5	121.1
CHCV2012	CV-2012	7/21/2024 9:05:27 AM	129.3	129.4
CCV24207	CV-24207	7/21/2024 9:05:42 AM	119.5	119.9
CCV24207	CV-24207	7/21/2024 9:08:24 AM	121.8	121.9
CHH1408E	H-1408E	7/21/2024 9:13:25 AM	99.9	99.9
CHH1568N	H-1568N	7/21/2024 9:16:53 AM	92.4	92.4
CHH1565E	H-1565E	7/21/2024 9:22:19 AM	102.3	102.7
CCV24162	CV-24162	7/21/2024 9:36:09 AM	102.4	103.1
CCV24110	CV-24110	7/21/2024 9:37:26 AM	122.3	121.7
CHH2304S	H-2304S	7/21/2024 9:40:51 AM	122.2	122.5
CHH1572N	H-1572N	7/21/2024 9:42:05 AM	126.4	126.5
CHCV2324	CV-2324	7/21/2024 9:43:36 AM	127.5	127.5
CHH1802S	H-1802S	7/21/2024 9:45:23 AM	130.1	130.3
CHH1957B	H-1957B	7/21/2024 9:47:46 AM	108.8	108.8
CHWCV79R	CV-79R	7/21/2024 9:50:54 AM	128.2	128.5
CCV2011A	CV-2011A	7/21/2024 9:53:32 AM	145.0	145.1
CHH1956S	H-1956S	7/21/2024 9:54:01 AM	112.6	112.8
CCV2011A	CV-2011A	7/21/2024 9:56:17 AM	144.7	144.8
CHH1805S	H-1805S	7/21/2024 9:58:35 AM	130.5	130.8
CHH2276E	H-2276E	7/21/2024 10:02:20 AM	120.2	120.4
CCV24210	CV-24210	7/21/2024 10:06:56 AM	114.3	114.9
CHH1804S	H-1804S	7/21/2024 10:11:07 AM	107.8	108.3
CHWCV57R	CV-57R	7/21/2024 10:13:30 AM	125.6	125.7
CHH1764N	H-1764N	7/21/2024 10:16:54 AM	106.9	106.8
CCV24108	CV-24108	7/21/2024 10:23:39 AM	120.8	120.8
CHH1958S	H-1958S	7/21/2024 10:28:18 AM	124.3	124.4
CCV24107	CV-24107	7/21/2024 10:33:11 AM	111.9	112.9
CCV24118	CV-24118	7/21/2024 10:36:50 AM	127.6	127.0
CCV24197	CV-24197	7/21/2024 10:37:50 AM	118.2	118.4
CHH1806S	H-1806S	7/21/2024 10:41:02 AM	112.3	112.4
CCV24106	CV-24106	7/21/2024 10:43:15 AM	126.0	126.1
CHH1961E	TC-1961E	7/21/2024 10:44:54 AM	121.9	121.9
CHH1409N	H-1409N	7/21/2024 10:51:52 AM	105.7	105.7
CHCV1703	CV-1703	7/21/2024 10:53:43 AM	128.1	128.2
CHH2276B	H-2276B	7/21/2024 10:55:02 AM	107.1	107.3
CCV24117	CV-24117	7/21/2024 10:59:05 AM	119.0	119.1
CHH2274B	H-2274B	7/21/2024 10:59:57 AM	117.2	117.3
CHH1568S	H-1568S	7/21/2024 11:04:10 AM	103.8	103.9
CHH2274E	H-2274E	7/21/2024 11:08:47 AM	103.6	103.4
CHH2275C	H-2275C	7/21/2024 11:10:00 AM	117.5	117.6
CHH1572S	H-1572S	7/21/2024 11:13:32 AM	110.5	113.7
CHCV1604	CV-1604	7/21/2024 11:17:02 AM	128.5	128.5

Attachment E - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH2273C	H-2273C	7/21/2024 11:18:07 AM	113.7	113.7
CHH1571S	H-1571S	7/21/2024 11:20:25 AM	127.6	127.7
CHH1764S	H-1764S	7/21/2024 11:23:06 AM	121.1	124.7
CHH1961C	TC-1961C	7/21/2024 11:30:26 AM	121.3	121.2
CHH2306N	H-2306N	7/21/2024 11:42:06 AM	104.1	104.1
CCV24029	CV-24029	7/21/2024 1:07:21 PM	110.9	110.7
CHH1804A	H-1804A	7/21/2024 1:28:18 PM	114.7	115.0
CHH1804A	H-1804A	7/21/2024 1:30:08 PM	110.2	111.3
CHCV2319	CV-2319	7/21/2024 1:36:44 PM	131.2	131.3
CHH1954C	H-1954C	7/21/2024 1:40:13 PM	116.4	113.0
CHCV2305	CV-2305	7/21/2024 1:44:33 PM	106.8	106.8
CHH1967E	H-1967E	7/21/2024 1:45:59 PM	109.5	110.0
CHH2167A	H-2167A	7/21/2024 1:47:52 PM	107.2	107.3
CHIWD010	D-10	7/21/2024 1:50:05 PM	109.3	109.5
CHCV1426	CV-1426	7/21/2024 1:50:31 PM	108.4	108.5
CHH2057E	H-2057E	7/21/2024 1:52:39 PM	128.4	128.4
CHH2053E	H-2053E	7/21/2024 1:55:16 PM	125.5	125.6
CHH2059E	H-2059E	7/21/2024 2:06:10 PM	106.8	106.9
CHH1401E	H-1401E	7/21/2024 2:10:13 PM	110.3	110.5
CHH2161E	H-2161E	7/21/2024 2:16:39 PM	118.5	118.8
CHH1410S	H-1410S	7/21/2024 2:30:48 PM	106.4	106.0
CHH1410S	H-1410S	7/21/2024 2:32:53 PM	105.6	105.7
CHH1410S	H-1410S	7/21/2024 2:34:29 PM	106.0	106.2
CHH2163E	H-2163E	7/21/2024 2:39:33 PM	107.3	107.3
CCV24115	CV-24115	7/21/2024 2:43:07 PM	118.2	118.2
CH1408CR	H-1408CR	7/21/2024 2:53:12 PM	115.0	115.0
CHH1402C	H-1402C	7/21/2024 3:06:24 PM	123.2	123.3
CCV24102	CV-24102	7/21/2024 3:09:05 PM	110.2	110.3
CHH2272W	H-2272W	7/21/2024 3:13:58 PM	121.9	121.9
CHH2164A	H-2164A	7/21/2024 3:21:48 PM	114.9	115.5
CCV24093	CV-24093	7/21/2024 3:33:54 PM	109.0	108.9
CHH1954S	H-1954S	7/21/2024 3:38:23 PM	102.6	104.1
CHH1954S	H-1954S	7/21/2024 3:43:17 PM	104.1	103.9
CHH1953S	H-1953S	7/21/2024 3:51:53 PM	109.7	109.7
CHH2276A	H-2276A	7/21/2024 3:57:32 PM	104.9	104.9
CCV24175	CV-24175	7/21/2024 4:02:30 PM	109.7	109.8
CCV24085	CV-24085	7/21/2024 4:08:41 PM	107.4	107.4
CCV24085	CV-24085	7/21/2024 4:10:10 PM	107.4	107.4
CHH1769S	H-1769S	7/21/2024 4:14:55 PM	108.4	108.7
CCV24170	CV-24170	7/21/2024 4:20:25 PM	124.0	124.3
CCV24080	CV-24080	7/21/2024 4:25:31 PM	117.7	117.7
CHISW154	SW-154	7/22/2024 9:34:10 AM	103.0	102.9
CHISW066	SW-66	7/22/2024 9:36:29 AM	93.3	93.3
CHH2169W	H-2169W	7/22/2024 9:36:53 AM	102.2	102.2
CCV24072	CV-24072	7/22/2024 9:45:57 AM	101.4	101.9

Attachment E - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW064	SW-64	7/22/2024 9:46:26 AM	90.5	90.9
CHIWH001	H-01 (EXP-01)	7/22/2024 9:49:55 AM	106.4	107.1
CHISW030	SW-30	7/22/2024 9:51:37 AM	89.9	89.8
CHH1965S	H-1965S	7/22/2024 9:53:32 AM	98.6	98.6
CHISW068	SW-68	7/22/2024 9:56:10 AM	99.4	99.7
CHISW080	SW-80	7/22/2024 9:57:26 AM	103.9	103.9
CHISW030	SW-30	7/22/2024 10:00:31 AM	101.0	101.0
CHIWC018	C-18	7/22/2024 10:06:34 AM	109.3	109.7
CHIWC023	C-23	7/22/2024 10:08:38 AM	113.7	113.8
CHH2163W	H-2163W	7/22/2024 10:11:49 AM	113.7	113.7
CHIWC020	C-20	7/22/2024 10:13:11 AM	106.0	105.7
CHH1408W	H-1408W	7/22/2024 10:15:41 AM	101.3	101.4
CHIWC019	C-19	7/22/2024 10:18:35 AM	104.1	104.3
CHCV2001	CV-2001	7/22/2024 10:19:53 AM	121.5	121.7
CHH2054W	H-2054W	7/22/2024 10:19:53 AM	120.4	120.4
CHIWC024	C-24	7/22/2024 10:22:10 AM	106.2	106.6
CHH1403W	H-1403W	7/22/2024 10:32:06 AM	95.7	95.8
CHSW1930	SW-1930	7/22/2024 10:36:31 AM	106.9	107.4
CHSW1455	SW-1455	7/22/2024 10:39:41 AM	102.9	102.9
CHIWC17A	C-17A	7/22/2024 10:40:07 AM	109.3	109.3
CHIWC17B	C-17B	7/22/2024 10:42:42 AM	109.9	110.2
CHISW007	SW-7	7/22/2024 10:43:28 AM	96.0	96.2
CSW17135	SW-17-135	7/22/2024 10:45:18 AM	105.4	105.3
CHISW025	SW-25	7/22/2024 10:46:35 AM	102.3	102.4
CHSW1445	SW-1445	7/22/2024 10:48:08 AM	100.4	100.4
CHIWCV25	CV-25	7/22/2024 10:52:59 AM	117.1	117.2
CTC2383S	TC-2383S	7/22/2024 10:58:32 AM	111.3	111.3
CHH2171B	H-2171B	7/22/2024 11:00:27 AM	114.6	114.7
CHH1574N	H-1574N	7/22/2024 11:01:59 AM	119.2	119.5
CHH1574N	H-1574N	7/22/2024 11:03:41 AM	120.4	120.4
CCV24144	CV-24144	7/22/2024 11:07:30 AM	104.9	104.9
CHH2171A	H-2171A	7/22/2024 11:11:05 AM	106.8	106.8
CHH1766S	H-1766S	7/22/2024 11:13:58 AM	111.9	111.9
CCV24133	CV-24133	7/22/2024 11:17:13 AM	103.1	104.0
CCV24133	CV-24133	7/22/2024 11:18:31 AM	106.0	106.0
CHH1766S	H-1766S	7/22/2024 11:21:37 AM	112.6	112.6
CHIWH031	H-31	7/22/2024 11:26:08 AM	116.9	117.0
CHH1405W	H-1405W	7/22/2024 11:27:49 AM	110.2	110.2
CHIWH031	H-31	7/22/2024 11:28:13 AM	117.4	117.4
CHH2055E	H-2055E	7/22/2024 11:55:01 AM	125.8	125.8
CHH2272C	H-2272C	7/22/2024 11:58:16 AM	114.5	114.6
CHH2164E	H-2164E	7/22/2024 12:05:45 PM	125.8	126.0
CHCV1605	CV-1605	7/22/2024 12:10:42 PM	111.3	111.3
CCV24143	CV-24143	7/22/2024 1:48:10 PM	109.7	110.2
CCV24143	CV-24143	7/22/2024 1:49:56 PM	111.6	111.7

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1956N	H-1956N	7/22/2024 1:56:24 PM	112.8	113.0
CHH1806N	H-1806N	7/22/2024 2:00:15 PM	128.0	128.0
CCV24136	CV-24136	7/22/2024 2:08:21 PM	120.7	121.1
CHCV2344	CV-2344	7/22/2024 2:15:50 PM	123.5	123.7
CHH1807N	H-1807N	7/22/2024 2:23:25 PM	125.3	125.3
CHH1807N	H-1807N	7/22/2024 2:24:51 PM	125.3	125.3
CHICV33S	CV-33S	7/22/2024 2:27:11 PM	120.1	120.1
CHH1958N	H-1958N	7/22/2024 2:33:45 PM	118.0	118.0
CHH1958N	H-1958N	7/22/2024 2:34:33 PM	118.1	118.1
CCV24142	CV-24142	7/22/2024 2:47:57 PM	154.5	153.7
CCV24104	CV-24104	7/22/2024 2:49:28 PM	115.3	115.1
CCV24142	CV-24142	7/22/2024 2:51:43 PM	152.5	152.2
CHCV2316	CV-2316	7/22/2024 2:51:48 PM	138.7	138.8
CHH2164B	H-2164B	7/22/2024 2:59:43 PM	112.7	111.3
CCV2009A	CV-2009A	7/22/2024 3:02:30 PM	125.7	125.8
CHH2162B	H-2162B	7/22/2024 3:03:21 PM	118.3	118.3
CHH1805A	H-1805A	7/22/2024 3:17:21 PM	122.7	122.8
CHCV2350	CV-2350	7/22/2024 3:19:01 PM	110.3	110.3
CHCV1424	CV-1424	7/22/2024 3:19:38 PM	121.1	121.4
CHH1955C	H-1955C	7/22/2024 3:24:08 PM	113.7	113.8
CCV24111	CV-24111	7/22/2024 3:28:11 PM	112.1	112.3
CCV24099	CV-24099	7/22/2024 3:28:13 PM	113.7	113.7
CHCV2353	CV-2353-PLR	7/22/2024 4:00:40 PM	147.2	147.2
CCV24167	CV-24167	7/22/2024 4:21:20 PM	108.2	114.8
CHISW068	SW-68	7/23/2024 9:15:48 AM	94.9	95.4
CHISW032	SW-32	7/23/2024 9:20:45 AM	97.0	97.0
CHISW064	SW-64	7/23/2024 9:26:14 AM	90.9	91.2
CHISW030	SW-30	7/23/2024 9:31:18 AM	91.6	91.7
CCV24053	CV-24053	7/23/2024 9:46:14 AM	107.7	107.8
CCV24052	CV-24052	7/23/2024 9:50:46 AM	108.4	109.7
CCV24046	CV-24046	7/23/2024 9:55:13 AM	110.3	113.2
CCV24045	CV-24045	7/23/2024 10:01:52 AM	119.2	119.4
CHSW1930	SW-1930	7/23/2024 10:06:21 AM	100.5	100.6
CCV24044	CV-24044	7/23/2024 10:07:47 AM	107.0	107.8
CHISW007	SW-7	7/23/2024 10:12:00 AM	96.5	96.3
CCV24037	CV-24037	7/23/2024 10:13:39 AM	117.7	118.0
CHISW025	SW-25	7/23/2024 10:16:35 AM	100.7	100.8
CCV24040	CV-24040	7/23/2024 10:21:40 AM	104.2	104.1
CCV24040	CV-24040	7/23/2024 10:22:48 AM	103.5	103.4
CCV24028	CV-24028	7/23/2024 10:30:35 AM	126.5	126.4
CCV24028	CV-24028	7/23/2024 10:31:54 AM	127.4	127.5
CCV24012	CV-24012	7/23/2024 10:39:11 AM	99.3	99.0
CCV24012	CV-24012	7/23/2024 10:47:38 AM	142.6	142.8
CCV24012	CV-24012	7/23/2024 10:50:25 AM	143.0	143.3
CHH1770A	H-1770A	7/23/2024 10:54:42 AM	155.8	155.9

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24016	CV-24016	7/23/2024 10:58:10 AM	116.5	116.8
CHCV2326	CV-2326	7/23/2024 11:08:34 AM	97.3	97.3
CHCV2335	CV-2335	7/23/2024 11:15:18 AM	107.1	108.2
CHCV2336	CV-2336	7/23/2024 11:23:24 AM	103.6	103.6
CHCV1901	CV-1901	7/23/2024 11:28:50 AM	120.1	120.4
CHCV1607	CV-1607	7/23/2024 11:34:01 AM	121.6	121.7
CHCV2006	CV-2006	7/23/2024 11:38:13 AM	137.0	138.5
CHCV2006	CV-2006	7/23/2024 11:40:56 AM	137.0	136.7
CCV24140	CV-24140	7/23/2024 11:46:47 AM	141.0	143.6
CCV24140	CV-24140	7/23/2024 11:47:57 AM	143.9	143.9
CCV24139	CV-24139	7/23/2024 11:53:18 AM	132.7	132.7
CCV24139	CV-24139	7/23/2024 11:56:29 AM	132.7	132.5
CCV24138	CV-24138	7/23/2024 12:04:40 PM	105.7	105.7
CCV24138	CV-24138	7/23/2024 12:10:37 PM	105.9	105.9
CCV24141	CV-24141	7/23/2024 3:17:46 PM	110.8	111.9
CCV24141	CV-24141	7/23/2024 3:19:47 PM	112.5	112.8
CHCV2319	CV-2319	7/23/2024 4:02:57 PM	123.8	124.0
CHSW1930	SW-1930	7/24/2024 8:24:28 AM	84.6	84.7
CHISW025	SW-25	7/24/2024 8:29:50 AM	82.8	82.9
CHISW007	SW-7	7/24/2024 8:34:15 AM	82.3	82.3
CHISW032	SW-32	7/24/2024 8:42:31 AM	86.0	85.0
CHISW068	SW-68	7/24/2024 8:46:21 AM	87.9	88.2
CCV24120	CV-24120	7/24/2024 8:53:05 AM	87.8	89.1
CCV24120	CV-24120	7/24/2024 8:57:24 AM	90.0	91.1
CCV24131	CV-24131	7/24/2024 9:13:11 AM	129.7	129.7
CHH1564N	H-1564N	7/24/2024 9:32:50 AM	181.5	181.5
CHCV2339	CV-2339	7/24/2024 9:51:09 AM	187.7	187.6
CHCV2306	CV-2306	7/24/2024 9:56:33 AM	193.4	193.4
CCV1902A	CV-1902A	7/24/2024 9:57:17 AM	177.6	177.8
CHCV2338	CV-2338	7/24/2024 10:07:00 AM	166.6	166.2
CHCV2308	CV-2308-PLR	7/24/2024 10:20:16 AM	177.5	177.5
CCV24151	CV-24151	7/24/2024 10:24:05 AM	105.4	106.4
CHCV2201	CV-2201-PLR	7/24/2024 10:29:38 AM	198.3	198.3
CHCV2353	CV-2353-PLR	7/24/2024 10:48:00 AM	160.0	160.0
CHISW030	SW-30	7/24/2024 10:50:08 AM	96.5	96.2
CHISW064	SW-64	7/24/2024 10:54:04 AM	97.1	97.1
CCV2342A	CV-2342A-PLR	7/24/2024 10:58:00 AM	191.8	191.4
CCV24196	CV-24196	7/24/2024 11:00:58 AM	125.6	125.6
CCV24196	CV-24196	7/24/2024 11:05:23 AM	124.2	124.9
CHCV2004	CV-2004	7/24/2024 11:08:22 AM	160.0	160.0
CCV24194	CV-24194	7/24/2024 11:18:15 AM	122.8	122.8
CCV1534A	CV-1534A-PLR	7/24/2024 11:20:46 AM	183.0	182.5
CCV24142	CV-24142	7/24/2024 11:28:17 AM	162.6	162.5
CHIWVL02	VL-02	7/24/2024 1:48:30 PM	107.0	107.0
CHIWD002	D-02	7/24/2024 1:54:26 PM	109.0	109.0

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWD003	D-03	7/24/2024 1:56:38 PM	108.5	108.5
CHIWD004	D-04	7/24/2024 2:01:46 PM	104.9	105.0
CHIWD001	D-01	7/24/2024 2:09:07 PM	108.9	109.0
CHIWD005	D-05	7/24/2024 2:14:44 PM	113.9	114.0
CHIWD005	D-05	7/24/2024 2:31:30 PM	115.0	115.0
CHCV2204	CV-2204-PLR	7/24/2024 2:32:24 PM	176.7	173.7
CHH2306S	H-2306S	7/24/2024 2:38:11 PM	114.4	114.4
CHH2050E	H-2050E	7/24/2024 2:40:58 PM	127.7	127.7
CHCV2206	CV-2206-PLR	7/24/2024 2:46:15 PM	160.0	160.0
CCV24022	CV-24022	7/24/2024 2:59:18 PM	188.7	188.6
CCV24017	CV-24017	7/24/2024 3:07:57 PM	138.5	138.9
CHCV2203	CV-2203-PLR	7/24/2024 3:22:08 PM	187.0	187.0
CHCV2354	CV-2354	7/24/2024 3:31:35 PM	128.9	129.9
CCV24095	CV-24095	7/24/2024 3:38:00 PM	107.9	107.8
CHCV2349	CV-2349	7/24/2024 3:40:16 PM	119.1	119.4
CCV24096	CV-24096	7/24/2024 3:44:53 PM	110.2	110.5
CHH1560S	H-1560S	7/24/2024 3:55:12 PM	116.1	116.4
CCV24099	CV-24099	7/24/2024 3:58:20 PM	118.8	119.1
CCV24099	CV-24099	7/24/2024 3:58:21 PM	118.8	119.1
CHCV2001	CV-2001	7/24/2024 4:03:14 PM	139.8	140.0
CHCV2001	CV-2001	7/24/2024 4:06:21 PM	140.9	140.8
CHH2165W	H-2165W	7/24/2024 4:11:34 PM	126.3	129.3
CHH2165W	H-2165W	7/24/2024 4:13:03 PM	135.0	135.0
CHH1755S	H-1755S	7/24/2024 4:26:39 PM	113.5	113.5
CHISW068	SW-68	7/25/2024 5:52:27 AM	70.6	70.5
CHISW030	SW-30	7/25/2024 5:57:13 AM	68.0	81.6
CHISW032	SW-32	7/25/2024 5:57:13 AM	68.0	81.6
CHISW064	SW-64	7/25/2024 6:01:16 AM	73.9	73.9
CHISW030	SW-30	7/25/2024 6:05:43 AM	74.4	74.5
CHISW007	SW-7	7/25/2024 6:16:06 AM	76.9	76.9
CHISW025	SW-25	7/25/2024 6:19:41 AM	75.3	75.0
CHSW1930	SW-1930	7/25/2024 6:24:31 AM	70.4	70.4
CCV24035	CV-24035	7/25/2024 9:23:59 AM	192.4	192.0
CHH1806B	H-1806B	7/25/2024 9:29:06 AM	110.5	110.5
CHTC2174	TC-2174	7/25/2024 9:32:19 AM	119.0	118.3
CHH1801S	H-1801S	7/25/2024 9:34:46 AM	128.4	128.4
CCV24173	CV-24173	7/25/2024 9:35:15 AM	97.8	97.9
CCV24024	CV-24024-PLR	7/25/2024 9:35:48 AM	180.3	180.3
CHH1957S	H-1957S	7/25/2024 9:37:59 AM	125.3	125.5
CCV24086	CV-24086	7/25/2024 9:46:08 AM	117.9	118.0
CHH1803N	H-1803N	7/25/2024 9:49:14 AM	181.7	181.3
CCV24087	CV-24087	7/25/2024 9:57:02 AM	107.6	107.6
CCV24007	CV-24007	7/25/2024 10:01:25 AM	152.2	152.2
CHIWD009	D-09	7/25/2024 10:03:28 AM	115.5	115.5
CHH2058E	H-2058E	7/25/2024 10:05:59 AM	120.9	120.9

Attachment E - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH2160E	H-2160E	7/25/2024 10:10:04 AM	120.2	120.2
CHH1962N	H-1962N	7/25/2024 10:13:10 AM	160.0	97.7
CHH2303N	H-2303N	7/25/2024 10:13:47 AM	97.8	97.9
CSC2000E	SC-2000E	7/25/2024 10:13:56 AM	115.8	115.8
CHH1770A	H-1770A	7/25/2024 10:16:47 AM	141.1	141.2
CHH1952S	H-1952S	7/25/2024 10:26:32 AM	118.6	118.7
CHH2309S	H-2309S	7/25/2024 10:27:23 AM	108.1	108.1
CCV24088	CV-24088	7/25/2024 10:34:02 AM	118.8	118.8
CHH2169C	H-2169C	7/25/2024 10:41:19 AM	96.4	96.4
CHCV2328	CV-2328	7/25/2024 10:45:35 AM	153.9	153.9
CHCV2011	CV-2011	7/25/2024 10:50:55 AM	125.3	125.4
CHIWD005	D-05	7/25/2024 11:38:07 AM	110.2	111.6
CHWCV55R	CV-55R	7/25/2024 11:53:51 AM	152.6	153.2
CCV24082	CV-24082	7/25/2024 1:43:48 PM	109.3	101.7
CHIWH048	H-48	7/25/2024 1:45:25 PM	108.9	108.8
CCV24082	CV-24082	7/25/2024 1:46:31 PM	103.0	103.0
CHIWH048	H-48	7/25/2024 1:47:07 PM	108.7	108.5
CHH2058W	H-2058W	7/25/2024 2:02:55 PM	107.9	107.8
CCV24061	CV-24061	7/25/2024 2:04:07 PM	102.7	102.7
CCV24061	CV-24061	7/25/2024 2:07:56 PM	102.7	102.7
CHH2058W	H-2058W	7/25/2024 2:08:26 PM	108.0	108.0
CHH2056W	H-2056W	7/25/2024 2:15:24 PM	103.1	103.1
CHH2056W	H-2056W	7/25/2024 2:16:20 PM	103.2	103.2
CHH2051W	H-2051W	7/25/2024 2:24:05 PM	99.5	99.4
CHH2051W	H-2051W	7/25/2024 2:26:06 PM	99.4	99.4
CHCV2302	CV-2302	7/25/2024 2:26:07 PM	120.0	120.0
CHH2307S	H-2307S	7/25/2024 2:29:49 PM	119.0	119.0
CHH2303S	H-2303S	7/25/2024 2:32:14 PM	114.1	114.1
CHH1967W	H-1967W	7/25/2024 2:46:28 PM	97.9	97.8
CHH1967W	H-1967W	7/25/2024 2:47:55 PM	97.7	97.7
CCV24156	CV-24156	7/25/2024 2:58:45 PM	125.7	125.7
CHIWC001	C-01	7/25/2024 3:08:46 PM	120.4	119.7
CCV24158	CV-24158	7/25/2024 3:36:52 PM	117.0	117.8
CHISW068	SW-68	7/26/2024 5:24:06 AM	78.1	78.5
CHISW032	SW-32	7/26/2024 5:28:59 AM	71.9	71.9
CHISW064	SW-64	7/26/2024 5:33:36 AM	72.8	72.8
CHISW030	SW-30	7/26/2024 5:40:42 AM	72.9	73.0
CHISW025	SW-25	7/26/2024 6:09:41 AM	73.4	73.4
CHISW007	SW-7	7/26/2024 6:14:20 AM	76.1	76.4
CHSW1930	SW-1930	7/26/2024 6:22:12 AM	69.9	69.9
CCV24061	CV-24061	7/26/2024 6:51:29 AM	107.8	107.8
CCV24061	CV-24061	7/26/2024 6:54:16 AM	107.0	107.0
CCV24078	CV-24078	7/26/2024 7:29:26 AM	79.8	79.9
CCV24078	CV-24078	7/26/2024 7:34:11 AM	80.5	80.7
CHH1760S	H-1760S	7/26/2024 8:07:42 AM	107.7	107.7

Attachment E - Well Temperature Data
July 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24174	CV-24174	7/26/2024 8:13:51 AM	103.9	103.9
CCV24089	CV-24089	7/26/2024 8:31:33 AM	115.2	117.6
CHH1404C	H-1404C	7/26/2024 8:37:32 AM	120.3	120.4
CCV24091	CV-24091	7/26/2024 10:38:33 AM	115.6	115.6
CCV24152	CV-24152	7/26/2024 1:12:56 PM	112.6	112.6
CHCV1425	CV-1425	7/26/2024 1:34:26 PM	128.3	128.3
CHCV1422	CV-1422	7/26/2024 2:01:32 PM	98.3	98.4
CCV24008	CV-24008	7/26/2024 2:25:49 PM	121.6	121.8
CCV24019	CV-24019	7/26/2024 2:38:03 PM	154.4	154.4
CCV24019	CV-24019	7/26/2024 2:40:34 PM	154.8	154.8
CCV24009	CV-24009	7/26/2024 2:48:56 PM	122.4	122.5
CCV24203	CV-24203	7/27/2024 1:40:50 PM	128.7	128.7
CHISW030	SW-30	7/29/2024 5:44:44 AM	70.3	69.9
CHISW064	SW-64	7/29/2024 5:49:58 AM	68.0	67.7
CHISW064	SW-64	7/29/2024 5:51:39 AM	67.4	67.4
CHISW068	SW-68	7/29/2024 5:57:08 AM	75.5	75.7
CHISW032	SW-32	7/29/2024 6:01:02 AM	66.6	66.6
CHSW1930	SW-1930	7/29/2024 6:07:37 AM	58.2	57.7
CHISW007	SW-7	7/29/2024 6:13:14 AM	72.9	73.9
CHISW025	SW-25	7/29/2024 6:18:38 AM	68.7	68.8
CHCV2315	CV-2315	7/29/2024 8:52:44 AM	156.1	156.4
CCV24190	CV-24190	7/29/2024 9:01:14 AM	115.3	115.3
CCV24062	CV-24062	7/29/2024 9:07:27 AM	125.8	124.4
CHH2277B	H-2277B	7/29/2024 9:15:37 AM	105.5	105.5
CCV24090	CV-24090	7/29/2024 9:22:56 AM	87.3	87.8
CCV24090	CV-24090	7/29/2024 9:24:25 AM	87.3	87.6
CHIP22RS	P-22RS	7/29/2024 9:33:12 AM	115.6	115.9
CHH1802N	H-1802N	7/29/2024 9:50:29 AM	98.6	102.1
CCV24103	CV-24103	7/29/2024 1:11:05 PM	120.7	120.3
CHIWCV95	CV-95	7/29/2024 2:28:57 PM	113.1	113.2
CHISW032	SW-32	7/30/2024 5:09:29 AM	67.5	67.5
CHISW068	SW-68	7/30/2024 5:13:54 AM	74.5	74.2
CHISW030	SW-30	7/30/2024 5:19:03 AM	70.9	70.8
CHISW064	SW-64	7/30/2024 5:23:00 AM	67.9	68.0
CHSW1930	SW-1930	7/30/2024 5:40:23 AM	60.4	60.4
CHISW007	SW-7	7/30/2024 5:45:23 AM	73.0	73.7
CHISW025	SW-25	7/30/2024 5:49:21 AM	69.1	68.8
CCV24035	CV-24035	7/30/2024 8:42:17 AM	192.2	192.3
CCV24024	CV-24024-PLR	7/30/2024 8:47:34 AM	169.5	170.0
CHH1803N	H-1803N	7/30/2024 9:00:14 AM	181.8	181.5
CHCV2311	CV-2311	7/30/2024 9:32:32 AM	117.7	117.7
CHCV2339	CV-2339	7/30/2024 9:42:54 AM	190.6	190.9
CCV1902A	CV-1902A	7/30/2024 9:49:59 AM	180.8	181.0
CHCV2338	CV-2338	7/30/2024 9:55:25 AM	168.9	168.9
CHWCV113	CV-113	7/30/2024 10:14:04 AM	126.5	126.6

Attachment E - Well Temperature Data
July 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW187	SW-187	7/30/2024 10:19:39 AM	98.0	98.2
CHISW070	SW-70	7/30/2024 10:24:23 AM	90.7	90.7
CHISW009	SW-9	7/30/2024 10:28:07 AM	100.7	101.0
CHCV2353	CV-2353-PLR	7/30/2024 10:40:53 AM	150.2	150.2
CCV2342A	CV-2342A-PLR	7/30/2024 10:45:21 AM	193.1	193.2
CHCV2004	CV-2004	7/30/2024 10:53:22 AM	155.0	155.0
CCV24204	CV-24204	7/30/2024 10:59:50 AM	124.3	124.3
CCV1534A	CV-1534A-PLR	7/30/2024 11:02:49 AM	184.8	184.5
CHH1563N	H-1563N	7/30/2024 11:11:53 AM	116.6	116.6
CCV24142	CV-24142	7/30/2024 11:13:51 AM	163.4	164.4
CHWCV55R	CV-55R	7/30/2024 11:38:06 AM	148.3	149.7
CHH2305N	H-2305N	7/30/2024 1:59:12 PM	96.6	96.7
CHH2305N	H-2305N	7/30/2024 2:00:25 PM	96.9	97.0
CCV24105	CV-24105	7/30/2024 2:17:03 PM	124.5	124.1
CHISW068	SW-68	7/31/2024 5:42:13 AM	75.6	75.5
CHISW030	SW-30	7/31/2024 5:48:54 AM	62.2	62.2
CHISW032	SW-32	7/31/2024 5:48:54 AM	62.2	62.2
CHISW064	SW-64	7/31/2024 5:54:49 AM	69.1	69.1
CHISW030	SW-30	7/31/2024 6:00:16 AM	71.6	71.8
CHISW007	SW-7	7/31/2024 6:17:21 AM	75.0	75.0
CHISW025	SW-25	7/31/2024 6:21:46 AM	69.5	69.5
CHSW1930	SW-1930	7/31/2024 6:27:56 AM	61.4	61.3
CHCV2312	CV-2312	7/31/2024 9:06:08 AM	143.6	143.5
CHCV2312	CV-2312	7/31/2024 9:07:41 AM	143.7	143.5
CCV24038	CV-24038	7/31/2024 9:21:23 AM	187.6	188.3
CCV24038	CV-24038	7/31/2024 9:23:09 AM	189.1	188.0
CCV24039	CV-24039	7/31/2024 9:29:41 AM	101.3	103.4
CCV24021	CV-24021	7/31/2024 9:38:37 AM	108.3	107.6
CCV24027	CV-24027	7/31/2024 9:44:35 AM	97.1	100.1
CCV24027	CV-24027	7/31/2024 9:46:24 AM	99.1	99.4
CCV24171	CV-24171	7/31/2024 9:57:18 AM	94.0	94.0
CCV24043	CV-24043	7/31/2024 10:05:29 AM	117.8	117.8
CCV24050	CV-24050	7/31/2024 10:13:02 AM	114.8	114.9
CHCV2204	CV-2204-PLR	7/31/2024 10:13:59 AM	190.4	191.3
CCV24050	CV-24050	7/31/2024 10:14:28 AM	115.4	115.4
CCV24058	CV-24058	7/31/2024 10:17:49 AM	103.4	103.6
CCV24056	CV-24056	7/31/2024 10:18:30 AM	125.4	125.5
CCV24058	CV-24058	7/31/2024 10:18:55 AM	103.3	103.5
CCV24066	CV-24066	7/31/2024 10:21:49 AM	125.7	126.0
CHCV2306	CV-2306	7/31/2024 10:26:35 AM	193.9	193.9
CHCV2206	CV-2206-PLR	7/31/2024 10:39:35 AM	190.0	190.0
CCV24022	CV-24022	7/31/2024 10:53:45 AM	189.1	189.0
CCV24007	CV-24007	7/31/2024 11:02:01 AM	151.7	151.7
CCV24155	CV-24155	7/31/2024 11:05:13 AM	115.6	115.6
CCV24155	CV-24155	7/31/2024 11:06:19 AM	115.6	115.6

Attachment E - Well Temperature Data
July 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1962N	H-1962N	7/31/2024 11:09:36 AM	166.6	166.6
CCV24019	CV-24019	7/31/2024 11:20:20 AM	156.6	157.8
CCV24149	CV-24149	7/31/2024 11:27:07 AM	98.7	103.6
CHCV2308	CV-2308-PLR	7/31/2024 11:32:54 AM	162.0	161.7
CHCV2201	CV-2201-PLR	7/31/2024 11:41:11 AM	168.0	168.0
CHIWB07R	B-07R	7/31/2024 11:56:00 AM	97.7	99.1
CHCV2203	CV-2203-PLR	7/31/2024 12:02:22 PM	187.0	187.0
CCV24011	CV-24011	7/31/2024 12:28:54 PM	130.2	130.6
CHCV1422	CV-1422	7/31/2024 12:57:24 PM	98.0	97.9
CCV24166	CV-24166	7/31/2024 1:09:26 PM	112.3	112.4
CCV24036	CV-24036	7/31/2024 1:23:10 PM	100.7	100.7
CCV24051	CV-24051	7/31/2024 1:30:55 PM	104.2	104.3
CCV24031	CV-24031	7/31/2024 1:37:43 PM	115.2	115.3
CCV24032	CV-24032	7/31/2024 1:43:28 PM	156.0	155.7
CCV24032	CV-24032	7/31/2024 1:44:23 PM	155.5	155.8
CCV24025	CV-24025	7/31/2024 1:48:57 PM	111.9	112.0
CCV24026	CV-24026	7/31/2024 1:58:07 PM	108.7	109.2
CHCV2315	CV-2315	7/31/2024 1:58:32 PM	156.0	156.0
CHH2165W	H-2165W	7/31/2024 2:00:33 PM	119.4	119.7
CCV24020	CV-24020	7/31/2024 2:07:18 PM	102.6	102.8
CCV24020	CV-24020	7/31/2024 2:07:58 PM	103.1	103.2
CHCV2328	CV-2328	7/31/2024 2:13:52 PM	148.8	148.8
CHIWH78A	H-78A	7/31/2024 2:40:50 PM	101.3	101.3
CHIWH059	H-59	7/31/2024 2:41:28 PM	101.8	101.8
CHIWH051	H-51	7/31/2024 2:45:19 PM	97.7	97.7
CHIWH078	H-78	7/31/2024 2:49:57 PM	94.4	94.3
CHIWH77A	H-77A	7/31/2024 2:58:17 PM	103.6	103.7
CHIWH77A	H-77A	7/31/2024 2:59:07 PM	103.7	103.7
CHIWH060	H-60	7/31/2024 3:04:52 PM	94.4	94.4
CCV24068	CV-24068	7/31/2024 3:05:36 PM	129.2	128.9
CHIWH060	H-60	7/31/2024 3:05:50 PM	94.4	94.4
CHIWH059	H-59	7/31/2024 3:12:46 PM	97.9	98.0
CHIWC028	C-28	7/31/2024 3:26:46 PM	108.5	108.8
CCV24214	CV-24214	7/31/2024 3:35:35 PM	117.8	116.5
CCV24214	CV-24214	7/31/2024 3:36:48 PM	118.0	117.1
CHIWC011	C-11	7/31/2024 4:29:44 PM	100.8	101.1
CCV24165	CV-24165	7/31/2024 4:38:08 PM	119.9	119.4
CCV24168	CV-24168	7/31/2024 4:43:04 PM	118.9	118.2
CHIWH023	H-23 (EXP-23)	7/31/2024 4:49:41 PM	111.4	111.4
CHIWH023	H-23 (EXP-23)	7/31/2024 4:50:43 PM	111.4	N/A
CCV24167	CV-24167	7/31/2024 4:52:10 PM	113.2	113.2
CCV24163	CV-24163	7/31/2024 5:08:43 PM	129.8	125.0
CHIWH052	H-52	7/31/2024 5:14:20 PM	97.7	97.2
CCV24164	CV-24164	7/31/2024 5:25:59 PM	115.3	115.9
CHCV2351	CV-2351	7/31/2024 5:27:46 PM	127.9	127.8

Attachment E - Well Temperature Data
July 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24164	CV-24164	7/31/2024 5:29:15 PM	116.7	116.8
CHCV2351	CV-2351	7/31/2024 5:35:05 PM	127.7	126.4

N/A: Not available due to no change in temperature from Envision Gas Analyzer

Solid Waste Daily Borehole Temperature Averages

for July 1, 2024 to July 31, 2024

SCS ENGINEERS

07224053.00 | August 12, 2024

274 Granite Run Drive
Lancaster, PA 17601
717-550-6330

Note: Data represents the arithmatic mean of the available temperature readings for the specified date.

Solid Waste Daily Borehole Temperature Averages for Borehole 1

Chiquita LF

	Depth from Surface						
TP-01	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**80 ft**	**100 ft**	**125 ft**
Jul 1	114.0	119.1	127.1	129.2	132.9	139.8	140.5
Jul 2	114.0	119.1	127.1	129.2	133.0	139.7	140.46
Jul 3	114.1	119.2	127.3	129.3	133.1	139.8	140.62
Jul 4	114.0	119.1	127.2	129.2	133.0	139.7	140.53
Jul 5	114.2	119.4	127.4	129.3	133.3	139.9	140.79
Jul 6	114.2	119.4	127.3	129.4	133.4	139.9	140.78
Jul 7	114.0	119.3	127.3	129.4	133.2	139.8	140.62
Jul 8	114.0	119.3	127.2	129.5	133.3	139.9	140.65
Jul 9	114.0	119.4	127.2	129.5	133.3	139.9	140.72
Jul 10	114.0	119.5	127.2	129.5	133.3	139.9	140.77
Jul 11	113.9	119.4	127.2	129.4	133.3	139.8	140.67
Jul 12	113.7	119.0	127.2	129.2	133.2	139.7	140.35
Jul 13	113.8	119.2	127.5	129.5	133.3	139.9	140.51
Jul 14	113.7	119.1	127.5	129.3	133.2	139.8	140.41
Jul 15	113.6	119.1	127.6	129.5	133.2	139.9	140.47
Jul 16	113.6	119.0	127.6	129.4	133.2	139.8	140.43
Jul 17	113.6	119.1	127.6	129.5	133.3	139.8	140.5
Jul 18	113.7	119.2	127.7	129.6	133.4	139.9	140.54
Jul 19	113.7	119.2	127.7	129.5	133.4	139.9	140.51
Jul 20	113.7	119.3	127.7	129.5	133.5	140.0	140.61
Jul 21	113.7	119.4	127.6	129.7	133.5	140.0	140.59
Jul 22	113.6	119.4	127.4	129.7	133.5	140.0	140.56
Jul 23	113.5	119.3	127.3	129.6	133.4	139.9	140.51
Jul 24	113.5	119.3	127.4	129.5	133.5	140.0	140.48
Jul 25	113.5	119.3	127.7	129.6	133.6	140.1	140.54
Jul 26	113.4	119.2	127.7	129.5	133.5	140.0	140.41
Jul 27	113.2	119.0	127.8	129.4	133.3	140.0	140.25
Jul 28	113.1	118.9	127.8	129.4	133.3	139.9	140.21
Jul 29	113.1	118.9	127.9	129.4	133.4	140.0	140.21
Jul 30	113.1	119.0	127.8	129.5	133.4	140.0	140.23
Jul 31	113.1	119.0	127.7	129.5	133.5	140.1	140.32
Average	**113.7**	**119.2**	**127.5**	**129.4**	**133.3**	**139.9**	**140.51**

Solid Waste Daily Borehole Temperature Averages for Borehole 2

Chiquita LF

	Depth from Surface			
TP-02	**15 ft**	**30 ft**	**45 ft**	**60 ft**
Jul 1	114.6	135.2	135.0	143.1
Jul 2	114.5	135.2	135.1	143.2
Jul 3	114.7	135.3	135.3	143.3
Jul 4	114.6	135.1	135.5	143.4
Jul 5	114.8	135.2	135.8	143.5
Jul 6	114.8	135.2	136.1	143.7
Jul 7	114.7	135.2	136.3	143.7
Jul 8	114.6	135.3	136.7	143.8
Jul 9	114.8	135.5	137.1	144.1
Jul 10	114.9	135.6	137.5	144.2
Jul 11	114.8	135.7	137.8	144.3
Jul 12	114.5	135.5	138.0	144.3
Jul 13	114.7	135.7	138.4	144.7
Jul 14	114.7	135.7	138.7	144.7
Jul 15	114.7	135.7	139.1	145.0
Jul 16	114.6	135.7	139.4	145.1
Jul 17	114.6	135.8	139.7	145.3
Jul 18	114.8	135.7	138.9	145.4
Jul 19	114.8	135.6	138.5	145.4
Jul 20	114.8	135.7	138.3	145.4
Jul 21	114.9	135.8	138.1	145.4
Jul 22	114.8	135.9	138.0	145.4
Jul 23	114.8	135.9	137.9	145.3
Jul 24	114.9	135.9	137.9	145.2
Jul 25	114.8	136.0	137.8	145.2
Jul 26	114.8	136.0	137.7	145.1
Jul 27	114.6	135.9	137.6	145.0
Jul 28	114.7	135.9	137.5	144.9
Jul 29	114.7	136.0	137.5	144.9
Jul 30	114.7	136.1	137.4	144.9
Jul 31	114.8	136.2	137.5	144.9
Average	**114.7**	**135.6**	**137.5**	**144.6**

Solid Waste Daily Borehole Temperature Averages for Borehole 3

Chiquita LF

	Depth from Surface		
TP-03	**15 ft**	**30 ft**	**45 ft**
Jul 1	202.0	208.4	230.9
Jul 2	201.7	208.4	230.5
Jul 3	202.3	208.6	230.7
Jul 4	201.7	208.2	230.8
Jul 5	202.3	209.1	230.7
Jul 6	202.8	209.9	230.7
Jul 7	202.6	208.1	230.7
Jul 8	200.7	207.9	231.0
Jul 9	201.4	208.3	231.3
Jul 10	202.4	209.2	231.9
Jul 11	203.0	208.3	231.9
Jul 12	201.7	208.3	232.7
Jul 13	201.4	208.6	233.6
Jul 14	202.9	208.9	232.7
Jul 15	201.6	209.2	233.4
Jul 16	201.7	208.7	233.3
Jul 17	203.0	209.5	232.9
Jul 18	202.9	209.0	233.2
Jul 19	202.1	209.3	233.6
Jul 20	202.6	209.6	233.5
Jul 21	203.0	209.1	233.4
Jul 22	203.0	209.0	233.6
Jul 23	203.5	209.3	233.3
Jul 24	203.5	209.3	233.4
Jul 25	203.4	209.4	233.7
Jul 26	204.3	209.7	233.2
Jul 27	203.9	209.3	233.2
Jul 28	204.0	210.0	233.1
Jul 29	204.3	209.9	233.4
Jul 30	204.1	209.5	233.3
Jul 31	204.5	209.5	233.4
Average	**202.7**	**209.0**	**232.49**

Solid Waste Daily Borehole Temperature Averages for Borehole 4

Chiquita LF

	Depth from Surface			
TP-04	**15 ft**	**30 ft**	**45 ft**	**60 ft**
Jul 1	158.2	166.4	152.4	150.6
Jul 2	158.2	166.5	152.3	150.6
Jul 3	158.3	166.6	152.5	150.7
Jul 4	158.2	166.5	152.4	150.7
Jul 5	158.4	166.7	152.5	150.8
Jul 6	158.4	166.7	152.5	150.8
Jul 7	158.4	166.6	152.4	150.7
Jul 8	158.4	166.6	152.4	150.8
Jul 9	158.5	166.7	152.5	150.9
Jul 10	158.6	166.7	152.5	150.9
Jul 11	158.6	166.7	152.4	150.9
Jul 12	158.4	166.5	152.2	150.6
Jul 13	158.6	166.6	152.4	150.8
Jul 14	158.5	166.6	152.4	150.8
Jul 15	158.5	166.6	152.4	150.9
Jul 16	158.5	166.5	152.4	150.8
Jul 17	158.5	166.6	152.4	150.9
Jul 18	158.6	166.7	152.5	151.0
Jul 19	158.6	166.7	152.6	151.0
Jul 20	158.6	166.9	152.7	151.0
Jul 21	158.7	167.0	152.8	151.0
Jul 22	158.7	167.0	152.8	151.1
Jul 23	158.7	167.1	152.7	151.0
Jul 24	158.7	167.1	152.6	150.9
Jul 25	158.7	167.2	152.5	150.9
Jul 26	158.6	167.1	152.4	150.8
Jul 27	158.5	167.0	152.2	150.6
Jul 28	158.5	167.0	152.2	150.6
Jul 29	158.7	167.1	152.2	150.6
Jul 30	158.9	167.1	152.3	150.6
Jul 31	159.2	167.2	152.5	150.7
Average	**158.5**	**166.8**	**152.5**	**150.8**

Solid Waste Daily Borehole Temperature Averages for Borehole 5

Chiquita LF

	Depth from Surface				
TP-05	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**75 ft**
Jul 1	120.3	134.9	140.9	142.5	145.4
Jul 2	120.3	134.7	140.9	142.5	145.4
Jul 3	120.4	134.7	141.0	142.7	145.4
Jul 4	120.3	134.6	141.0	142.7	145.4
Jul 5	120.5	134.7	141.1	142.7	145.4
Jul 6	120.5	134.7	141.2	142.8	145.6
Jul 7	120.4	134.6	141.1	142.8	145.6
Jul 8	120.4	134.5	141.1	142.7	145.6
Jul 9	120.5	134.5	141.1	142.8	145.6
Jul 10	120.6	134.6	141.2	142.8	145.7
Jul 11	120.6	134.5	141.2	142.8	145.7
Jul 12	120.3	134.3	141.1	142.8	145.7
Jul 13	120.3	134.4	141.3	143.0	145.7
Jul 14	120.0	134.2	141.3	143.0	145.7
Jul 15	120.0	134.2	141.3	143.0	145.7
Jul 16	119.9	134.1	141.2	142.9	145.7
Jul 17	119.9	134.1	141.3	143.0	145.7
Jul 18	120.1	134.1	141.3	143.0	145.8
Jul 19	120.1	134.0	141.3	143.0	145.8
Jul 20	120.1	133.9	141.2	143.0	145.8
Jul 21	120.2	133.9	141.3	143.1	145.8
Jul 22	120.1	133.8	141.4	143.1	145.8
Jul 23	120.0	133.7	141.4	143.0	145.8
Jul 24	120.0	133.6	141.5	143.1	145.8
Jul 25	120.0	133.6	141.6	143.1	145.8
Jul 26	120.0	133.5	141.6	143.1	145.8
Jul 27	119.8	133.4	141.6	143.0	145.9
Jul 28	119.7	133.3	141.7	143.0	145.8
Jul 29	119.7	133.3	141.8	143.1	145.9
Jul 30	119.7	133.3	141.8	143.1	145.9
Jul 31	119.9	133.4	141.8	143.1	145.9
Average	**120.1**	**134.1**	**141.3**	**142.9**	**145.7**

Solid Waste Daily Borehole Temperature Averages for Borehole 6

Chiquita LF

	Depth from Surface						
TP-06	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**80 ft**	**100 ft**	**120 ft**
Jul 1	102.3	112.1	122.5	127.4	125.4	125.68	133.74
Jul 2	102.4	111.2	121.7	127.4	125.3	125.74	133.74
Jul 3	103.6	111.0	121.1	127.5	125.4	125.87	133.82
Jul 4	104.2	110.7	120.8	127.6	125.3	125.86	133.83
Jul 5	105.6	110.8	121.0	127.8	125.4	126.11	133.92
Jul 6	104.9	110.5	121.1	127.7	125.6	126.18	134
Jul 7	104.3	109.9	121.0	127.5	125.5	126.13	133.94
Jul 8	102.7	109.7	121.2	127.5	125.6	126.23	133.95
Jul 9	101.8	109.5	121.3	127.5	125.6	126.28	133.97
Jul 10	101.2	109.3	121.4	127.5	125.7	126.37	133.97
Jul 11	100.7	109.0	121.3	127.5	125.7	126.37	134.01
Jul 12	99.9	109.0	121.4	127.3	125.5	126.24	133.97
Jul 13	100.4	108.9	121.4	127.4	125.7	126.4	134.1
Jul 14	100.8	108.9	121.3	127.4	125.6	126.37	134.03
Jul 15	100.5	109.3	121.4	127.4	125.7	126.4	134.07
Jul 16	100.0	109.3	121.4	127.4	125.7	126.39	134.02
Jul 17	99.8	109.4	121.5	127.4	125.7	126.44	134.06
Jul 18	99.6	109.6	121.6	127.5	125.8	126.56	134.18
Jul 19	99.5	109.9	121.7	127.5	125.9	126.58	134.17
Jul 20	99.6	110.4	121.9	127.5	126.0	126.72	134.24
Jul 21	99.5	110.4	121.9	127.6	126.0	126.74	134.25
Jul 22	99.2	110.5	121.9	127.6	126.0	126.77	134.28
Jul 23	99.0	110.3	121.7	127.5	126.0	126.67	134.23
Jul 24	99.0	110.2	121.6	127.5	126.1	126.76	134.27
Jul 25	99.0	110.3	121.5	127.5	126.2	126.84	134.31
Jul 26	99.0	110.5	121.7	127.5	126.2	126.82	134.29
Jul 27	98.9	110.5	121.5	127.5	126.1	126.73	134.29
Jul 28	98.8	110.4	121.4	127.5	126.1	126.69	134.26
Jul 29	98.8	110.4	121.3	127.5	126.1	126.7	134.26
Jul 30	98.9	110.5	121.4	127.5	126.2	126.81	134.33
Jul 31	99.2	110.9	121.7	127.5	126.2	126.82	134.33
Average	**100.8**	**110.1**	**121.5**	**127.5**	**125.8**	**126.43**	**134.09**

Solid Waste Daily Borehole Temperature Averages for Borehole 7

Chiquita LF

	Depth from Surface					
TP-07	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**75 ft**	**100 ft**
Jul 1	122.0	129.1	126.8	122.1	123.8	140.6
Jul 2	121.9	129.0	126.9	122.1	123.8	140.7
Jul 3	121.9	129.1	126.9	122.2	123.9	141.0
Jul 4	121.9	129.1	127.0	122.3	123.9	141.0
Jul 5	121.8	129.2	127.0	122.3	124.1	141.2
Jul 6	121.9	129.3	127.0	122.3	124.2	141.2
Jul 7	121.9	129.2	127.0	122.4	124.1	140.9
Jul 8	122.0	129.2	127.0	122.4	124.2	140.9
Jul 9	122.0	129.3	127.0	122.4	124.3	141.0
Jul 10	121.9	129.3	127.0	122.4	124.4	141.3
Jul 11	121.9	129.2	127.0	122.5	124.4	141.3
Jul 12	121.7	129.1	127.0	122.4	124.1	141.0
Jul 13	121.8	129.2	127.1	122.5	124.3	141.2
Jul 14	121.6	129.2	127.1	122.5	124.3	141.3
Jul 15	121.5	129.2	127.0	122.5	124.4	141.3
Jul 16	121.5	129.1	127.0	122.5	124.4	141.3
Jul 17	121.4	129.1	127.0	122.5	124.5	141.3
Jul 18	121.5	129.2	127.1	122.7	124.6	141.4
Jul 19	121.6	129.2	127.1	122.6	124.7	141.5
Jul 20	121.6	129.2	127.0	122.6	124.7	141.6
Jul 21	121.8	129.2	127.1	122.8	124.8	141.6
Jul 22	121.9	129.2	127.1	122.8	124.8	141.5
Jul 23	122.0	129.2	127.1	122.7	124.7	141.3
Jul 24	122.2	129.3	127.1	122.8	124.9	141.4
Jul 25	122.4	129.3	127.1	122.8	125.0	141.4
Jul 26	122.4	129.3	127.1	122.8	124.9	141.3
Jul 27	122.4	129.3	127.1	122.8	124.8	141.2
Jul 28	122.4	129.2	127.1	122.7	124.8	141.1
Jul 29	122.4	129.3	127.1	122.8	124.9	141.2
Jul 30	122.6	129.3	127.1	122.8	125.0	141.3
Jul 31	122.9	129.3	127.2	122.9	125.1	141.4
Average	**122.0**	**129.2**	**127.0**	**122.5**	**124.5**	**141.2**

Solid Waste Daily Borehole Temperature Averages for Borehole 8

Chiquita LF

	Depth from Surface					
TP-08	**15 ft**	**30 ft**	**45 ft**	**100 ft**	**125 ft**	**150 ft**
Jul 1	128.7	132.0	133.7	137.7	139.1	141.6
Jul 2	122.4	125.0	128.1	137.6	139.2	141.6
Jul 3	116.9	121.9	128.0	137.8	139.4	141.7
Jul 4	117.5	121.1	130.6	137.8	139.4	141.7
Jul 5	118.9	122.5	132.2	137.9	139.7	141.9
Jul 6	120.6	122.7	132.6	138.0	139.6	141.9
Jul 7	120.8	124.2	133.3	138.0	139.5	142.0
Jul 8	120.8	124.1	133.2	138.0	139.6	142.1
Jul 9	119.1	123.6	134.0	138.0	139.7	142.1
Jul 10	121.3	125.3	133.6	138.1	139.7	142.2
Jul 11	121.8	124.0	133.3	138.0	139.7	142.0
Jul 12	121.7	122.5	132.7	137.8	139.3	141.9
Jul 13	118.5	121.6	132.5	137.9	139.4	141.9
Jul 14	117.9	122.1	132.8	137.8	139.3	141.8
Jul 15	118.8	121.9	132.3	137.8	139.3	141.7
Jul 16	112.6	117.4	124.8	137.8	139.3	141.6
Jul 17	112.7	116.0	123.0	137.8	139.3	141.6
Jul 18	113.0	115.1	121.5	137.9	139.3	141.6
Jul 19	113.7	115.5	122.2	137.9	139.3	141.5
Jul 20	113.3	114.7	120.3	137.9	139.4	141.5
Jul 21	112.9	114.1	119.4	137.9	139.4	141.5
Jul 22	112.3	113.4	118.2	137.9	139.4	141.5
Jul 23	114.4	116.2	123.8	137.9	139.4	141.6
Jul 24	112.3	113.3	117.9	138.0	139.4	141.6
Jul 25	111.8	112.9	118.2	138.0	139.4	141.6
Jul 26	111.0	112.2	116.5	137.9	139.4	141.5
Jul 27	110.0	111.2	116.0	137.8	139.2	141.5
Jul 28	109.2	110.6	115.7	137.8	139.2	141.5
Jul 29	108.9	110.7	116.0	137.7	139.2	141.5
Jul 30	110.1	112.4	117.9	137.7	139.2	141.6
Jul 31	109.6	111.6	118.0	137.7	139.2	141.4
Average	**115.9**	**118.4**	**125.5**	**137.9**	**139.4**	**141.7**

Solid Waste Daily Borehole Temperature Averages for Borehole 9

Chiquita LF

	Depth from Surface						
TP-09	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**80 ft**	**100 ft**	**125 ft**
Jul 1	101.2	105.0	112.4	117.2	133.7	138.7	224.7
Jul 2	101.3	105.0	112.4	117.3	133.7	138.8	224.7
Jul 3	101.3	105.1	112.5	117.3	133.8	138.9	224.0
Jul 4	101.3	105.1	112.5	117.3	133.7	138.9	223.1
Jul 5	101.3	105.2	112.6	117.3	133.9	138.9	223.6
Jul 6	101.4	105.3	112.6	117.4	133.9	139.0	224.5
Jul 7	101.4	105.3	112.7	117.5	133.7	139.1	224.2
Jul 8	101.4	105.3	112.7	117.5	133.7	139.1	222.8
Jul 9	101.4	105.3	112.6	117.5	133.7	139.1	224.2
Jul 10	101.5	105.4	112.7	117.6	133.8	139.2	223.9
Jul 11	101.5	105.5	112.6	117.6	133.7	139.2	224.7
Jul 12	101.5	105.3	112.6	117.5	133.4	139.1	224.5
Jul 13	101.6	105.5	112.7	117.6	133.5	139.2	223.9
Jul 14	101.7	105.5	112.7	117.6	133.4	139.2	223.2
Jul 15	101.7	105.5	112.7	117.6	133.4	139.3	223.8
Jul 16	101.6	105.5	112.7	117.6	133.3	139.3	222.6
Jul 17	101.7	105.6	112.8	117.7	133.4	139.4	221.3
Jul 18	101.7	105.6	112.7	117.7	133.4	139.3	221.1
Jul 19	101.8	105.7	112.8	117.7	133.4	139.4	221.6
Jul 20	101.9	105.8	112.9	117.8	133.4	139.5	221.3
Jul 21	101.9	105.9	112.9	117.8	133.5	139.5	221.4
Jul 22	102.0	105.9	112.9	117.9	133.4	139.6	221.8
Jul 23	102.0	105.9	112.9	117.9	133.5	139.7	222.2
Jul 24	102.0	105.9	112.9	117.9	133.4	139.7	219.6
Jul 25	102.0	106.0	112.9	117.9	133.4	139.7	221.3
Jul 26	102.0	105.9	112.8	117.8	133.2	139.5	222.1
Jul 27	102.0	105.9	112.8	117.9	133.0	139.6	224.2
Jul 28	102.0	105.9	112.8	117.8	132.9	139.5	223.5
Jul 29	102.1	105.9	112.9	117.9	133.0	139.6	223.4
Jul 30	102.2	106.1	112.9	117.9	133.0	139.7	223.3
Jul 31	102.3	106.1	112.9	118.0	133.0	139.7	222.3
Average	**101.7**	**105.6**	**112.7**	**117.6**	**133.5**	**139.3**	**223.0**

Solid Waste Daily Borehole Temperature Averages for Borehole 10

Chiquita LF

	Depth from Surface						
TP-10	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**80 ft**	**100 ft**	**125 ft**
Jul 1	117.8	111.0	121.3	130.1	128.5	132.3	132.7
Jul 2	117.7	111.0	121.4	130.1	128.5	132.3	132.7
Jul 3	117.8	111.2	121.5	130.2	128.7	132.4	132.8
Jul 4	117.7	111.1	121.5	130.2	128.6	132.4	132.8
Jul 5	117.9	111.5	121.8	130.4	128.9	132.6	133.0
Jul 6	117.9	111.4	121.8	130.4	128.8	132.6	132.9
Jul 7	117.9	111.6	121.9	130.4	128.7	132.6	132.9
Jul 8	118.0	111.7	121.9	130.4	128.8	132.6	133.0
Jul 9	118.2	112.5	122.1	130.6	128.9	132.7	133.0
Jul 10	118.2	112.2	122.1	130.6	129.0	132.8	133.1
Jul 11	118.0	111.8	122.0	130.4	128.7	132.6	132.9
Jul 12	117.9	111.8	122.0	130.3	128.5	132.4	132.8
Jul 13	118.1	112.2	122.2	130.5	128.7	132.6	133.0
Jul 14	118.2	112.4	122.3	130.5	128.6	132.4	132.8
Jul 15	118.3	113.1	122.4	130.5	128.6	132.2	132.7
Jul 16	118.3	114.7	122.6	130.5	128.7	131.6	132.4
Jul 17	118.6	115.6	122.8	130.6	129.2	131.2	132.2
Jul 18	118.8	116.9	123.3	130.7	129.7	131.1	132.2
Jul 19	118.9	117.3	123.4	130.8	129.8	130.9	132.1
Jul 20	119.0	117.2	123.5	130.8	129.6	130.4	132.0
Jul 21	119.1	117.5	123.5	130.8	129.5	130.3	131.8
Jul 22	119.2	117.6	123.7	130.8	129.3	130.3	131.8
Jul 23	119.2	121.2	123.9	130.9	129.3	130.2	131.8
Jul 24	119.3	120.3	124.1	130.8	129.2	130.1	131.9
Jul 25	119.4	119.4	124.2	130.9	129.2	130.1	132.0
Jul 26	119.4	119.0	124.0	130.7	128.9	129.9	131.6
Jul 27	119.2	116.7	123.6	130.5	128.7	129.9	131.2
Jul 28	119.0	116.5	123.5	130.5	128.7	130.0	131.1
Jul 29	119.0	116.8	123.5	130.6	128.7	130.0	131.2
Jul 30	119.2	118.0	123.9	130.7	128.8	130.0	131.1
Jul 31	119.0	125.0	127.4	130.8	128.8	130.1	131.2
Average	**118.5**	**115.0**	**122.9**	**130.6**	**128.9**	**131.4**	**132.3**

Solid Waste Daily Borehole Temperature Averages for Borehole 11

Chiquita LF

	Depth from Surface					
TP-11	**15 ft**	**30 ft**	**45 ft**	**80 ft**	**100 ft**	**125 ft**
Jul 1	118.2	112.8	127.1	138.5	141.3	140.2
Jul 2	118.2	112.9	127.2	138.5	141.3	140.3
Jul 3	118.3	113.1	127.3	138.7	141.5	140.5
Jul 4	118.4	113.2	127.4	138.7	141.5	140.5
Jul 5	118.5	113.4	127.4	139.0	141.6	140.7
Jul 6	118.6	113.5	127.6	139.0	141.6	140.8
Jul 7	118.7	113.8	127.9	139.0	141.7	140.7
Jul 8	118.8	114.1	128.0	139.0	141.7	140.8
Jul 9	119.0	114.3	128.2	139.1	141.8	140.9
Jul 10	119.1	114.2	128.2	139.2	141.8	141.0
Jul 11	119.1	114.1	128.2	139.1	141.8	141.0
Jul 12	119.1	114.1	128.4	138.8	141.7	140.7
Jul 13	119.3	114.2	128.3	139.1	141.8	140.9
Jul 14	119.2	114.3	128.4	139.1	141.9	140.9
Jul 15	119.3	114.4	128.6	139.2	142.0	141.0
Jul 16	119.4	114.7	129.1	139.3	142.1	141.2
Jul 17	119.7	115.0	129.6	139.4	142.2	141.3
Jul 18	120.1	115.1	130.5	139.1	142.2	141.2
Jul 19	120.4	115.4	130.7	139.2	142.2	141.3
Jul 20	120.6	115.6	130.6	139.2	142.2	141.4
Jul 21	120.6	115.7	130.7	139.3	142.2	141.3
Jul 22	120.7	115.9	130.8	139.3	142.2	141.4
Jul 23	120.7	116.1	131.0	139.3	142.3	141.4
Jul 24	120.7	115.8	130.7	139.4	142.4	141.5
Jul 25	120.7	116.0	131.0	139.6	142.5	141.7
Jul 26	120.8	116.3	131.3	139.5	142.5	141.7
Jul 27	120.9	116.3	131.4	139.5	142.6	141.6
Jul 28	120.9	116.4	131.4	139.5	142.6	141.5
Jul 29	121.0	116.6	131.5	139.6	142.7	141.7
Jul 30	121.1	116.7	131.6	139.7	142.8	141.8
Jul 31	121.1	116.8	131.4	139.8	142.9	142.0
Average	**119.7**	**114.9**	**129.4**	**139.2**	**142.1**	**141.1**

Solid Waste Daily Borehole Temperature Averages for Borehole 12

Chiquita LF

	Depth from Surface					
TP-12	**15 ft**	**30 ft**	**45 ft**	**80 ft**	**100 ft**	**125 ft**
Jul 1	90.7	107.0	116.1	123.8	126.6	144.2
Jul 2	90.8	107.0	116.1	123.7	126.6	144.2
Jul 3	91.0	107.3	116.2	123.9	126.9	144.3
Jul 4	90.9	107.1	116.2	123.8	126.7	144.2
Jul 5	91.2	107.4	116.5	124.2	127.1	144.4
Jul 6	91.3	107.3	116.4	124.2	127.0	144.4
Jul 7	91.2	107.2	116.3	124.0	126.9	144.3
Jul 8	91.3	107.2	116.3	124.1	126.9	144.3
Jul 9	91.4	107.4	116.5	124.3	127.2	144.4
Jul 10	91.5	107.5	116.4	124.3	127.1	144.5
Jul 11	91.5	107.4	116.4	124.2	127.1	144.5
Jul 12	91.2	107.0	116.0	123.8	126.5	144.1
Jul 13	91.5	107.3	116.2	124.1	126.9	144.4
Jul 14	91.5	107.3	116.2	124.1	126.8	144.4
Jul 15	91.6	107.3	116.2	124.2	126.9	144.5
Jul 16	91.5	107.3	116.2	124.2	126.9	144.5
Jul 17	91.7	107.3	116.2	124.3	127.0	144.6
Jul 18	91.8	107.4	116.3	124.4	127.1	144.6
Jul 19	91.9	107.4	116.4	124.5	127.2	144.7
Jul 20	92.0	107.4	116.3	124.5	127.2	144.7
Jul 21	92.0	107.4	116.3	124.5	127.2	144.6
Jul 22	92.1	107.4	116.4	124.6	127.3	144.7
Jul 23	92.0	107.4	116.3	124.6	127.3	144.7
Jul 24	92.1	107.4	116.3	124.6	127.3	144.6
Jul 25	92.2	107.5	116.4	124.7	127.4	144.6
Jul 26	92.1	107.3	116.3	124.6	127.3	144.6
Jul 27	92.0	107.1	116.1	124.4	127.0	144.5
Jul 28	92.1	107.0	116.1	124.4	127.0	144.4
Jul 29	92.1	107.0	116.1	124.4	127.0	144.4
Jul 30	92.2	107.0	116.1	124.5	127.1	144.5
Jul 31	92.3	107.1	116.2	124.6	127.2	144.5
Average	**91.6**	**107.3**	**116.3**	**124.3**	**127.0**	**144.5**

Solid Waste Daily Borehole Temperature Averages for Borehole 13

Chiquita LF

	Depth from Surface					
TP-13	**15 ft**	**30 ft**	**45 ft**	**75 ft**	**100 ft**	**140 ft**
Jul 1	106.6	137.7	141.2	140.5	141.1	142.0
Jul 2	109.3	130.9	141.3	140.6	141.2	142.2
Jul 3	112.0	126.0	141.5	140.9	141.4	142.4
Jul 4	113.1	122.6	141.6	140.9	141.4	142.4
Jul 5	113.6	120.5	141.7	141.1	141.7	142.5
Jul 6	114.0	118.6	141.6	141.1	141.6	142.5
Jul 7	114.1	117.4	141.9	141.2	141.7	142.7
Jul 8	114.4	116.2	141.8	141.1	141.6	142.6
Jul 9	114.5	116.0	142.0	141.3	141.9	142.9
Jul 10	114.8	114.7	142.0	141.4	141.9	142.8
Jul 11	114.8	113.7	142.1	141.4	141.9	142.9
Jul 12	114.7	113.2	142.0	141.2	141.7	142.7
Jul 13	114.9	113.0	142.2	141.4	142.0	143.0
Jul 14	115.0	112.7	142.2	141.4	142.0	143.0
Jul 15	115.1	112.4	142.3	141.6	142.1	143.1
Jul 16	114.9	111.6	142.3	141.6	142.1	143.1
Jul 17	115.3	112.7	142.4	141.7	142.2	143.2
Jul 18	115.7	112.5	142.5	141.8	142.3	143.3
Jul 19	116.0	113.5	142.5	141.9	142.5	143.4
Jul 20	116.2	112.8	142.7	142.1	142.6	143.6
Jul 21	116.3	113.0	142.7	142.0	142.6	143.6
Jul 22	116.4	113.3	142.8	142.1	142.7	143.6
Jul 23	116.7	116.6	142.8	142.1	142.6	143.6
Jul 24	116.7	111.9	142.8	142.1	142.7	143.6
Jul 25	116.2	111.0	142.8	142.2	142.7	143.7
Jul 26	115.4	109.5	142.9	142.2	142.7	143.7
Jul 27	115.0	109.6	143.0	142.1	142.6	143.8
Jul 28	114.9	109.8	143.0	142.1	142.6	143.8
Jul 29	114.9	109.5	142.9	142.1	142.6	143.8
Jul 30	114.8	109.6	143.0	142.2	142.7	143.8
Jul 31	115.3	127.2	143.1	142.4	142.9	143.9
Average	**114.6**	**115.8**	**142.3**	**141.6**	**142.1**	**143.1**

Solid Waste Daily Borehole Temperature Averages for Borehole 14

Chiquita LF

	Depth from Surface						
TP-14	**15 ft**	**30 ft**	**45 ft**	**75 ft**	**100 ft**	**125 ft**	**150 ft**
Jul 1	85.8	106.2	121.9	136.8	150.7	162.0	163.83
Jul 2	85.8	106.1	121.9	136.8	150.8	162.0	163.86
Jul 3	86.0	106.2	122.0	136.9	150.9	162.1	163.93
Jul 4	86.0	106.2	121.9	136.8	150.9	162.1	163.91
Jul 5	86.3	106.4	122.1	137.2	151.0	162.4	164.04
Jul 6	86.4	106.4	122.0	137.1	151.1	162.3	164.09
Jul 7	86.4	106.3	122.0	137.0	151.0	162.2	164.04
Jul 8	86.5	106.4	122.1	137.0	151.1	162.3	164.08
Jul 9	86.7	106.5	122.1	137.2	151.2	162.4	164.17
Jul 10	86.8	106.5	122.1	137.3	151.3	162.5	164.21
Jul 11	86.8	106.5	122.1	137.2	151.3	162.5	164.23
Jul 12	86.5	106.2	122.0	136.8	151.1	162.1	164.03
Jul 13	86.8	106.4	122.1	137.1	151.2	162.4	164.15
Jul 14	86.8	106.3	122.0	137.1	151.3	162.4	164.11
Jul 15	87.0	106.4	122.1	137.1	151.2	162.5	164.2
Jul 16	86.9	106.3	122.1	137.0	151.2	162.4	164.11
Jul 17	87.1	106.4	122.1	137.1	151.3	162.6	164.18
Jul 18	87.2	106.4	122.1	137.2	151.4	162.8	164.26
Jul 19	87.3	106.4	122.1	137.2	151.4	162.9	164.3
Jul 20	87.5	106.4	122.1	137.3	151.4	163.0	164.32
Jul 21	87.5	106.4	122.0	137.4	151.4	163.0	164.36
Jul 22	87.6	106.4	122.0	137.4	151.5	163.0	164.37
Jul 23	87.6	106.4	122.0	137.3	151.5	162.8	164.31
Jul 24	87.7	106.4	122.0	137.3	151.5	162.7	164.37
Jul 25	87.7	106.4	122.0	137.4	151.6	162.8	164.44
Jul 26	87.7	106.2	122.0	137.4	151.6	162.7	164.39
Jul 27	87.5	106.1	121.9	137.2	151.5	162.5	164.27
Jul 28	87.5	105.9	121.8	137.1	151.5	162.4	164.22
Jul 29	87.7	106.0	121.8	137.2	151.6	162.4	164.25
Jul 30	87.7	105.9	121.8	137.2	151.6	162.5	164.3
Jul 31	87.9	105.9	121.9	137.3	151.7	162.6	164.36
Average	**87.0**	**106.3**	**122.0**	**137.1**	**151.3**	**162.5**	**164.18**

Solid Waste Daily Borehole Temperature Averages for Borehole 15

Chiquita LF

	Depth from Surface				
TP-15	**15 ft**	**30 ft**	**45 ft**	**75 ft**	**100 ft**
Jul 1	119.9	121.4	156.4	161.6	161.8
Jul 2	119.6	120.6	156.5	161.6	161.8
Jul 3	119.6	120.1	157.0	161.6	161.9
Jul 4	119.5	119.3	157.4	161.8	162.0
Jul 5	119.5	119.5	157.9	161.8	162.0
Jul 6	119.5	118.5	158.1	161.9	162.1
Jul 7	119.6	117.5	158.2	162.0	162.2
Jul 8	119.7	116.9	158.6	162.1	162.3
Jul 9	119.8	117.2	158.8	162.2	162.4
Jul 10	119.9	116.4	159.3	162.3	162.5
Jul 11	119.7	116.0	159.6	162.5	162.8
Jul 12	119.5	116.2	160.1	162.6	162.9
Jul 13	119.6	116.0	160.6	162.9	163.1
Jul 14	119.7	115.7	161.0	163.0	163.3
Jul 15	119.8	115.7	161.2	163.2	163.5
Jul 16	119.7	116.8	161.5	163.3	163.6
Jul 17	120.3	117.8	161.6	163.5	163.8
Jul 18	120.9	117.8	161.7	163.6	163.8
Jul 19	121.3	117.6	161.6	163.6	163.9
Jul 20	121.8	117.1	161.6	163.9	164.1
Jul 21	122.1	117.0	161.8	164.0	164.3
Jul 22	122.4	116.3	161.9	164.2	164.5
Jul 23	122.3	115.8	161.9	164.3	164.6
Jul 24	122.4	115.3	162.3	164.4	164.7
Jul 25	122.2	114.6	162.5	164.6	164.8
Jul 26	121.9	113.9	162.5	164.6	164.8
Jul 27	122.3	113.6	162.4	164.6	164.9
Jul 28	122.7	113.4	162.3	164.6	164.9
Jul 29	122.8	113.4	162.5	164.7	165.0
Jul 30	123.0	113.3	162.5	164.8	165.0
Jul 31	123.3	113.3	162.7	164.9	165.1
Average	**120.9**	**116.6**	**160.5**	**163.3**	**163.5**

Solid Waste Daily Borehole Temperature Averages for Borehole 16

Chiquita LF

	Depth from Surface					
TP-16	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**80 ft**	**100 ft**
Jul 1	102.0	118.0	123.1	122.6	128.8	134.73
Jul 2	101.9	118.0	123.2	122.6	128.8	134.71
Jul 3	102.0	118.1	123.3	122.6	129.0	134.9
Jul 4	102.1	118.1	123.3	122.6	128.9	134.85
Jul 5	102.2	118.2	123.4	122.7	129.2	135.06
Jul 6	102.4	118.2	123.4	122.7	129.2	135.09
Jul 7	102.5	118.2	123.4	122.7	129.2	135.02
Jul 8	102.7	118.2	123.4	122.6	129.2	135
Jul 9	102.8	118.2	123.5	122.7	129.5	135.11
Jul 10	102.8	118.2	123.5	122.7	129.8	135.2
Jul 11	102.8	118.2	123.5	122.7	129.6	135.17
Jul 12	102.8	118.1	123.5	122.7	129.3	134.96
Jul 13	102.9	118.2	123.6	122.8	129.4	135.08
Jul 14	103.0	118.2	123.6	122.7	129.3	135.1
Jul 15	103.0	118.2	123.6	122.8	129.3	135.11
Jul 16	103.0	118.2	123.5	122.7	129.3	135.08
Jul 17	103.0	118.2	123.6	122.8	129.4	135.2
Jul 18	103.0	118.3	123.7	122.8	129.4	135.27
Jul 19	102.9	118.3	123.6	122.8	129.4	135.27
Jul 20	102.9	118.4	123.7	122.9	129.4	135.32
Jul 21	102.9	118.4	123.7	122.9	129.4	135.27
Jul 22	102.9	118.4	123.7	123.0	129.4	135.35
Jul 23	102.9	118.4	123.7	123.0	129.4	135.35
Jul 24	102.9	118.5	123.7	123.2	129.4	135.41
Jul 25	102.9	118.5	123.8	123.2	129.5	135.45
Jul 26	102.9	118.6	123.8	123.2	129.4	135.35
Jul 27	102.9	118.5	123.7	123.2	129.3	135.26
Jul 28	102.8	118.5	123.6	123.2	129.1	135.2
Jul 29	102.7	118.5	123.7	123.3	129.1	135.25
Jul 30	102.8	118.6	123.7	123.4	129.2	135.3
Jul 31	102.8	118.6	123.8	123.5	129.3	135.38
Average	**102.7**	**118.3**	**123.6**	**122.9**	**129.3**	**135.15**

Solid Waste Daily Borehole Temperature Averages for Borehole 17

Chiquita LF

	Depth from Surface						
TP-17	**15 ft**	**30 ft**	**45 ft**	**60 ft**	**80 ft**	**100 ft**	**125 ft**
Jul 1	114.4	113.8	119.8	138.2	138.5	138.44	138.6
Jul 2	114.4	113.8	119.8	138.1	138.4	138.31	138.46
Jul 3	115.1	114.0	119.9	138.2	138.6	138.46	138.6
Jul 4	116.6	113.8	119.8	138.1	138.4	138.37	138.53
Jul 5	117.9	114.0	119.9	138.1	138.6	138.63	138.84
Jul 6	117.6	114.0	120.0	138.1	138.6	138.57	138.74
Jul 7	116.6	113.9	119.9	138.1	138.5	138.4	138.6
Jul 8	115.7	114.0	120.0	138.1	138.5	138.4	138.59
Jul 9	115.1	113.9	120.1	138.1	138.6	138.48	138.65
Jul 10	114.7	113.9	120.1	138.1	138.6	138.54	138.71
Jul 11	114.5	113.8	120.1	138.1	138.5	138.47	138.66
Jul 12	114.3	113.5	120.1	138.0	138.2	138.12	138.35
Jul 13	114.9	113.6	120.2	138.1	138.5	138.37	138.49
Jul 14	115.4	113.6	120.2	138.0	138.4	138.26	138.48
Jul 15	115.3	113.7	120.3	138.0	138.4	138.26	138.44
Jul 16	114.8	113.6	120.2	137.9	138.3	138.14	138.4
Jul 17	114.3	113.7	120.4	137.9	138.4	138.27	138.43
Jul 18	113.9	113.9	120.5	138.0	138.4	138.37	138.49
Jul 19	113.4	113.9	120.5	138.0	138.4	138.36	138.53
Jul 20	113.7	114.0	120.6	138.0	138.5	138.47	138.56
Jul 21	114.6	117.5	120.8	138.0	138.6	138.49	138.61
Jul 22	115.7	120.4	121.0	138.1	138.7	138.52	138.7
Jul 23	116.7	122.0	121.1	138.2	138.7	138.54	138.74
Jul 24	117.7	122.6	121.3	138.3	138.7	138.65	138.82
Jul 25	118.7	122.9	121.2	138.4	138.9	138.78	139.01
Jul 26	119.2	122.8	121.3	138.3	138.8	138.7	138.96
Jul 27	119.6	123.1	121.4	138.4	138.8	138.55	138.83
Jul 28	119.9	123.2	121.4	138.4	138.7	138.49	138.65
Jul 29	120.3	123.5	121.5	138.4	138.8	138.52	138.74
Jul 30	120.6	123.3	122.0	138.5	138.9	138.66	138.86
Jul 31	120.8	123.3	122.1	138.6	139.1	138.82	138.99
Average	**116.3**	**116.8**	**120.6**	**138.2**	**138.6**	**138.46**	**138.46**

Solid Waste Daily Borehole Temperature Averages for Borehole 18

Chiquita LF

	Depth from Surface		
TP-18	**15 ft**	**30 ft**	**45 ft**
Jul 1	121.5	133.2	138.5
Jul 2	121.4	133.2	138.5
Jul 3	121.5	133.3	138.6
Jul 4	121.4	133.2	138.6
Jul 5	121.5	133.4	138.8
Jul 6	121.5	133.4	138.8
Jul 7	121.4	133.3	138.8
Jul 8	121.4	133.3	139.0
Jul 9	121.5	133.4	139.2
Jul 10	121.5	133.5	139.5
Jul 11	121.5	133.5	139.7
Jul 12	121.2	133.2	139.5
Jul 13	121.3	133.4	139.6
Jul 14	121.2	133.3	139.5
Jul 15	121.4	133.4	139.5
Jul 16	121.2	133.4	139.4
Jul 17	121.2	133.5	139.4
Jul 18	121.4	133.5	139.4
Jul 19	121.3	133.6	139.4
Jul 20	121.3	133.6	139.4
Jul 21	121.2	133.6	139.4
Jul 22	121.2	133.6	139.3
Jul 23	121.2	133.7	139.4
Jul 24	121.2	133.7	139.6
Jul 25	121.2	133.7	139.6
Jul 26	121.1	133.7	139.5
Jul 27	121.0	133.5	139.3
Jul 28	121.1	133.4	139.3
Jul 29	121.1	133.6	139.3
Jul 30	121.1	133.6	139.3
Jul 31	121.0	133.7	139.4
Average	**121.3**	**133.5**	**139.2**

Solid Waste Daily Borehole Temperature Averages for Borehole 19

Chiquita LF

	Depth from Surface						
TP-19	**15 ft**	**30 ft**	**45 ft**	**75 ft**	**100 ft**	**125 ft**	**150 ft**
Jul 1	128.2	134.4	136.3	150.8	152.3	151.5	161.64
Jul 2	128.2	134.4	136.4	150.7	152.2	151.5	161.62
Jul 3	128.3	134.5	136.4	150.9	152.3	151.6	161.69
Jul 4	128.4	134.6	136.5	150.8	152.2	151.6	161.69
Jul 5	128.4	134.7	136.5	151.0	152.3	151.8	161.79
Jul 6	128.7	134.9	136.5	151.0	152.3	151.8	161.81
Jul 7	128.8	134.9	136.6	150.8	152.2	151.7	161.81
Jul 8	129.0	134.9	136.5	150.8	152.3	151.6	161.84
Jul 9	129.1	135.0	136.6	150.8	152.2	151.7	161.87
Jul 10	129.2	135.1	136.6	150.8	152.3	151.8	161.95
Jul 11	129.3	135.2	136.6	150.8	152.2	151.7	161.98
Jul 12	129.3	135.1	136.6	150.4	152.0	151.4	161.74
Jul 13	129.5	135.3	136.7	150.6	152.1	151.6	161.92
Jul 14	129.5	135.3	136.7	150.5	152.0	151.4	161.87
Jul 15	129.6	135.3	136.7	150.5	152.0	151.4	161.87
Jul 16	129.6	135.2	136.7	150.5	152.0	151.3	161.84
Jul 17	129.7	135.2	136.8	150.5	152.0	151.4	161.86
Jul 18	129.7	135.3	136.8	150.6	152.1	151.4	161.98
Jul 19	129.7	135.2	136.8	150.6	152.0	151.4	161.92
Jul 20	129.7	135.2	136.8	150.6	152.0	151.5	161.95
Jul 21	129.7	135.1	136.9	150.6	152.1	151.5	162.02
Jul 22	129.6	135.1	136.9	150.6	152.0	151.4	161.92
Jul 23	129.6	135.0	136.9	150.5	151.9	151.4	161.91
Jul 24	129.6	135.0	137.0	150.7	152.0	151.4	161.99
Jul 25	129.7	135.1	137.0	150.7	152.1	151.5	161.98
Jul 26	129.8	135.0	137.0	150.7	152.0	151.4	162.01
Jul 27	129.9	135.0	137.1	150.4	151.9	151.2	161.89
Jul 28	130.0	134.9	137.1	150.4	151.9	151.1	161.83
Jul 29	130.3	134.9	137.2	150.4	151.9	151.2	161.87
Jul 30	130.5	134.9	137.1	150.5	152.0	151.2	161.79
Jul 31	130.7	134.9	137.1	150.5	152.0	151.3	161.83
Average	**129.4**	**135.0**	**136.8**	**150.7**	**152.1**	**151.5**	**161.86**

Solid Waste Daily Borehole Temperature Averages for Borehole 20

Chiquita LF

	Depth from Surface		
TP-20	**15 ft**	**30 ft**	**45 ft**
Jul 1	124.7	132.2	138.8
Jul 2	124.5	132.0	138.8
Jul 3	124.5	132.0	138.9
Jul 4	124.0	131.8	138.8
Jul 5	124.1	131.8	138.9
Jul 6	124.3	131.9	138.9
Jul 7	124.4	131.8	138.8
Jul 8	124.5	131.8	138.7
Jul 9	124.8	132.0	138.7
Jul 10	124.6	131.8	138.8
Jul 11	124.3	131.7	138.9
Jul 12	124.0	131.4	138.6
Jul 13	124.2	131.5	138.8
Jul 14	124.2	131.5	138.8
Jul 15	124.4	131.5	138.8
Jul 16	124.3	131.4	138.7
Jul 17	124.3	131.5	138.7
Jul 18	124.6	131.5	138.7
Jul 19	124.7	131.5	138.8
Jul 20	124.2	131.4	138.8
Jul 21	124.2	131.4	138.8
Jul 22	124.0	131.3	138.8
Jul 23	124.3	131.3	138.7
Jul 24	123.8	131.3	138.8
Jul 25	123.5	131.2	138.8
Jul 26	123.1	131.2	138.8
Jul 27	122.8	131.0	138.7
Jul 28	122.5	130.9	138.7
Jul 29	122.5	131.0	138.7
Jul 30	122.7	130.9	138.6
Jul 31	122.6	131.0	138.7
Average	**124.0**	**131.5**	**138.8**

Attachment F

Lab Analysis and Draeger Tube Readings

Attachment F - Lab Analysis and Draeger Tube Data
July 2024

	Permanent Flare Station					Zeeco TOx (Reaction Area)			
Date Sampled	Flare	Draeger Tube (ppmv)	Lab Analysis (ppmv)			Draeger Tube (ppmv)	Lab Analysis (ppmv)		
		H2S	H2S	DMS	TRS	H2S	H2S	DMS	TRS
7/1/24	FL-2009	20	21.3	217	316.0	275	328	376	902.8
7/2/24	FL-2009	18	20.8	197	288.8	220	342	337	858.3
7/3/24	FL-2009	18	22.7	206	318.3	210	321	391	904.0
7/4/24	FL-2009	32	34.3	220	327.1	290	304	369	864.7
7/5/24	FL-2009	27	30.4	204	304.7	290	315	360	863.5
7/6/24	FL-2009	23	27	228	335.6	210	337	331	847.0
7/7/24	FL-2009	13	30.8	294	430.8	50	279	294	728.9
7/8/24	FL-2009	16	36.2	273	399.2	140	307	360	862.1
7/9/24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
7/10/24	FL-2009	22	46.4	241	372.7	320	369	219	714.3
7/11/24	FL-2009	30	46.6	282	422.7	380	400	306	877.3
7/12/24	FL-2009	32	49	237	360.9	390	279	376	886.9
7/13/24	FL-2009	25	28.3	261	368.9	225	313	464	1044.4
7/14/24	FL-2009	6	11.2	277	377.6	199	78.1	486	766.8
7/15/24	FL-2009	12	21.2	280	389.4	340	333	468	1076.2
7/16/24	FL-2009	12	15.4	286	385.4	200	263	570	1137.9
7/17/24	FL-2009	15	19.8	258	355.0	210	248	537	1067.8
7/18/24	FL-2009	18	21.7	266	372.0	200	242	486	986.1
7/19/24	FL-2009	18	26.2	294	421.6	210	310	481	1043.8
7/20/24	FL-2009	26	28.7	242	348.7	210	289	504	1071.1
7/21/24	FL-2009	25	27.2	265	386.9	205	333	732	1417.3
7/22/24	FL-2009	26	37	217	339.3	280	339	722	1411.7
7/23/24	FL-2009	17	23.3	275	367.0	200	338	702	1383.7
7/24/24	FL-2009	13	23.7	268	364.7	180	212	480	907.0
7/25/24	FL-2009	18	34.6	272	382.4	180	205	296	650.6
7/26/24	FL-2009	28	40.6	236	352.9	180	218	396	809.8
7/27/24	FL-2009	30	38	266	391.9	180	182	259	582.2
7/28/24	FL-2009	26	8.52	308	418.5	110	199	275	625.8
7/29/24	FL-2009	20	28	282	406.1	160	182	258	586.6
7/30/24	FL-2009	20	21.2	256	378.8	160	206	312	688.7
7/31/24	FL-2009	22	34.4	290	421.0	180	208	297	664.4

N/A: Not available due to missed reading or sampling

Attachment F - Lab Analysis and Draeger Tube Data

Chiquita Canyon Landfill Flare Station H_2S Draeger Tube Readings

July 2024

			Tube Used				
Sample Date	**Time**	**H_2S (PPM)**	**2 to 20 ppm 20 to 200 ppm (6728821)**	**5 to 60 ppm (29801)**	**100 to 2000 ppm (CH29101)**	**Technician**	**Flare**
7/1/2024	8:00	20	x			Cage Johnson	FL-2009
7/2/2024	7:55	18		x		Donald Senegal	FL-2009
7/3/2024	8:40	18		x		Jaime Coronel	FL-2009
7/4/2024	7:05	32		x		Mark Guerrero	FL-2009
7/5/2024	7:20	27		x		Mark Guerrero	FL-2009
7/6/2024	8:45	23		x		Donald Senegal	FL-2009
7/7/2024	15:05	13		x		Christian Villagomez	FL-2009
7/8/2024	7:35	16		x		Jaime Coronel	FL-2009
7/9/2024	N/A	Missed reading				N/A	N/A
7/10/2024	8:20	22		x		Jaime Coronel	FL-2009
7/11/2024	7:30	30		x		Jaime Coronel	FL-2009
7/12/2024	7:30	32		x		Jaime Coronel	FL-2009
7/13/2024	8:35	25		x		Donald Senegal	FL-2009
7/14/2024	14:50	6		x		Christian Villagomez	FL-2009
7/15/2024	7:40	12		x		Jaime Coronel	FL-2009
7/16/2024	16:40	12		x		Jaime Coronel	FL-2009
7/17/2024	7:20	15		x		Jaime Coronel	FL-2009
7/18/2024	7:30	18		x		Jaime Coronel	FL-2009
7/19/2024	7:40	18		x		Jaime Coronel	FL-2009
7/20/2024	7:15	26		x		Christian Villagomez	FL-2009
7/21/2024	14:32	25	x			Cage Johnson	FL-2009
7/22/2024	8:10	26		x		Jaime Coronel	FL-2009
7/23/2024	19:40	17		x		Erik Navarro	FL-2009
7/24/2024	7:30	13		x		Fabian Chavez	FL-2009
7/25/2024	7:45	18		x		Jaime Coronel	FL-2009
7/26/2024	7:35	28		x		Jaime Coronel	FL-2009
7/27/2024	7:40	30	x			Donald Senegal	FL-2009
7/28/2024	15:30	26		x		Christian Villagomez	FL-2009
7/29/2024	7:40	20	x			Erik Navarro	FL-2009
7/30/2024	9:47	20	x			Erik Navarro	FL-2009
7/31/2024	7:45	22	x			Jaime Coronel	FL-2009

N/A: Not available due to missed reading

Attachment F - Lab Analysis and Draeger Tube Data
Chiquita Canyon Landfill Zeeco TOx H_2S Draeger Tube Readings
July 2024

			Tube Used			
Sample Date	**Time**	**H_2S (PPM)**	**2 to 20 ppm 20 to 200 ppm (6728821)**	**5 to 60 ppm (29801)**	**100 to 2000 ppm (CH29101)**	**Technician**
7/1/2024	8:00	275			x	Cage Johnson
7/2/2024	8:27	220			x	Donald Senegal
7/3/2024	8:10	210			x	Jaime Coronel
7/4/2024	7:20	290			x	Mark Guerrero
7/5/2024	7:35	290			x	Mark Guerrero
7/6/2024	8:55	210			x	Donald Senegal
7/7/2024	3:15	50			x	Christian Villagomez
7/8/2024	7:45	140			x	Jaime Coronel
7/9/2024	N/A	Missed reading				N/A
7/10/2024	8:10	320			x	Jaime Coronel
7/11/2024	7:20	380			x	Jaime Coronel
7/12/2024	7:20	390			x	Jaime Coronel
7/13/2024	8:05	225			x	Donald Senegal
7/14/2024	14:55	199			x	Christian Villagomez
7/15/2024	7:20	340			x	Jaime Coronel
7/16/2024	16:30	200			x	Jaime Coronel
7/17/2024	7:10	210			x	Jaime Coronel
7/18/2024	7:20	200			x	Jaime Coronel
7/19/2024	7:20	210			x	Jaime Coronel
7/20/2024	7:30	210			x	Christian Villagomez
7/21/2024	14:33	205			x	Cage Johnson
7/22/2024	8:00	280			x	Jaime Coronel
7/23/2024	15:00	200			x	Jaime Coronel
7/24/2024	7:40	180			x	Fabian Chavez
7/25/2024	7:30	180			x	Jaime Coronel
7/26/2024	7:20	180			x	Jaime Coronel
7/27/2024	7:30	180			x	Donald Senegal
7/28/2024	15:05	110			x	Christian Villagomez
7/29/2024	7:45	160			x	Erik Navarro
7/30/2024	9:45	160			x	Erik Navarro
7/31/2024	7:35	180			x	Jaime Coronel

N/A: Not available due to missed reading

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Cage Johnson

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
20 to 200 ppm (67 28 821 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-01	08:00 AM	20	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-02	07:55 AM	18		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-03	08:40 AM	18		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Mark Guerrero

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-04	07:05 AM	32		MG

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Mark Guerrero

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-05	07:20 AM	27		MG

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-06	08:45 AM	23	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 60 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-07	03:05 PM	13		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-08	07:35 AM	16		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-10	08:20 AM	22		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-11	07:30 AM	30		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-12	07:30 AM	32		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-13	08:35 AM	25	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-14	02:50 PM	6ppm		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-15	07:40 AM	12		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-16	04:40 PM	12		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-17	07:20 AM	15		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-18	07:30 AM	18		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-19	07:40 AM	18		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-20	07:15 AM	26		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Cage Johnson

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
20 to 200 ppm (67 28 821 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-21	02:32 PM	25	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-22	08:10 AM	26		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Erik Navarro

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-23	07:40 PM	17ppm		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Fabian Chavez

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-24	07:30 AM	13		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-25	07:45 AM	18		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-26	07:35 AM	28		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
20 to 200 ppm (67 28 821 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-27	07:40 AM	30	30ppm	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
5 to 60 ppm (CH 29 801 - 10 strokes)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-28	03:30 PM	26		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Erik Navarro

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
20 to 200 ppm (67 28 821 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-29	07:40 AM	20		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Erik Navarro

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
20 to 200 ppm (67 28 821 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-30	09:47 AM	20		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: FL-2009

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
20 to 200 ppm (67 28 821 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-31	07:45 AM	22		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Cage Johnson

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-01	08:00 AM	275	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-02	08:27 AM	22		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-03	08:10 AM	210		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Mark Guerrero

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-04	07:20 AM	290		MG

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Mark Guerrero

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-05	07:35 AM	290		MG

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-06	08:55 AM	210	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-07	03:15 AM	50		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
7/8/24	07:45 AM	140		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-10	08:10 AM	320		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-11	07:20 AM	380		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-12	07:20 AM	390		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-13	08:05 AM	225	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-14	02:55 PM	199		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-15	07:20 AM	340		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-16	04:30 PM	200		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-17	07:10 AM	210		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-18	07:20 AM	200		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-19	07:20 AM	210		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-20	07:30 AM	210		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Cage Johnson

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-21	02:33 PM	205	None	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-22	08:00 AM	280		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-23	03:00 PM	200		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Fabian Chavez

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-24	07:40 AM	180		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-25	07:30 AM	180		JC

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-26	07:20 AM	180		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Donald Senegal

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-27	07:30 AM	180	180 PPM	

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Christian Villagomez

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-28	03:05 PM	110		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Erik Navarro

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-29	07:45 AM	160		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: Erik Navarro

SAMPLE PORT: Zeeco

INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-30	09:45 AM	160		

CHIQUITA CANYON LANDFILL

H_2S READING

READING TAKEN BY: 07 Jaime Coronel

SAMPLE PORT: Zeeco

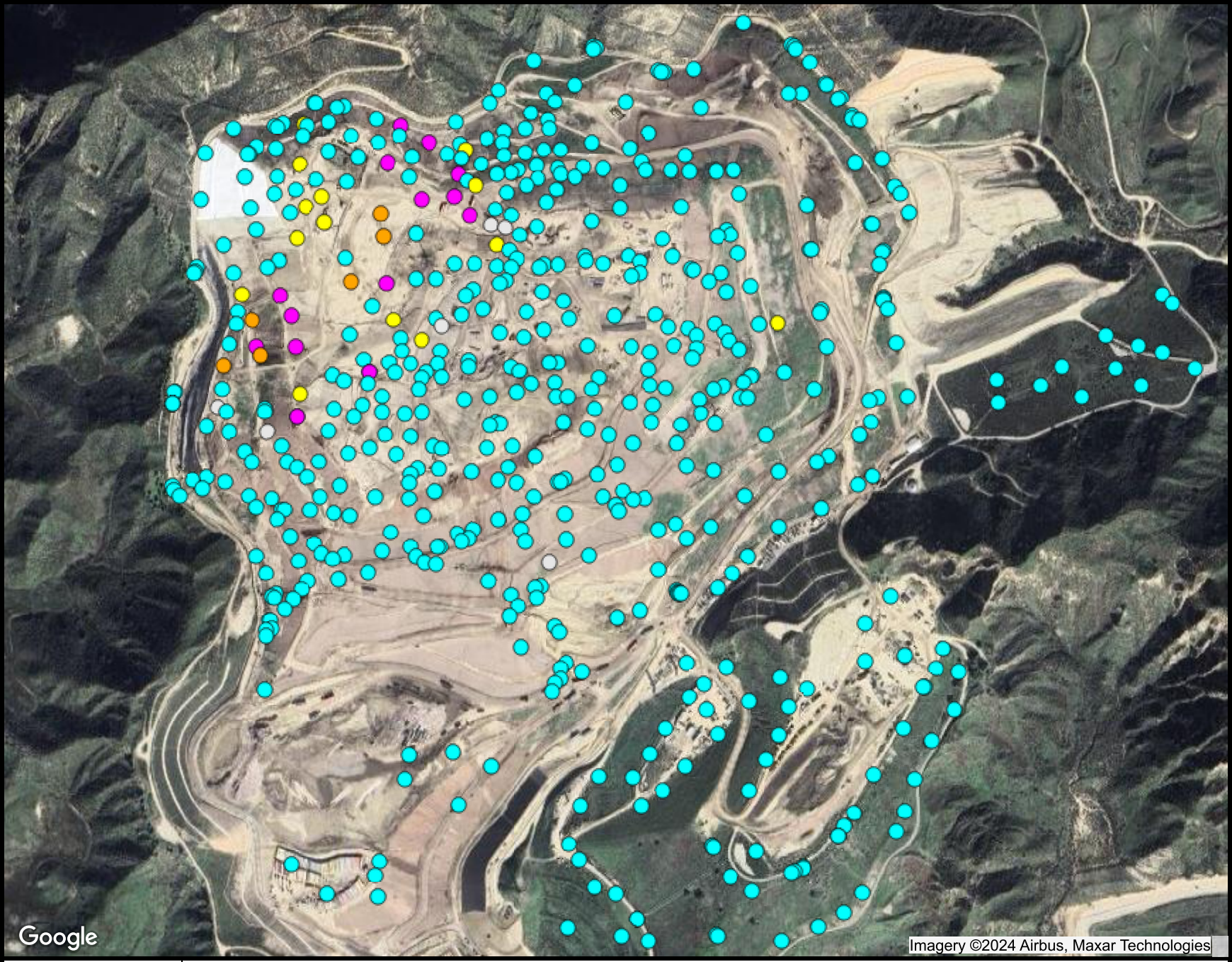
INSTRUMENT USED: Accuro 2000 hand pump

TUBE USED:
100 to 2000 ppm (CH 29 101 - 1 stroke)

DATE	TIME	H_2S (PPM)	COMMENTS	INITIALS
2024-07-31	07:35 AM	180		

Attachment G

Graphic Map



Ranges Mapped

				# Points
>	-50	and <=	145	531
>	145	and <=	160	14
>	160	and <=	169.99	6
>	169.99	and <=	999	14
	N/A		N/A	6

Point Type Legend

well

N

SCSeTools

Chiquita Canyon Landfill

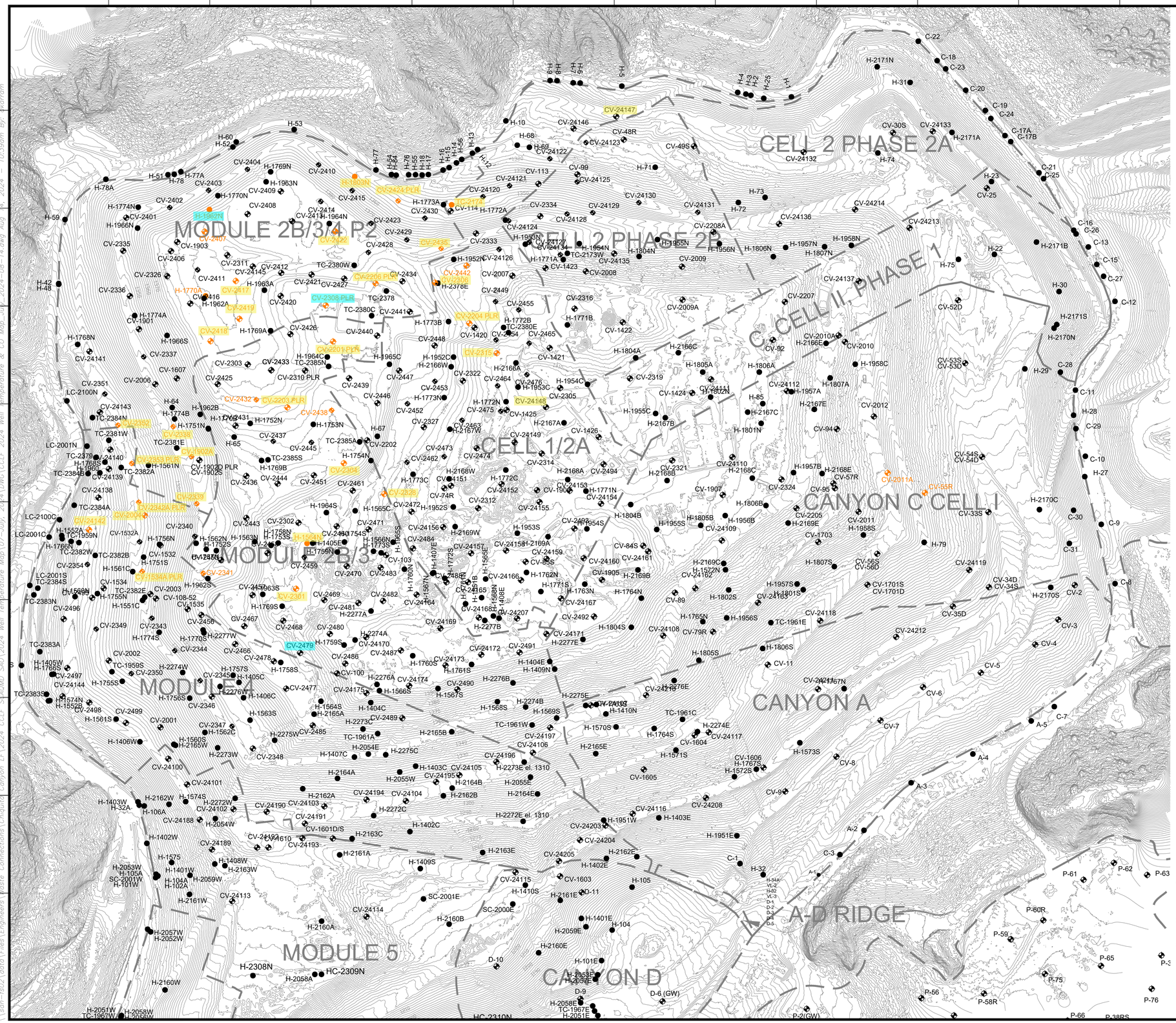
Range Map

Parameter: Adj Temp (high range)

Analysis Method: Average

Date Range: 07/01/2024 - 07/31/2024

Map generation date : 08/02/2024


CELL 2 PHASE 2A
MODULE 2B/3A P2
CELL 2 PHASE 2B
C CELL II, PHASE 1
CELL 1/2A
CANYON C CELL I
MODULE 2B/3
MODULE 4
CANYON A
MODULE 5
CANYON D
A-D RIDGE
CV-24147
CV-24424 PLR
CV-2424 PLR
CV-2206 PLR
CV-2308 PLR
CV-2204 PLR
CV-2203 PLR
CV-2310 PLR
CV-2201 PLR
CV-2202 PLR
CV-2303
CV-2338
CV-2342A PLR
CV-2342B PLR
CV-2339
CV-2341
CV-2301
CV-2479
CV-2328
CV-2315
CV-2442
CV-2336
CV-24148
CV-1601D/S
CV-2011A
CV-55R
H-1803N
H-1804N
H-2378E
H-2276W
H-2274W
H-2275W
H-2273W
H-2272W
H-2272E el. 1310
H-2273E el. 1310
H-2308N
HC-2309N
HC-2310N
HC-2173W
LC-2177
LC-2100N
LC-2001N
LC-2100C
LC-2001C
LC-2001S
SC-2001W
SC-2001E
SC-2000E
D-10
D-11
D-9
D-6 (GW)
P-2(GW)
A-1
A-2
A-3
A-4
A-5
A-6
A-7
A-8
A-9
A-10
A-11
A-12
A-13
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A-34
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A-37
A-38
A-39
A-40

Attachment H

Sulfur Treatment Bench Scale Test – Analytical Results

All 307.91 and TO-15 results reported as *ppmv* , except for "Total Sulfur" which is reported as *ppmv as H2S*

		Inlet Sample 6/20 - AM	Outlet Sample 6/20 - AM	Inlet Sample 6/20 - PM	Outlet Sample 6/20 - PM	Inlet Sample 6/21 - PM	Outlet Sample 6/21 - PM
	ASTM D1946						
	Methane (%)	29.52	31.83	28.91	24.45	20.79	32.04
	SCAQMD 307.91 Analysis						
	Hydrogen Sulfide	163.5	78.85	221.5	37.60	0.15	25.10
	Carbonyl Sulfide	0.86	1.14	1.03	0.85	0.70	1.08
	Methyl Mercaptan	117.5	86.00	207.5	86.25	0.38	35.20
	Ethyl Mercaptan	1.7	1.22	2.72	1.51	<0.10	<0.80
	Dimethyl Sulfide	333.5	321.50	548	372.00	17.00	344.50
	Carbon Disulfide	<0.80	<0.80	<0.80	<0.80	0.16	<0.80
	i-Propyl Mercaptan	1.84	2.00	2.635	1.74	<0.10	<0.80
	t-Butyl mercaptan	<0.80	<0.80	<0.80	<0.80	<0.10	<0.80
	n-Propyl mercaptan	4.06	3.88	6.765	4.48	0.36	3.78
	s-Butyl Mercaptan	3.62	3.85	5.77	3.81	1.54	2.96
	i-Butyl Mercaptan	<0.80	<0.80	<0.80	<0.80	<0.10	<0.80
	Dimethyl Disulfide	1.355	2.54	1.665	2.30	1.59	5.65
	Tetrahydrothiophene	0.96	1.08	1.575	1.04	0.13	0.90
	Unidentified Sulfurs	2.17	2.44	3.365	3.26	0.87	2.30
	Total Sulfur	632.42	507.03	1004.19	517.13	24.59	427.12
	EPA TO-15 Analysis						
	Freon 12	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	Chloromethane	<3.8	3.85	<3.8	<3.8	<3.8	<3.8
	Freon 114	<2.1	<2.1	<2.1	<2.1	<2.1	<2.1
	Vinyl Chloride	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
	1,3-Butadiene	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5
	Bromomethane	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9
	Chloroethane	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	Acetone	279	1285	120.5	93.1	51.8	130
	Freon 11	<2.9	<2.9	<2.9	<2.9	<2.9	<2.9
	Isopropyl Alcohol	611.5	658	294	203	90.7	327
	1,1-Dichloroethene	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
	Methylene Chloride	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	Carbon Disulfide	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	Freon 113	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	trans-1,2-Dichloroethene	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
	1,1-Dichloroethane	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7
	MTBE	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
	Vinyl Acetate	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	2-Butanone	1460	821	474.5	346	240.5	488
	cis-1,2-Dichloroethene	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
	n-Hexane	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
	Chloroform	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
Glues, nail polish remover, etc	Ethyl Acetate	146	66.5	39.3	30.9	23.25	39.3
	Tetrahydrofuran	858	976	413.5	316	48.85	342
	1,2-Dichloroethane	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7
	1,1,1-Tricloroethane	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
	Benzene	116	568	233.5	192	78.1	141
	Carbon Tetrachloride	<2.4	<2.4	<2.4	<2.4	<2.4	<2.4
	Cyclohexane	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
	1,2-Dicloropropane	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2
	Bromodichloromethane	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
	Trichloroethene	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
	1,4-Dioxane	8.73	7.89	<4.2	<4.2	<4.2	<4.2
	n-Heptane	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7

	cis-1,3-Dichloropropene	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
Gums, resins, paints, etc	4-Methyl-2-pentanone	35.45	35.3	14	10.6	9.825	13.6
	trans-1,3-Dichloropropene	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
	1-1-2-Trichloroethane	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
	Toluene	8.585	65.5	12.85	11.5	6.195	10.3
Solvent that dissolves vinyl polymers, etc	2-Hexanone	5.83	8.9	<3.7	<3.7	<3.7	<3.7
	Dibromochloromethane	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
	1,2-Dibromoethane	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Tetrachloroethene	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
	Chlorobenzene	<3.3	<3.3	<3.3	<3.3	<3.3	<3.3
	Ethylbenzene	<3.5	28.9	<3.5	<3.5	<3.5	<3.5
	m,p-Xylene	<3.5	30.5	<3.5	<3.5	<3.5	<3.5
	Bromoform	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
	Styrene	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5
	1,1,2,2-Tetrachloroethane	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
	o-Xylene	<3.5	8.99	<3.5	<3.5	<3.5	<3.5
	Benzyl Chloride	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
	4-Ethyl Toluene	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
	1,3,5-Trimethyl Benzene	<3.1	4.76	<3.1	<3.1	<3.1	<3.1
	1,2,4-Trimethyl Benzene	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
	1,3-Dichlorobenzene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	1,4-Dichlorobenzene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	1,2-Dichlorobenzene	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
	1,2,4-Trichlorobenzene	<8.1	<8.1	<8.1	<8.1	<8.1	<8.1
	Hexachlorobutadiene	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

July 16, 2024 LTR/2453/24

Cornelius L. Fong
SCS Engineers
3900 Kilroy Airport Way
Suite 100
Long Beach, CA 90806

RE: Chiquita CH Inlet/Outlet samples

Dear Corn,

Please find enclosed the laboratory analysis reports, quality assurance summaries, and the chain of custody forms for a total of six Tedlar bag samples received June 20-21, 2024.

The Tedlar bag samples were analyzed for methane, SCAQMD 307.91 total sulfur components, and EPA TO-15 components as requested on the chain of custody form.

Sincerely,

AtmAA, Inc.

Brian W. Fung
Laboratory Director

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Methane Analysis in Tedlar Bag Sample by Method ASTM D1946

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: June 20, 2024
Date Received: June 20, 2024
Date Analyzed: June 24, 2024

ANALYSIS DESCRIPTION

Methane was measured by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946.

AtmAA Lab No.:	21724-11	21724-12
Sample I.D.:	CH-Inlet-0620-9AM	CH-Outlet-0620-855AM
Components	*(Concentration in %,v)*	
Methane	29.52	31.83

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: June 20, 2024
Date Received: June 20, 2024
Date Analyzed: June 24, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in %,v)			
Methane	CH-Inlet-0620-9AM	29.51	29.53	29.52	0.07
	CH-Outlet-0620-855AM	31.83	31.82	31.83	0.03

Two Tedlar bag samples, laboratory numbers 21724-(11-12), were analyzed for methane. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 2 repeat measurements from two Tedlar bag samples is 0.05%.

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specialized air assessment laboratory
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LABORATORY ANALYSIS REPORT

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS Method EPA TO-15

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: June 20, 2024
Date Analyzed: June 22, 2024

AtmAA Lab No.:	21724-11	21724-12
Sample ID:	CH-Inlet-0620-9AM	CH-Outlet-0620-855AM
Components	*(Concentations in ppmv)*	
Freon 12	<3.0	<3.0
Chloromethane	<3.8	<3.8
Freon 114	<2.1	<2.1
Vinyl Chloride	<3.1	<3.1
1,3-Butadiene	<3.5	<3.5
Bromomethane	<3.9	<3.9
Chloroethane	<3.0	<3.0
Acetone	279	264
Freon 11	<2.9	<2.9
Isopropyl Alcohol	612	788
1,1-Dichloroethene	<3.8	<3.8
Methylene Chloride	<4.3	<4.3
Carbon Disulfide	<2.5	<2.5
Freon 113	<2.0	<2.0
trans-1,2-Dichloroethene	<3.8	<3.8
1,1-Dichloroethane	<3.7	<3.7
MTBE	<4.2	<4.2
Vinyl Acetate	<4.3	<4.3
2-Butanone	1460	1540
cis-1,2-Dichloroethene	<3.8	<3.8
n-Hexane	<4.3	<4.3
Chloroform	<3.1	<3.1
Ethyl Acetate	146	175
Tetrahydrofuran	858	796
1,2-Dichloroethane	<3.7	<3.7
1,1,1-Trichloroethane	<2.8	<2.8
Benzene	116	74.2
Carbon Tetrachloride	<2.4	<2.4
Cyclohexane	<4.4	<4.4
1,2-Dichloropropane	<3.2	<3.2
Bromodichloromethane	<2.2	<2.2
Trichloroethene	<2.8	<2.8
1,4-Dioxane	8.73	6.71
n-Heptane	<3.7	<3.7
cis-1,3-Dichloropropene	<3.3	<3.3
4-Methyl-2-pentanone	35.5	27.4
trans-1,3-Dichloropropene	<3.3	<3.3
1,1-2-Trichloroethane	<2.8	<2.8
Toluene	8.59	6.39
2-Hexanone	5.83	4.59
Dibromochloromethane	<1.8	<1.8
1,2-Dibromoethane	<2.0	<2.0
Tetrachloroethene	<2.2	<2.2
Chlorobenzene	<3.3	<3.3
Ethylbenzene	<3.5	<3.5
m,p-Xylene	<3.5	<3.5
Bromoform	<1.5	<1.5
Styrene	<3.5	<3.5
1,1,2,2-Tetrachloroethane	<2.2	<2.2
o-Xylene	<3.5	<3.5
Benzyl Chloride	<3.0	<3.0
4-Ethyl Toluene	<3.1	<3.1
1,3,5-Trimethyl Benzene	<3.1	<3.1
1,2,4-Trimethyl Benzene	<3.1	<3.1
1,3-Dichlorobenzene	<2.5	<2.5
1,4-Dichlorobenzene	<2.5	<2.5
1,2-Dichlorobenzene	<2.5	<2.5
1,2,4-Trichlorobenzene	<8.1	<8.1
Hexachlorobutadiene	<5.6	<5.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Received: June 20, 2024
Date Analyzed: June 22, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Freon-12	CH-Inlet-0620-9AM	<3.0	<3.0	---	---
Chloromethane	CH-Inlet-0620-9AM	<3.8	<3.8	---	---
Freon 114	CH-Inlet-0620-9AM	<2.1	<2.1	---	---
Vinyl Chloride	CH-Inlet-0620-9AM	<3.1	<3.1	---	---
1,3-Butadiene	CH-Inlet-0620-9AM	<3.5	<3.5	---	---
Bromomethane	CH-Inlet-0620-9AM	<3.9	<3.9	---	---
Chloroethane	CH-Inlet-0620-9AM	<3.0	<3.0	---	---
Acetone	CH-Inlet-0620-9AM	306	252	279	19
Freon 11	CH-Inlet-0620-9AM	<2.9	<2.9	---	---
Isopropyl Alcohol	CH-Inlet-0620-9AM	591	632	612	6.7
1,1-Dichloroethene	CH-Inlet-0620-9AM	<3.8	<3.8	---	---
Methylene Chloride	CH-Inlet-0620-9AM	<4.3	<4.3	---	---
Carbon Disulfide	CH-Inlet-0620-9AM	<2.5	<2.5	---	---
Freon 113	CH-Inlet-0620-9AM	<2.0	<2.0	---	---
trans-1,2-Dichloroethene	CH-Inlet-0620-9AM	<3.8	<3.8	---	---
1,1-Dichloroethane	CH-Inlet-0620-9AM	<3.7	<3.7	---	---
MTBE	CH-Inlet-0620-9AM	<4.2	<4.2	---	---
Vinyl Acetate	CH-Inlet-0620-9AM	<4.3	<4.3	---	---
2-Butanone	CH-Inlet-0620-9AM	1580	1340	1460	16
cis-1,2-Dichloroethene	CH-Inlet-0620-9AM	<3.8	<3.8	---	---
n-Hexane	CH-Inlet-0620-9AM	<4.3	<4.3	---	---
Chloroform	CH-Inlet-0620-9AM	<3.1	<3.1	---	---
Ethyl Acetate	CH-Inlet-0620-9AM	154	138	146	11
Tetrahydrofuran	CH-Inlet-0620-9AM	936	780	858	18
1,2-Dichloroethane	CH-Inlet-0620-9AM	<3.7	<3.7	---	---

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
1,1,1-Trichloroethane	CH-Inlet-0620-9AM	<2.8	<2.8	---	---
Benzene	CH-Inlet-0620-9AM	120	112	116	6.9
Carbon Tetrachloride	CH-Inlet-0620-9AM	<2.4	<2.4	---	---
Cyclohexane	CH-Inlet-0620-9AM	<4.4	<4.4	---	---
1,2-Dichloropropane	CH-Inlet-0620-9AM	<3.2	<3.2	---	---
Bromodichloromethane	CH-Inlet-0620-9AM	<2.2	<2.2	---	---
Trichloroethene	CH-Inlet-0620-9AM	<2.8	<2.8	---	---
1,4-Dioxane	CH-Inlet-0620-9AM	7.56	9.90	8.73	27
n-Heptane	CH-Inlet-0620-9AM	<3.7	<3.7	---	---
cis-1,3-Dichloropropene	CH-Inlet-0620-9AM	<3.3	<3.3	---	---
4-Methyl-2-pentanone	CH-Inlet-0620-9AM	31.4	39.5	35.5	23
trans-1,3-Dichloropropene	CH-Inlet-0620-9AM	<3.3	<3.3	---	---
1,1-2-Trichloroethane	CH-Inlet-0620-9AM	<2.8	<2.8	---	---
Toluene	CH-Inlet-0620-9AM	8.45	8.72	8.59	3.1
2-Hexanone	CH-Inlet-0620-9AM	5.20	6.46	5.83	22
Dibromochloromethane	CH-Inlet-0620-9AM	<1.8	<1.8	---	---
1,2-Dibromoethane	CH-Inlet-0620-9AM	<2.0	<2.0	---	---
Tetrachloroethene	CH-Inlet-0620-9AM	<2.2	<2.2	---	---
Chlorobenzene	CH-Inlet-0620-9AM	<3.3	<3.3	---	---
Ethylbenzene	CH-Inlet-0620-9AM	<3.5	<3.5	---	---
m,p-Xylene	CH-Inlet-0620-9AM	<3.5	<3.5	---	---
Bromoform	CH-Inlet-0620-9AM	<1.5	<1.5	---	---
Styrene	CH-Inlet-0620-9AM	<3.5	<3.5	---	---
1,1,2,2-Tetrachloroethane	CH-Inlet-0620-9AM	<2.2	<2.2	---	---
o-Xylene	CH-Inlet-0620-9AM	<3.5	<3.5	---	---

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Benzyl Chloride	CH-Inlet-0620-9AM	<3.0	<3.0	---	---
4-Ethyl Toluene	CH-Inlet-0620-9AM	<3.1	<3.1	---	---
1,3,5-Trimethyl Benzene	CH-Inlet-0620-9AM	<3.1	<3.1	---	---
1,2,4-Trimethyl Benzene	CH-Inlet-0620-9AM	<3.1	<3.1	---	---
1,3-Dichlorobenzene	CH-Inlet-0620-9AM	<2.5	<2.5	---	---
1,4-Dichlorobenzene	CH-Inlet-0620-9AM	<2.5	<2.5	---	---
1,2-Dichlorobenzene	CH-Inlet-0620-9AM	<2.5	<2.5	---	---
1,2,4-Trichlorobenzene	CH-Inlet-0620-9AM	<8.1	<8.1	---	---
Hexachlorobutadiene	CH-Inlet-0620-9AM	<5.6	<5.6	---	---

Two Tedlar bag samples, laboratory numbers 21724-(11-12), were analyzed for TO-15 components, by GC/MS. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from two Tedlar bag samples is 15%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: June 20, 2024
Date Received: June 20, 2024
Date Analyzed: June 20, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21724-11	21724-12
Sample I.D.:	CH-Inlet-0620-9AM	CH-Outlet-0620-855AM
Components	*(Concentration in ppmv)*	
Hydrogen sulfide	164	78.9
Carbonyl sulfide	0.86	1.14
Methyl mercaptan	118	86.0
Ethyl mercaptan	1.70	1.22
Dimethyl sulfide	334	322
Carbon disulfide	<0.80	<0.80
i-Propyl mercaptan	1.84	2.00
t-Butyl mercaptan	<0.80	<0.80
n-Propyl mercaptan	4.06	3.88
s-Butyl mercaptan	3.62	3.85
i-Butyl mercaptan	<0.80	<0.80
Dimethyl disulfide	1.36	2.54
Tetrahydrothiophene	0.96	1.08
Unidentified sulfurs	2.17	2.44
	(Concentration in ppmv, as H_2S)	
Total Sulfur	632.4	507.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: June 20, 2024
Date Received: June 20, 2024
Date Analyzed: June 20, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	CH-Inlet-0620-9AM	163	164	164	0.61
	CH-Outlet-0620-855AM	78.1	79.6	78.9	1.9
Carbonyl sulfide	CH-Inlet-0620-9AM	0.84	0.88	0.86	4.7
	CH-Outlet-0620-855AM	1.12	1.16	1.14	3.5
Methyl mercaptan	CH-Inlet-0620-9AM	117	118	118	0.85
	CH-Outlet-0620-855AM	85.2	86.8	86.0	1.9
Ethyl mercaptan	CH-Inlet-0620-9AM	1.73	1.67	1.70	3.5
	CH-Outlet-0620-855AM	1.18	1.26	1.22	6.6
Dimethyl sulfide	CH-Inlet-0620-9AM	333	334	334	0.30
	CH-Outlet-0620-855AM	318	325	322	2.2
Carbon disulfide	CH-Inlet-0620-9AM	<0.80	<0.80	---	---
	CH-Outlet-0620-855AM	<0.80	<0.80	---	---
i-Propyl mercaptan	CH-Inlet-0620-9AM	1.85	1.83	1.84	1.1
	CH-Outlet-0620-855AM	1.98	2.02	2.00	2.0
t-Butyl mercaptan	CH-Inlet-0620-9AM	<0.80	<0.80	---	---
	CH-Outlet-0620-855AM	<0.80	<0.80	---	---
n-Propyl mercaptan	CH-Inlet-0620-9AM	3.98	4.14	4.06	3.9
	CH-Outlet-0620-855AM	3.83	3.92	3.88	2.3
s-Butyl mercaptan	CH-Inlet-0620-9AM	3.56	3.68	3.62	3.3
	CH-Outlet-0620-855AM	3.86	3.84	3.85	0.52
i-Butyl mercaptan	CH-Inlet-0620-9AM	<0.80	<0.80	---	---
	CH-Outlet-0620-855AM	<0.80	<0.80	---	---
Dimethyl disulfide	CH-Inlet-0620-9AM	1.32	1.39	1.36	5.2
	CH-Outlet-0620-855AM	2.52	2.56	2.54	1.6
Tetrahydrothiophene	CH-Inlet-0620-9AM	0.96	0.96	0.96	0.00
	CH-Outlet-0620-855AM	1.09	1.07	1.08	1.9
Unidentified sulfurs	CH-Inlet-0620-9AM	2.11	2.23	2.17	5.5
	CH-Outlet-0620-855AM	2.37	2.50	2.44	5.5

Two Tedlar bag samples, laboratory numbers 21724-(11-12), were analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from two Tedlar bag samples is 2.7%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 Task 1	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TO-15		SCAQMD 307.91				Special Remarks
CH-Inlet-0620-9Am	L/G	21724-11	6/20/24	9:00 Am	X		X				
CH-Outlet-0620 955Am	L/G	-12	6/20/24	8:55 Am	X		X				

	Date	Time		Date	Time
Relinquished by: *(Signature)*	6/20/24	11:57 Am	**Received by:** *(Signature)*		
Relinquished by: *(Signature)*			**Received by:** *(Signature)*		
Relinquished by: *(Signature)*			**Received for Laboratory by:** *(Signature)*	6/21/24	11:57

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
Email Address: CFong@scsengineers.com

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LABORATORY ANALYSIS REPORT

Methane Analysis in Tedlar Bag Sample by Method ASTM D1946

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24
Date Sampled: June 20, 2024
Date Received: June 21, 2024
Date Analyzed: June 24, 2024

ANALYSIS DESCRIPTION

Methane was measured by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946.

AtmAA Lab No.:	21734-6	21734-7
Sample I.D.:	CH-Inlet-0620-PM	CH-Outlet-0620-PM
Components	*(Concentration in %,v)*	
Methane	28.91	24.45

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: June 20, 2024
Date Received: June 21, 2024
Date Analyzed: June 24, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in %,v)			
Methane	CH-Inlet-0620-PM	28.91	28.90	28.91	0.03
	CH-Outlet-0620-PM	24.46	24.43	24.45	0.12

Two Tedlar bag samples, laboratory numbers 21734-(6-7), were analyzed for methane. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 2 repeat measurements from two Tedlar bag samples is 0.08%.

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LABORATORY ANALYSIS REPORT

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS Method EPA TO-15

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24
Date Received: June 21, 2024
Date Analyzed: June 22, 2024

AtmAA Lab No.:	21734-6	21734-7
Sample ID:	CH-Inlet-0620-PM	CH-Outlet-0620-PM
Components	*(Concentations in ppmv)*	
Freon 12	<3.0	<3.0
Chloromethane	<3.8	<3.8
Freon 114	<2.1	<2.1
Vinyl Chloride	<3.1	<3.1
1,3-Butadiene	<3.5	<3.5
Bromomethane	<3.9	<3.9
Chloroethane	<3.0	<3.0
Acetone	121	93.1
Freon 11	<2.9	<2.9
Isopropyl Alcohol	294	203
1,1-Dichloroethene	<3.8	<3.8
Methylene Chloride	<4.3	<4.3
Carbon Disulfide	<2.5	<2.5
Freon 113	<2.0	<2.0
trans-1,2-Dichloroethene	<3.8	<3.8
1,1-Dichloroethane	<3.7	<3.7
MTBE	<4.2	<4.2
Vinyl Acetate	<4.3	<4.3
2-Butanone	475	346
cis-1,2-Dichloroethene	<3.8	<3.8
n-Hexane	<4.3	<4.3
Chloroform	<3.1	<3.1
Ethyl Acetate	39.3	30.9
Tetrahydrofuran	414	316
1,2-Dichloroethane	<3.7	<3.7
1,1,1-Trichloroethane	<2.8	<2.8
Benzene	234	192
Carbon Tetrachloride	<2.4	<2.4
Cyclohexane	<4.4	<4.4
1,2-Dichloropropane	<3.2	<3.2
Bromodichloromethane	<2.2	<2.2
Trichloroethene	<2.8	<2.8
1,4-Dioxane	<4.2	<4.2
n-Heptane	<3.7	<3.7
cis-1,3-Dichloropropene	<3.3	<3.3
4-Methyl-2-pentanone	14.0	10.6
trans-1,3-Dichloropropene	<3.3	<3.3
1,1-2-Trichloroethane	<2.8	<2.8
Toluene	12.9	11.5
2-Hexanone	<3.7	<3.7
Dibromochloromethane	<1.8	<1.8
1,2-Dibromoethane	<2.0	<2.0
Tetrachloroethene	<2.2	<2.2
Chlorobenzene	<3.3	<3.3
Ethylbenzene	<3.5	<3.5
m,p-Xylene	<3.5	<3.5
Bromoform	<1.5	<1.5
Styrene	<3.5	<3.5
1,1,2,2-Tetrachloroethane	<2.2	<2.2
o-Xylene	<3.5	<3.5
Benzyl Chloride	<3.0	<3.0
4-Ethyl Toluene	<3.1	<3.1
1,3,5-Trimethyl Benzene	<3.1	<3.1
1,2,4-Trimethyl Benzene	<3.1	<3.1
1,3-Dichlorobenzene	<2.5	<2.5
1,4-Dichlorobenzene	<2.5	<2.5
1,2-Dichlorobenzene	<2.5	<2.5
1,2,4-Trichlorobenzene	<8.1	<8.1
Hexachlorobutadiene	<5.6	<5.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Received: June 21, 2024
Date Analyzed: June 22, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Freon-12	CH-Inlet-0620-PM	<3.0	<3.0	---	---
Chloromethane	CH-Inlet-0620-PM	<3.8	<3.8	---	---
Freon 114	CH-Inlet-0620-PM	<2.1	<2.1	---	---
Vinyl Chloride	CH-Inlet-0620-PM	<3.1	<3.1	---	---
1,3-Butadiene	CH-Inlet-0620-PM	<3.5	<3.5	---	---
Bromomethane	CH-Inlet-0620-PM	<3.9	<3.9	---	---
Chloroethane	CH-Inlet-0620-PM	<3.0	<3.0	---	---
Acetone	CH-Inlet-0620-PM	129	112	121	14
Freon 11	CH-Inlet-0620-PM	<2.9	<2.9	---	---
Isopropyl Alcohol	CH-Inlet-0620-PM	321	267	294	18
1,1-Dichloroethene	CH-Inlet-0620-PM	<3.8	<3.8	---	---
Methylene Chloride	CH-Inlet-0620-PM	<4.3	<4.3	---	---
Carbon Disulfide	CH-Inlet-0620-PM	<2.5	<2.5	---	---
Freon 113	CH-Inlet-0620-PM	<2.0	<2.0	---	---
trans-1,2-Dichloroethene	CH-Inlet-0620-PM	<3.8	<3.8	---	---
1,1-Dichloroethane	CH-Inlet-0620-PM	<3.7	<3.7	---	---
MTBE	CH-Inlet-0620-PM	<4.2	<4.2	---	---
Vinyl Acetate	CH-Inlet-0620-PM	<4.3	<4.3	---	---
2-Butanone	CH-Inlet-0620-PM	508	441	475	14
cis-1,2-Dichloroethene	CH-Inlet-0620-PM	<3.8	<3.8	---	---
n-Hexane	CH-Inlet-0620-PM	<4.3	<4.3	---	---
Chloroform	CH-Inlet-0620-PM	<3.1	<3.1	---	---
Ethyl Acetate	CH-Inlet-0620-PM	42.7	35.9	39.3	17
Tetrahydrofuran	CH-Inlet-0620-PM	449	378	414	17
1,2-Dichloroethane	CH-Inlet-0620-PM	<3.7	<3.7	---	---

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)
(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
1,1,1-Trichloroethane	CH-Inlet-0620-PM	<2.8	<2.8	---	---
Benzene	CH-Inlet-0620-PM	244	223	234	9.0
Carbon Tetrachloride	CH-Inlet-0620-PM	<2.4	<2.4	---	---
Cyclohexane	CH-Inlet-0620-PM	<4.4	<4.4	---	---
1,2-Dichloropropane	CH-Inlet-0620-PM	<3.2	<3.2	---	---
Bromodichloromethane	CH-Inlet-0620-PM	<2.2	<2.2	---	---
Trichloroethene	CH-Inlet-0620-PM	<2.8	<2.8	---	---
1,4-Dioxane	CH-Inlet-0620-PM	<4.2	<4.2	---	---
n-Heptane	CH-Inlet-0620-PM	<3.7	<3.7	---	---
cis-1,3-Dichloropropene	CH-Inlet-0620-PM	<3.3	<3.3	---	---
4-Methyl-2-pentanone	CH-Inlet-0620-PM	15.4	12.6	14.0	20
trans-1,3-Dichloropropene	CH-Inlet-0620-PM	<3.3	<3.3	---	---
1,1-2-Trichloroethane	CH-Inlet-0620-PM	<2.8	<2.8	---	---
Toluene	CH-Inlet-0620-PM	13.6	12.1	12.9	12
2-Hexanone	CH-Inlet-0620-PM	<3.7	<3.7	---	---
Dibromochloromethane	CH-Inlet-0620-PM	<1.8	<1.8	---	---
1,2-Dibromoethane	CH-Inlet-0620-PM	<2.0	<2.0	---	---
Tetrachloroethene	CH-Inlet-0620-PM	<2.2	<2.2	---	---
Chlorobenzene	CH-Inlet-0620-PM	<3.3	<3.3	---	---
Ethylbenzene	CH-Inlet-0620-PM	<3.5	<3.5	---	---
m,p-Xylene	CH-Inlet-0620-PM	<3.5	<3.5	---	---
Bromoform	CH-Inlet-0620-PM	<1.5	<1.5	---	---
Styrene	CH-Inlet-0620-PM	<3.5	<3.5	---	---
1,1,2,2-Tetrachloroethane	CH-Inlet-0620-PM	<2.2	<2.2	---	---
o-Xylene	CH-Inlet-0620-PM	<3.5	<3.5	---	---

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Benzyl Chloride	CH-Inlet-0620-PM	<3.0	<3.0	---	---
4-Ethyl Toluene	CH-Inlet-0620-PM	<3.1	<3.1	---	---
1,3,5-Trimethyl Benzene	CH-Inlet-0620-PM	<3.1	<3.1	---	---
1,2,4-Trimethyl Benzene	CH-Inlet-0620-PM	<3.1	<3.1	---	---
1,3-Dichlorobenzene	CH-Inlet-0620-PM	<2.5	<2.5	---	---
1,4-Dichlorobenzene	CH-Inlet-0620-PM	<2.5	<2.5	---	---
1,2-Dichlorobenzene	CH-Inlet-0620-PM	<2.5	<2.5	---	---
1,2,4-Trichlorobenzene	CH-Inlet-0620-PM	<8.1	<8.1	---	---
Hexachlorobutadiene	CH-Inlet-0620-PM	<5.6	<5.6	---	---

Two Tedlar bag samples, laboratory numbers 21734-(6-7), were analyzed for TO-15 components, by GC/MS. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 8 repeat measurements from two Tedlar bag samples is 15%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24
Date Sampled: June 20, 2024
Date Received: June 21, 2024
Date Analyzed: June 21, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21734-6	21734-7
Sample I.D.:	CH-Inlet-0620-PM	CH-Outlet-0620-PM
Components	*(Concentration in ppmv)*	
Hydrogen sulfide	222	37.6
Carbonyl sulfide	1.03	0.85
Methyl mercaptan	208	86.3
Ethyl mercaptan	2.72	1.51
Dimethyl sulfide	548	372
Carbon disulfide	<0.80	<0.80
i-Propyl mercaptan	2.64	1.74
t-Butyl mercaptan	<0.80	<0.80
n-Propyl mercaptan	6.77	4.48
s-Butyl mercaptan	5.77	3.81
i-Butyl mercaptan	<0.80	<0.80
Dimethyl disulfide	1.67	2.30
Tetrahydrothiophene	1.58	1.04
Unidentified sulfurs	3.37	3.26
	(Concentration in ppmv, as H_2S)	
Total Sulfur	1004	517.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: June 20, 2024
Date Received: June 21, 2024
Date Analyzed: June 21, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	CH-Inlet-0620-PM	224	219	222	2.3
	CH-Outlet-0620-PM	36.6	38.6	37.6	5.3
Carbonyl sulfide	CH-Inlet-0620-PM	1.01	1.05	1.03	3.9
	CH-Outlet-0620-PM	0.81	0.89	0.85	9.4
Methyl mercaptan	CH-Inlet-0620-PM	209	206	208	1.4
	CH-Outlet-0620-PM	83.2	89.3	86.3	7.1
Ethyl mercaptan	CH-Inlet-0620-PM	2.67	2.77	2.72	3.7
	CH-Outlet-0620-PM	1.41	1.60	1.51	13
Dimethyl sulfide	CH-Inlet-0620-PM	548	548	548	0.00
	CH-Outlet-0620-PM	361	383	372	5.9
Carbon disulfide	CH-Inlet-0620-PM	<0.80	<0.80	---	---
	CH-Outlet-0620-PM	<0.80	<0.80	---	---
i-Propyl mercaptan	CH-Inlet-0620-PM	2.69	2.58	2.64	4.2
	CH-Outlet-0620-PM	1.68	1.79	1.74	6.3
t-Butyl mercaptan	CH-Inlet-0620-PM	<0.80	<0.80	---	---
	CH-Outlet-0620-PM	<0.80	<0.80	---	---
n-Propyl mercaptan	CH-Inlet-0620-PM	6.76	6.77	6.77	0.15
	CH-Outlet-0620-PM	4.28	4.68	4.48	8.9
s-Butyl mercaptan	CH-Inlet-0620-PM	5.83	5.71	5.77	2.1
	CH-Outlet-0620-PM	3.70	3.92	3.81	5.8
i-Butyl mercaptan	CH-Inlet-0620-PM	<0.80	<0.80	---	---
	CH-Outlet-0620-PM	<0.80	<0.80	---	---
Dimethyl disulfide	CH-Inlet-0620-PM	1.67	1.66	1.67	0.60
	CH-Outlet-0620-PM	2.21	2.39	2.30	7.8
Tetrahydrothiophene	CH-Inlet-0620-PM	1.55	1.60	1.58	3.2
	CH-Outlet-0620-PM	1.00	1.08	1.04	7.7
Unidentified sulfurs	CH-Inlet-0620-PM	3.34	3.39	3.37	1.5
	CH-Outlet-0620-PM	3.13	3.38	3.26	7.7

Two Tedlar bag samples, laboratory numbers 21734-(6-7), were analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 22 repeat measurements from two Tedlar bag samples is 4.9%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24	**Field Logbook No.**
Sampler: *(Signature)* Antonio Ambriz	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TO-15	SCAQMD 307.91					Special Remarks
CH-INLET-0620PM	Landfill Gas	21734-6	6/20/24	2:20PM	X	X					
CH-OUTLET-0620-PM	Landfill Gas	-7	6/20/24	2:15pm	X	X					

Relinquished by: *(Signature)* Antonio Ambriz	Date 6/21/24	Time 7:40am	**Received by:** *(Signature)*	Date 6/21/24 Time 7:40am
Relinquished by: *(Signature)*	Date 6/21/24	Time 7:15am	**Received by:** *(Signature)*	Date 6/21/24 Time 7:15
Relinquished by: *(Signature)*	Date 6/21/24	Time 8:50	**Received for Laboratory by:** *(Signature)*	Date 6/21/24 Time 8:56

Company Info:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Telephone No.: 562-743-7895 /562-335-0002
Fax No.:

Send Report to:

Company: SCS Engineers
Street Address 3900 Kilroy Airport Way Suite 100
City/State/Zip: Long Beach / CA / 90806
Project Manager: Cornelius Fong
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specialized air assessment laboratory
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LABORATORY ANALYSIS REPORT

Methane Analysis in Tedlar Bag Sample by Method ASTM D1946

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24
Date Sampled: June 21, 2024
Date Received: June 21, 2024
Date Analyzed: June 24, 2024

ANALYSIS DESCRIPTION

Methane was measured by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946.

AtmAA Lab No.:	21734-23	21734-24
Sample I.D.:	CH-Inlet-0621-PM	CH-Outlet-0621-PM
Components	*(Concentration in %,v)*	
Methane	20.79	32.04

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: June 21, 2024
Date Received: June 21, 2024
Date Analyzed: June 24, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in %,v)			
Methane	CH-Inlet-0621-PM	20.77	20.81	20.79	0.19

Two Tedlar bag samples, laboratory numbers 21734-(23-24), were analyzed for methane. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The % RPD for 1 repeat measurement from two Tedlar bag samples is 0.19%.

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LABORATORY ANALYSIS REPORT

TO-15 Component Analysis in Tedlar Bag Sample, by GC/MS Method EPA TO-15

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24
Date Received: June 21, 2024
Date Analyzed: June 22, 2024

AtmAA Lab No.:	21734-23	21734-24
Sample ID:	CH-Inlet-0621-PM	CH-Outlet-0621-PM
Components	*(Concentations in ppmv)*	
Freon 12	<3.0	<3.0
Chloromethane	<3.8	<3.8
Freon 114	<2.1	<2.1
Vinyl Chloride	<3.1	<3.1
1,3-Butadiene	<3.5	<3.5
Bromomethane	<3.9	<3.9
Chloroethane	<3.0	<3.0
Acetone	51.8	130
Freon 11	<2.9	<2.9
Isopropyl Alcohol	90.7	327
1,1-Dichloroethene	<3.8	<3.8
Methylene Chloride	<4.3	<4.3
Carbon Disulfide	<2.5	<2.5
Freon 113	<2.0	<2.0
trans-1,2-Dichloroethene	<3.8	<3.8
1,1-Dichloroethane	<3.7	<3.7
MTBE	<4.2	<4.2
Vinyl Acetate	<4.3	<4.3
2-Butanone	241	488
cis-1,2-Dichloroethene	<3.8	<3.8
n-Hexane	<4.3	<4.3
Chloroform	<3.1	<3.1
Ethyl Acetate	23.3	39.3
Tetrahydrofuran	48.9	342
1,2-Dichloroethane	<3.7	<3.7
1,1,1-Trichloroethane	<2.8	<2.8
Benzene	78.1	141
Carbon Tetrachloride	<2.4	<2.4
Cyclohexane	<4.4	<4.4
1,2-Dichloropropane	<3.2	<3.2
Bromodichloromethane	<2.2	<2.2
Trichloroethene	<2.8	<2.8
1,4-Dioxane	<4.2	<4.2
n-Heptane	<3.7	<3.7
cis-1,3-Dichloropropene	<3.3	<3.3
4-Methyl-2-pentanone	9.83	13.6
trans-1,3-Dichloropropene	<3.3	<3.3
1,1-2-Trichloroethane	<2.8	<2.8
Toluene	6.20	10.3
2-Hexanone	<3.7	<3.7
Dibromochloromethane	<1.8	<1.8
1,2-Dibromoethane	<2.0	<2.0
Tetrachloroethene	<2.2	<2.2
Chlorobenzene	<3.3	<3.3
Ethylbenzene	<3.5	<3.5
m,p-Xylene	<3.5	<3.5
Bromoform	<1.5	<1.5
Styrene	<3.5	<3.5
1,1,2,2-Tetrachloroethane	<2.2	<2.2
o-Xylene	<3.5	<3.5
Benzyl Chloride	<3.0	<3.0
4-Ethyl Toluene	<3.1	<3.1
1,3,5-Trimethyl Benzene	<3.1	<3.1
1,2,4-Trimethyl Benzene	<3.1	<3.1
1,3-Dichlorobenzene	<2.5	<2.5
1,4-Dichlorobenzene	<2.5	<2.5
1,2-Dichlorobenzene	<2.5	<2.5
1,2,4-Trichlorobenzene	<8.1	<8.1
Hexachlorobutadiene	<5.6	<5.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Received: June 21, 2024
Date Analyzed: June 22, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Freon-12	CH-Inlet-0621-PM	<3.0	<3.0	---	---
Chloromethane	CH-Inlet-0621-PM	<3.8	<3.8	---	---
Freon 114	CH-Inlet-0621-PM	<2.1	<2.1	---	---
Vinyl Chloride	CH-Inlet-0621-PM	<3.1	<3.1	---	---
1,3-Butadiene	CH-Inlet-0621-PM	<3.5	<3.5	---	---
Bromomethane	CH-Inlet-0621-PM	<3.9	<3.9	---	---
Chloroethane	CH-Inlet-0621-PM	<3.0	<3.0	---	---
Acetone	CH-Inlet-0621-PM	52.0	51.6	51.8	0.77
Freon 11	CH-Inlet-0621-PM	<2.9	<2.9	---	---
Isopropyl Alcohol	CH-Inlet-0621-PM	90.0	91.4	90.7	1.5
1,1-Dichloroethene	CH-Inlet-0621-PM	<3.8	<3.8	---	---
Methylene Chloride	CH-Inlet-0621-PM	<4.3	<4.3	---	---
Carbon Disulfide	CH-Inlet-0621-PM	<2.5	<2.5	---	---
Freon 113	CH-Inlet-0621-PM	<2.0	<2.0	---	---
trans-1,2-Dichloroethene	CH-Inlet-0621-PM	<3.8	<3.8	---	---
1,1-Dichloroethane	CH-Inlet-0621-PM	<3.7	<3.7	---	---
MTBE	CH-Inlet-0621-PM	<4.2	<4.2	---	---
Vinyl Acetate	CH-Inlet-0621-PM	<4.3	<4.3	---	---
2-Butanone	CH-Inlet-0621-PM	240	241	241	0.42
cis-1,2-Dichloroethene	CH-Inlet-0621-PM	<3.8	<3.8	---	---
n-Hexane	CH-Inlet-0621-PM	<4.3	<4.3	---	---
Chloroform	CH-Inlet-0621-PM	<3.1	<3.1	---	---
Ethyl Acetate	CH-Inlet-0621-PM	23.2	23.3	23.3	0.43
Tetrahydrofuran	CH-Inlet-0621-PM	48.0	49.7	48.9	3.5
1,2-Dichloroethane	CH-Inlet-0621-PM	<3.7	<3.7	---	---

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)
(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
1,1,1-Trichloroethane	CH-Inlet-0621-PM	<2.8	<2.8	---	---
Benzene	CH-Inlet-0621-PM	78.4	77.8	78.1	0.77
Carbon Tetrachloride	CH-Inlet-0621-PM	<2.4	<2.4	---	---
Cyclohexane	CH-Inlet-0621-PM	<4.4	<4.4	---	---
1,2-Dichloropropane	CH-Inlet-0621-PM	<3.2	<3.2	---	---
Bromodichloromethane	CH-Inlet-0621-PM	<2.2	<2.2	---	---
Trichloroethene	CH-Inlet-0621-PM	<2.8	<2.8	---	---
1,4-Dioxane	CH-Inlet-0621-PM	<4.2	<4.2	---	---
n-Heptane	CH-Inlet-0621-PM	<3.7	<3.7	---	---
cis-1,3-Dichloropropene	CH-Inlet-0621-PM	<3.3	<3.3	---	---
4-Methyl-2-pentanone	CH-Inlet-0621-PM	9.94	9.71	9.83	2.3
trans-1,3-Dichloropropene	CH-Inlet-0621-PM	<3.3	<3.3	---	---
1,1-2-Trichloroethane	CH-Inlet-0621-PM	<2.8	<2.8	---	---
Toluene	CH-Inlet-0621-PM	6.03	6.36	6.20	5.3
2-Hexanone	CH-Inlet-0621-PM	<3.7	<3.7	---	---
Dibromochloromethane	CH-Inlet-0621-PM	<1.8	<1.8	---	---
1,2-Dibromoethane	CH-Inlet-0621-PM	<2.0	<2.0	---	---
Tetrachloroethene	CH-Inlet-0621-PM	<2.2	<2.2	---	---
Chlorobenzene	CH-Inlet-0621-PM	<3.3	<3.3	---	---
Ethylbenzene	CH-Inlet-0621-PM	<3.5	<3.5	---	---
m,p-Xylene	CH-Inlet-0621-PM	<3.5	<3.5	---	---
Bromoform	CH-Inlet-0621-PM	<1.5	<1.5	---	---
Styrene	CH-Inlet-0621-PM	<3.5	<3.5	---	---
1,1,2,2-Tetrachloroethane	CH-Inlet-0621-PM	<2.2	<2.2	---	---
o-Xylene	CH-Inlet-0621-PM	<3.5	<3.5	---	---

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Benzyl Chloride	CH-Inlet-0621-PM	<3.0	<3.0	---	---
4-Ethyl Toluene	CH-Inlet-0621-PM	<3.1	<3.1	---	---
1,3,5-Trimethyl Benzene	CH-Inlet-0621-PM	<3.1	<3.1	---	---
1,2,4-Trimethyl Benzene	CH-Inlet-0621-PM	<3.1	<3.1	---	---
1,3-Dichlorobenzene	CH-Inlet-0621-PM	<2.5	<2.5	---	---
1,4-Dichlorobenzene	CH-Inlet-0621-PM	<2.5	<2.5	---	---
1,2-Dichlorobenzene	CH-Inlet-0621-PM	<2.5	<2.5	---	---
1,2,4-Trichlorobenzene	CH-Inlet-0621-PM	<8.1	<8.1	---	---
Hexachlorobutadiene	CH-Inlet-0621-PM	<5.6	<5.6	---	---

Two Tedlar bag samples, laboratory numbers 21734-(23-24), were analyzed for TO-15 components, by GC/MS. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 8 repeat measurements from two Tedlar bag samples is 1.9%.

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LABORATORY ANALYSIS REPORT

Hydrogen Sulfide and Reduced Sulfur Compounds
Analysis in Tedlar Bag Sample by SCAQMD Method 307.91

Report Date: July 16, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24
Date Sampled: June 21, 2024
Date Received: June 21, 2024
Date Analyzed: June 21, 2024

ANALYSIS DESCRIPTION

Total sulfur analysis measured by gas chromatography with sulfur chemiluminescence detector (SCD), SCAQMD 307.91.

AtmAA Lab No.:	21734-23	21734-24
Sample I.D.:	CH-Inlet-0621-PM	CH-Outlet-0621-PM
Components	*(Concentration in ppmv)*	
Hydrogen sulfide	0.15	25.1
Carbonyl sulfide	0.70	1.08
Methyl mercaptan	0.38	35.2
Ethyl mercaptan	<0.10	<0.80
Dimethyl sulfide	17.0	345
Carbon disulfide	0.16	<0.80
i-Propyl mercaptan	<0.10	<0.80
t-Butyl mercaptan	<0.10	<0.80
n-Propyl mercaptan	0.36	3.78
s-Butyl mercaptan	1.54	2.96
i-Butyl mercaptan	<0.10	<0.80
Dimethyl disulfide	1.59	5.65
Tetrahydrothiophene	0.13	0.90
Unidentified sulfurs	0.87	2.30
	(Concentration in ppmv, as H_2S)	
Total Sulfur	24.59	427.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY

(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: June 21, 2024
Date Received: June 21, 2024
Date Analyzed: June 21, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	CH-Inlet-0621-PM	0.15	0.14	0.15	6.9
	CH-Outlet-0621-PM	25.1	25.1	25.1	0.00
Carbonyl sulfide	CH-Inlet-0621-PM	0.71	0.68	0.70	4.3
	CH-Outlet-0621-PM	1.10	1.06	1.08	3.7
Methyl mercaptan	CH-Inlet-0621-PM	0.38	0.37	0.38	2.7
	CH-Outlet-0621-PM	35.6	34.8	35.2	2.3
Ethyl mercaptan	CH-Inlet-0621-PM	<0.10	<0.10	---	---
	CH-Outlet-0621-PM	<0.80	<0.80	---	---
Dimethyl sulfide	CH-Inlet-0621-PM	17.1	16.9	17.0	1.2
	CH-Outlet-0621-PM	349	340	345	2.6
Carbon disulfide	CH-Inlet-0621-PM	0.16	0.15	0.16	6.5
	CH-Outlet-0621-PM	<0.80	<0.80	---	---
i-Propyl mercaptan	CH-Inlet-0621-PM	<0.10	<0.10	---	---
	CH-Outlet-0621-PM	<0.80	<0.80	---	---
t-Butyl mercaptan	CH-Inlet-0621-PM	<0.10	<0.10	---	---
	CH-Outlet-0621-PM	<0.80	<0.80	---	---
n-Propyl mercaptan	CH-Inlet-0621-PM	0.36	0.36	0.36	0.00
	CH-Outlet-0621-PM	3.85	3.71	3.78	3.7
s-Butyl mercaptan	CH-Inlet-0621-PM	1.54	1.53	1.54	0.65
	CH-Outlet-0621-PM	2.95	2.97	2.96	0.68
i-Butyl mercaptan	CH-Inlet-0621-PM	<0.10	<0.10	---	---
	CH-Outlet-0621-PM	<0.80	<0.80	---	---
Dimethyl disulfide	CH-Inlet-0621-PM	1.59	1.59	1.59	0.00
	CH-Outlet-0621-PM	5.75	5.55	5.65	3.5
Tetrahydrothiophene	CH-Inlet-0621-PM	0.13	0.12	0.13	8.0
	CH-Outlet-0621-PM	0.91	0.89	0.90	2.2
Unidentified sulfurs	CH-Inlet-0621-PM	0.89	0.85	0.87	5.6
	CH-Outlet-0621-PM	2.32	2.28	2.30	1.7

Two Tedlar bag samples, laboratory numbers 21734-(23-24), were analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 19 repeat measurements from two Tedlar bag samples is 3.0%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No.	**Field Logbook No.**
07224200.24	
Sampler: (Signature)	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TO-15	ANALYSES REQUESTED: SCAQMD 307.91	Special Remarks
CH-INLET-0621-PM	Landfill Gas	21734-23	6/21/24	3:55 PM	X	X	
H-OUTLET-0621-PM	Landfill Gas	-24	6/21/24	4:00PM	X	X	

	Date	Time		Date	Time
Relinquished by: (Signature)	6/21/24		Received by: (Signature)		
Relinquished by: (Signature) Ash DS	6/21/24	5:25 PM	Received by: (Signature) Ash DCS	6-21-24	5:[illegible]
Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date 6/21/24	Time 6:30

Company Info:

Company:	SCS Engineers
Street Address	3900 Kilroy Airport Way Suite 100
City/State/Zip:	Long Beach / CA / 90806
Telephone No.:	562-743-7895 /562-335-0002
Fax No.:	

Send Report to:

Company:	SCS Engineers
Street Address	3900 Kilroy Airport Way Suite 100
City/State/Zip:	Long Beach / CA / 90806
Project Manager:	Cornelius Fong
Email Address:	CFong@scsengineers.com

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Lab Job Number : 510851
Report Level : II
Report Date : 06/27/2024

Analytical Report *prepared for:*

Helen Dubach
CTEH Chiquita Canyon Landfill - PROJ-037507
5120 Northshore Drive
North Little Rock, AR 72118

Project: WC CHIQUITACANYON LF - Waste Connections Chiquita Canyon LF - DAILY

Authorized for release by:

David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Helen Dubach CTEH Chiquita Canyon Landfill - PROJ-037507 5120 Northshore Drive North Little Rock, AR 72118	Lab Job #: Project No: Location: Date Received:	510851 WC CHIQUITACANYON LF Waste Connections Chiquita Canyon LF - DAILY 06/24/24

Sample ID	Lab ID	Collected	Matrix
CACA0623Y9CH-TRIALSOLIDS	510851-001	06/23/24 11:50	Miscell.
CACA0622Z9CH-TRIALLIQUID	510851-002	06/22/24 11:20	Miscell.

ENTHALPY ANALYTICAL

Case Narrative

CTEH Chiquita Canyon Landfill - PROJ-037507 5120 Northshore Drive North Little Rock, AR 72118 Helen Dubach	Lab Job Number: 510851 Project No: WC CHIQUITACANYON LF Location: Waste Connections Chiquita Canyon LF - DAILY Date Received: 06/24/24

This data package contains sample and QC results for two miscell. samples, requested for the above referenced project on 06/24/24. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B) Water:

- CACA0622Z9CH-TRIALLIQUID (lab # 510851-002) had pH greater than 2.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B) Miscell.:

No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C) Water:

- High recovery was observed for 2,4,5-trichlorophenol in the BS for batch 343608; the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated sample.
- Low surrogate recovery was observed for 2-fluorophenol in CACA0622Z9CH-TRIALLIQUID (lab # 510851-002) - due to matrix effects.
- Low surrogate recovery was observed for phenol-d6 in CACA0622Z9CH-TRIALLIQUID (lab # 510851-002) - due to matrix effects.
- Low surrogate recovery was observed for 2,4,6-tribromophenol in CACA0622Z9CH-TRIALLIQUID (lab # 510851-002) - due to matrix effects.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C) TCLP Leachate:

- Low surrogate recovery was observed for 2-fluorophenol in CACA0623Y9CH-TRIALSOLIDS (lab # 510851-001).
- High surrogate recovery was observed for 2,4,6-tribromophenol in the matrix spike for batch 343697; the parent sample was not a project sample.
- CACA0623Y9CH-TRIALSOLIDS (lab # 510851-001) was diluted due to client history of high non-target or organic acid interference.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A) Water:

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Miscell.:

- Low recoveries were observed for antimony in the MS/MSD for batch 343552; the parent sample was not a project sample, and the associated RPD was within limits.
- No other analytical problems were encountered.

Closed-Cup Ignitability (Flashpoint) (EPA 1010) Water:

No analytical problems were encountered.

Closed-Cup Ignitability (Flashpoint) (EPA 1010) Miscell.:
No analytical problems were encountered.

pH of Solid Samples (EPA 9045C):
No analytical problems were encountered.

pH of Aqueous and non-Aqueous Samples (EPA 9040B):
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Detection Summary

Helen Dubach
CTEH Chiquita Canyon Landfill - PROJ-037507
5120 Northshore Drive
North Little Rock, AR 72118

Lab Job #: 510851
Project No: WC CHIQUITACANYON LF
Location: Waste Connections Chiquita Canyon LF - DAILY
Date Received: 06/24/24

Sample ID: **CACA0623Y9CH-TRIALSOLIDS** | **Lab ID:** **510851-001** | **Matrix:** **Miscell.** | **Collected:** **06/23/24 11:50**

510851-001 Analyte	Result	Qual	Units	RL	MDL
Method: EPA 1010					
Flash Point	**>212**		deg F		
Method: EPA 6010B Prep Method: EPA 3050B					
Arsenic	**2.0**		mg/Kg	2.0	1.1
Barium	**0.67**	J	mg/Kg	0.99	0.39
Beryllium	**0.039**	J	mg/Kg	0.50	0.021
Copper	**1.3**		mg/Kg	0.99	0.64
Lead	**8.4**		mg/Kg	0.99	0.74
Selenium	**48**		mg/Kg	5.9	1.8
Silver	**3.4**		mg/Kg	0.50	0.17
Thallium	**95**		mg/Kg	3.0	0.94
Zinc	**5.1**		mg/Kg	5.0	1.6
Method: EPA 7471A Prep Method: METHOD					
Mercury	**1.3**		mg/Kg	0.32	0.079
Method: EPA 8260B Prep Method: EPA 5030B					
2-Butanone	**14**		mg/Kg	5.0	0.4
Benzene	**0.09**	J	mg/Kg	0.3	0.04
Method: EPA 9045C					
pH	**8.49**		SU		
Temperature	**23.80**		deg C	1.00	

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL

Detection Summary

Sample ID:	Lab ID: 510851-002	Collected: 06/22/24 11:20
CACA0622Z9CH-TRIALLIQUID	Matrix: Water	

510851-002 Analyte	Result	Qual	Units	RL	MDL
Method: EPA 1010					
Flash Point	**>203**		deg F		
Method: EPA 6010B Prep Method: EPA 3015A					
Arsenic	**0.47**		mg/L	0.20	0.089
Copper	**0.12**	J	mg/L	0.20	0.10
Lead	**0.72**		mg/L	0.20	0.060
Selenium	**4.1**		mg/L	0.60	0.16
Silver	**0.35**		mg/L	0.10	0.027
Thallium	**8.0**		mg/L	0.60	0.23
Method: EPA 7470A Prep Method: METHOD					
Mercury	**0.091**		mg/L	0.080	0.035
Method: EPA 8260B Prep Method: EPA 5030B					
2-Butanone	**25**		mg/L	10	0.3
1,2-Dichloroethane	**0.01**	J	mg/L	0.5	0.01
Benzene	**0.3**	J	mg/L	0.5	0.01
Method: EPA 8270C Prep Method: EPA 3510C					
Pyridine	**0.21**	J	mg/L	1.0	0.21
Method: EPA 9040B					
pH	**7.95**	H	SU		
Temperature	**18.00**	H	deg C	1.00	

> Value exceeds indicated concentration
H Holding time was exceeded
J Estimated value

Results for any subcontracted analyses are not included in this summary. Data qualifiers and additional information necessary for the interpretation of the test results are contained in the PDF file and may not be included in this summary.

ENTHALPY ANALYTICAL, INC.		Chain of Custody Record	Turn Around Time (Rush by advanced notice only)
931 W. Barkley Ave, Orange, CA 92868		Lab No: 510851	Standard: ☐ 4 Day: ☐ 3 Day: ☐
Phone: (714) 771-6900 Fax: (714)771-9933		Page: ☐ of ☐	2 Day: ☐ 1 Day: ☒ Same Day: ☐
Billing: Enthalpy - Orange		Matrix: A = Air DW = Drinking Water FL = Food Liquid FS = Food Solid L = Liquid PP = Pure Product S = Solid SeaW = Sea Water SW = Swab W = Water WP = Wipe O = Other	Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other
c/o Montrose Environmental Group			
P.O. Box 741137, Los Angeles, CA 90074-1137			

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	CTEH	Name:	Chiquita Canyon LF Waste S
Report To:	Kyle Lapic, Helen Dubach	Number:	Proj-037507
Email:	labresults@cteh.com	P.O. #:	—
Address:	5120 North Shore Dr	Address:	29201 Henry Mayo Dr.
	North Little Rock, AR 72118		Castaic Ca
Phone:	504-616-2427	Global ID:	—
Fax:	—	Sampled By:	Toggle/Booker/Neal

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	6010/7470 T22 Metals	EPA 8260 VOCS	EPA 8270 SVOCS	FLASHPOINT 1010	EPA 9040B (pH)
★ 1	CACA0623Y9CH-TRIAL SOLIDS	6/23/24	1150	S	3	6	X	X	X	X	X
★ 2	CACA0623Y9CH-TRIAL LIQUID	6/22/24	1120	W	5	6	X	X	X	X	X
3											
4											
5											
6											
7											
8											
9											
10											

Test Instructions / Comments:

For reporting total concentrations on TCLP List analytes.

HOLD samples for further process, if needed

Email report to:
kylapic@montrose-env.com
hdubach@cteh.com
cneal@cteh.com
labresults@cteh.com

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Craig Booker	CTEH	6/24/24 0538
1 Received By:		MARCUS Linhares	CTEH	06/24/24 0530
2 Relinquished By:		MARCUS Linhares	CTEH	06/24/24 0925
2 Received By:		FedEx	CTEH	6/24/24 0725
3 Relinquished By:				
3 Received By:				

0.8/3.8

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: CTEH

Project: CHIQUITA CANYON

Date Received: 6/12/19

Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2)

Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 0.8 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?		✓	
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 6/12/19

ENTHALPY ANALYTICAL

Analysis Results for 510851

Helen Dubach
CTEH Chiquita Canyon Landfill - PROJ-037507
5120 Northshore Drive
North Little Rock, AR 72118

Lab Job #: 510851
Project No: WC CHIQUITACANYON LF
Location: Waste Connections Chiquita Canyon LF - DAILY
Date Received: 06/24/24

Sample ID: **CACA0623Y9CH-TRIALSOLIDS** **Lab ID: 510851-001** **Collected: 06/23/24 11:50**

510851-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 1010											
Flash Point	**>212**		deg F			Miscell.	1	343574	06/24/24	06/24/24	LVL
Method: EPA 6010B Prep Method: EPA 3050B											
Antimony	ND		mg/Kg	3.0	1.2	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Arsenic	**2.0**		mg/Kg	2.0	1.1	Miscell.	2	343552	06/24/24	06/24/24	SBW
Barium	**0.67**	J	mg/Kg	0.99	0.39	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Beryllium	**0.039**	J	mg/Kg	0.50	0.021	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Cadmium	ND		mg/Kg	0.50	0.052	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Chromium	ND		mg/Kg	0.99	0.23	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Cobalt	ND		mg/Kg	0.50	0.22	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Copper	**1.3**		mg/Kg	0.99	0.64	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Lead	**8.4**		mg/Kg	0.99	0.74	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Molybdenum	ND		mg/Kg	0.99	0.54	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Nickel	ND		mg/Kg	0.99	0.45	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Selenium	**48**		mg/Kg	5.9	1.8	Miscell.	2	343552	06/24/24	06/24/24	SBW
Silver	**3.4**		mg/Kg	0.50	0.17	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Thallium	**95**		mg/Kg	3.0	0.94	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Vanadium	ND		mg/Kg	0.99	0.16	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Zinc	**5.1**		mg/Kg	5.0	1.6	Miscell.	0.99	343552	06/24/24	06/24/24	SBW
Method: EPA 7471A Prep Method: METHOD											
Mercury	**1.3**		mg/Kg	0.32	0.079	Miscell.	2.3	343546	06/24/24	06/25/24	MLL
Method: EPA 8260B Prep Method: EPA 5030B											
Vinyl Chloride	ND		mg/Kg	0.3	0.08	Miscell.	50	343520	06/24/24	06/24/24	TCN
1,1-Dichloroethene	ND		mg/Kg	0.3	0.04	Miscell.	50	343520	06/24/24	06/24/24	TCN
2-Butanone	**14**		mg/Kg	5.0	0.4	Miscell.	50	343520	06/24/24	06/24/24	TCN
Chloroform	ND		mg/Kg	0.3	0.04	Miscell.	50	343520	06/24/24	06/24/24	TCN
Carbon Tetrachloride	ND		mg/Kg	0.3	0.04	Miscell.	50	343520	06/24/24	06/24/24	TCN
1,2-Dichloroethane	ND		mg/Kg	0.3	0.05	Miscell.	50	343520	06/24/24	06/24/24	TCN
Benzene	**0.09**	J	mg/Kg	0.3	0.04	Miscell.	50	343520	06/24/24	06/24/24	TCN
Trichloroethene	ND		mg/Kg	0.3	0.03	Miscell.	50	343520	06/24/24	06/24/24	TCN
Tetrachloroethene	ND		mg/Kg	0.3	0.09	Miscell.	50	343520	06/24/24	06/24/24	TCN
Chlorobenzene	ND		mg/Kg	0.3	0.04	Miscell.	50	343520	06/24/24	06/24/24	TCN
1,4-Dichlorobenzene	ND		mg/Kg	0.3	0.03	Miscell.	50	343520	06/24/24	06/24/24	TCN
Surrogates				**Limits**							
Dibromofluoromethane	108%		%REC	70-145		Miscell.	50	343520	06/24/24	06/24/24	TCN
1,2-Dichloroethane-d4	103%		%REC	70-145		Miscell.	50	343520	06/24/24	06/24/24	TCN
Toluene-d8	102%		%REC	70-145		Miscell.	50	343520	06/24/24	06/24/24	TCN
Bromofluorobenzene	100%		%REC	70-145		Miscell.	50	343520	06/24/24	06/24/24	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 510851

510851-001 Analyte	Result	Qual	Units	RL	MDL	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C Prep Method: EPA 3510C											
2,4,5-Trichlorophenol	ND		mg/L	0.20	0.10	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
2,4,6-Trichlorophenol	ND		mg/L	0.20	0.049	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
2,4-Dinitrotoluene	ND		mg/L	0.20	0.015	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
2-Methylphenol	ND		mg/L	0.20	0.032	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
3-,4-Methylphenol	ND		mg/L	0.20	0.034	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Hexachlorobenzene	ND		mg/L	0.20	0.016	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Hexachlorobutadiene	ND		mg/L	0.20	0.027	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Hexachloroethane	ND		mg/L	0.20	0.027	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Nitrobenzene	ND		mg/L	0.50	0.032	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Pentachlorophenol	ND		mg/L	0.50	0.13	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Pyridine	ND		mg/L	0.20	0.042	TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Surrogates				**Limits**							
2,4,6-Tribromophenol	49%		%REC	12-140		TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
2-Fluorobiphenyl	96%		%REC	11-140		TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
2-Fluorophenol	7%	*	%REC	10-140		TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Nitrobenzene-d5	84%		%REC	10-140		TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Phenol-d6	17%		%REC	10-140		TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Terphenyl-d14	108%		%REC	20-140		TCLP Leachate	10	343697	06/25/24	06/27/24	HQN
Method: EPA 9045C											
pH	**8.49**		SU			Miscell.	1	343547	06/24/24	06/24/24	EJG
Temperature	**23.80**		deg C	1.00		Miscell.	1	343547	06/24/24	06/24/24	EJG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 510851

Sample ID:	Lab ID: 510851-002	Collected: 06/22/24 11:20
CACA0622Z9CH-TRIALLIQUID	Matrix: Water	

510851-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 1010										
Flash Point	**>203**		deg F			1	343574	06/24/24	06/24/24	LVL
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.60	0.28	20	343497	06/23/24	06/24/24	SBW
Arsenic	**0.47**		mg/L	0.20	0.089	20	343497	06/23/24	06/24/24	SBW
Barium	ND		mg/L	0.20	0.058	20	343497	06/23/24	06/24/24	SBW
Beryllium	ND		mg/L	0.10	0.0031	20	343497	06/23/24	06/24/24	SBW
Cadmium	ND		mg/L	0.10	0.015	20	343497	06/23/24	06/24/24	SBW
Chromium	ND		mg/L	0.20	0.029	20	343497	06/23/24	06/24/24	SBW
Cobalt	ND		mg/L	0.10	0.016	20	343497	06/23/24	06/24/24	SBW
Copper	**0.12**	J	mg/L	0.20	0.10	20	343497	06/23/24	06/24/24	SBW
Lead	**0.72**		mg/L	0.20	0.060	20	343497	06/23/24	06/24/24	SBW
Molybdenum	ND		mg/L	0.20	0.071	20	343497	06/23/24	06/24/24	SBW
Nickel	ND		mg/L	0.20	0.036	20	343497	06/23/24	06/24/24	SBW
Selenium	**4.1**		mg/L	0.60	0.16	20	343497	06/23/24	06/24/24	SBW
Silver	**0.35**		mg/L	0.10	0.027	20	343497	06/23/24	06/24/24	SBW
Thallium	**8.0**		mg/L	0.60	0.23	20	343497	06/23/24	06/24/24	SBW
Vanadium	ND		mg/L	0.20	0.024	20	343497	06/23/24	06/24/24	SBW
Zinc	ND		mg/L	1.0	0.23	20	343497	06/23/24	06/24/24	SBW
Method: EPA 7470A Prep Method: METHOD										
Mercury	**0.091**		mg/L	0.080	0.035	200	343528	06/24/24	06/24/24	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Vinyl Chloride	ND		mg/L	0.5	0.009	100	343524	06/24/24	06/24/24	TCN
1,1-Dichloroethene	ND		mg/L	0.5	0.01	100	343524	06/24/24	06/24/24	TCN
2-Butanone	**25**		mg/L	10	0.3	100	343524	06/24/24	06/24/24	TCN
Chloroform	ND		mg/L	0.5	0.01	100	343524	06/24/24	06/24/24	TCN
Carbon Tetrachloride	ND		mg/L	0.5	0.01	100	343524	06/24/24	06/24/24	TCN
1,2-Dichloroethane	**0.01**	J	mg/L	0.5	0.01	100	343524	06/24/24	06/24/24	TCN
Benzene	**0.3**	J	mg/L	0.5	0.01	100	343524	06/24/24	06/24/24	TCN
Trichloroethene	ND		mg/L	0.5	0.01	100	343524	06/24/24	06/24/24	TCN
Tetrachloroethene	ND		mg/L	0.5	0.008	100	343524	06/24/24	06/24/24	TCN
Chlorobenzene	ND		mg/L	0.5	0.01	100	343524	06/24/24	06/24/24	TCN
1,4-Dichlorobenzene	ND		mg/L	0.5	0.009	100	343524	06/24/24	06/24/24	TCN
Surrogates				**Limits**						
Dibromofluoromethane	92%		%REC	70-130		100	343524	06/24/24	06/24/24	TCN
1,2-Dichloroethane-d4	84%		%REC	70-130		100	343524	06/24/24	06/24/24	TCN
Toluene-d8	98%		%REC	70-130		100	343524	06/24/24	06/24/24	TCN
Bromofluorobenzene	101%		%REC	70-130		100	343524	06/24/24	06/24/24	TCN
Method: EPA 8270C Prep Method: EPA 3510C										
Pyridine	**0.21**	J	mg/L	1.0	0.21	100	343608	06/25/24	06/27/24	HQN
2-Methylphenol	ND		mg/L	1.0	0.16	100	343608	06/25/24	06/27/24	HQN
3-,4-Methylphenol	ND		mg/L	1.0	0.17	100	343608	06/25/24	06/27/24	HQN
Hexachloroethane	ND		mg/L	1.0	0.14	100	343608	06/25/24	06/27/24	HQN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 510851

510851-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Nitrobenzene	ND		mg/L	2.5	0.16	100	343608	06/25/24	06/27/24	HQN
Hexachlorobutadiene	ND		mg/L	1.0	0.13	100	343608	06/25/24	06/27/24	HQN
2,4,6-Trichlorophenol	ND		mg/L	1.0	0.25	100	343608	06/25/24	06/27/24	HQN
2,4,5-Trichlorophenol	ND		mg/L	1.0	0.52	100	343608	06/25/24	06/27/24	HQN
2,4-Dinitrotoluene	ND		mg/L	1.0	0.074	100	343608	06/25/24	06/27/24	HQN
Hexachlorobenzene	ND		mg/L	1.0	0.078	100	343608	06/25/24	06/27/24	HQN
Pentachlorophenol	ND		mg/L	2.5	0.65	100	343608	06/25/24	06/27/24	HQN
Surrogates				**Limits**						
2-Fluorophenol	0%	*	%REC	10-140		100	343608	06/25/24	06/27/24	HQN
Phenol-d6	3%	*	%REC	10-140		100	343608	06/25/24	06/27/24	HQN
2,4,6-Tribromophenol	1%	*	%REC	12-140		100	343608	06/25/24	06/27/24	HQN
Nitrobenzene-d5	49%		%REC	10-140		100	343608	06/25/24	06/27/24	HQN
2-Fluorobiphenyl	52%		%REC	11-140		100	343608	06/25/24	06/27/24	HQN
Terphenyl-d14	74%		%REC	20-140		100	343608	06/25/24	06/27/24	HQN
Method: EPA 9040B										
pH	**7.95**	H	SU			1	343536	06/24/24	06/24/24	KLK
Temperature	**18.00**	H	deg C	1.00		1	343536	06/24/24	06/24/24	KLK

* Value is outside QC limits
> Value exceeds indicated concentration
H Holding time was exceeded
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1163883**	**Batch: 343497**
Matrix: Water	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1163883 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/L	0.030	0.014	06/23/24	06/24/24
Arsenic	ND		mg/L	0.010	0.0045	06/23/24	06/24/24
Barium	ND		mg/L	0.010	0.0029	06/23/24	06/24/24
Beryllium	ND		mg/L	0.0050	0.00015	06/23/24	06/24/24
Cadmium	ND		mg/L	0.0050	0.00074	06/23/24	06/24/24
Chromium	ND		mg/L	0.010	0.0014	06/23/24	06/24/24
Cobalt	ND		mg/L	0.0050	0.00079	06/23/24	06/24/24
Copper	ND		mg/L	0.010	0.0050	06/23/24	06/24/24
Lead	ND		mg/L	0.010	0.0030	06/23/24	06/24/24
Molybdenum	ND		mg/L	0.010	0.0035	06/23/24	06/24/24
Nickel	ND		mg/L	0.010	0.0018	06/23/24	06/24/24
Selenium	ND		mg/L	0.030	0.0082	06/23/24	06/24/24
Silver	ND		mg/L	0.0050	0.0013	06/23/24	06/24/24
Thallium	ND		mg/L	0.030	0.012	06/23/24	06/24/24
Vanadium	ND		mg/L	0.010	0.0012	06/23/24	06/24/24
Zinc	ND		mg/L	0.050	0.011	06/23/24	06/24/24

Type: Lab Control Sample	**Lab ID: QC1163884**	**Batch: 343497**
Matrix: Water	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1163884 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	0.4042	0.4000	mg/L	101%		80-120
Arsenic	0.3904	0.4000	mg/L	98%		80-120
Barium	0.4075	0.4000	mg/L	102%		80-120
Beryllium	0.3969	0.4000	mg/L	99%		80-120
Cadmium	0.3966	0.4000	mg/L	99%		80-120
Chromium	0.3885	0.4000	mg/L	97%		80-120
Cobalt	0.4053	0.4000	mg/L	101%		80-120
Copper	0.3918	0.4000	mg/L	98%		80-120
Lead	0.4083	0.4000	mg/L	102%		80-120
Molybdenum	0.4013	0.4000	mg/L	100%		80-120
Nickel	0.3937	0.4000	mg/L	98%		80-120
Selenium	0.3728	0.4000	mg/L	93%		80-120
Silver	0.1894	0.2000	mg/L	95%		80-120
Thallium	0.4034	0.4000	mg/L	101%		80-120
Vanadium	0.4004	0.4000	mg/L	100%		80-120
Zinc	0.3992	0.4000	mg/L	100%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1163885	Batch:	343497
Matrix (Source ID):	Water (510846-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1163885 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	7.849	ND	8.000	mg/L	98%		75-125	20
Arsenic	8.147	0.2929	8.000	mg/L	98%		75-125	20
Barium	10.90	3.225	8.000	mg/L	96%		75-125	20
Beryllium	7.707	ND	8.000	mg/L	96%		75-125	20
Cadmium	7.468	ND	8.000	mg/L	93%		75-125	20
Chromium	7.983	0.4747	8.000	mg/L	94%		75-125	20
Cobalt	7.910	0.03945	8.000	mg/L	98%		75-125	20
Copper	8.389	ND	8.000	mg/L	105%		75-125	20
Lead	7.772	ND	8.000	mg/L	97%		75-125	20
Molybdenum	7.828	ND	8.000	mg/L	98%		75-125	20
Nickel	7.705	0.1642	8.000	mg/L	94%		75-125	20
Selenium	7.471	ND	8.000	mg/L	93%		75-125	20
Silver	3.786	ND	4.000	mg/L	95%		75-125	20
Thallium	7.466	ND	8.000	mg/L	93%		75-125	20
Vanadium	8.033	0.1485	8.000	mg/L	99%		75-125	20
Zinc	9.167	1.459	8.000	mg/L	96%		75-125	20

Type:	Matrix Spike Duplicate	Lab ID:	QC1163886	Batch:	343497
Matrix (Source ID):	Water (510846-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1163886 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	7.928	ND	8.000	mg/L	99%		75-125	1	20	20
Arsenic	8.082	0.2929	8.000	mg/L	97%		75-125	1	20	20
Barium	10.88	3.225	8.000	mg/L	96%		75-125	0	20	20
Beryllium	7.707	ND	8.000	mg/L	96%		75-125	0	20	20
Cadmium	7.451	ND	8.000	mg/L	93%		75-125	0	20	20
Chromium	7.972	0.4747	8.000	mg/L	94%		75-125	0	20	20
Cobalt	7.903	0.03945	8.000	mg/L	98%		75-125	0	20	20
Copper	8.376	ND	8.000	mg/L	105%		75-125	0	20	20
Lead	7.760	ND	8.000	mg/L	97%		75-125	0	20	20
Molybdenum	7.818	ND	8.000	mg/L	98%		75-125	0	20	20
Nickel	7.709	0.1642	8.000	mg/L	94%		75-125	0	20	20
Selenium	7.452	ND	8.000	mg/L	93%		75-125	0	20	20
Silver	3.770	ND	4.000	mg/L	94%		75-125	0	20	20
Thallium	7.494	ND	8.000	mg/L	94%		75-125	0	20	20
Vanadium	8.022	0.1485	8.000	mg/L	98%		75-125	0	20	20
Zinc	9.160	1.459	8.000	mg/L	96%		75-125	0	20	20

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1164099	Batch: 343552
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1164099 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	1.2	06/24/24	06/24/24
Arsenic	ND		mg/Kg	1.0	0.54	06/24/24	06/24/24
Barium	ND		mg/Kg	1.0	0.40	06/24/24	06/24/24
Beryllium	ND		mg/Kg	0.50	0.022	06/24/24	06/24/24
Cadmium	ND		mg/Kg	0.50	0.053	06/24/24	06/24/24
Chromium	ND		mg/Kg	1.0	0.23	06/24/24	06/24/24
Cobalt	ND		mg/Kg	0.50	0.22	06/24/24	06/24/24
Copper	ND		mg/Kg	1.0	0.65	06/24/24	06/24/24
Lead	ND		mg/Kg	1.0	0.75	06/24/24	06/24/24
Molybdenum	ND		mg/Kg	1.0	0.55	06/24/24	06/24/24
Nickel	ND		mg/Kg	1.0	0.45	06/24/24	06/24/24
Selenium	ND		mg/Kg	3.0	0.90	06/24/24	06/24/24
Silver	ND		mg/Kg	0.50	0.17	06/24/24	06/24/24
Thallium	ND		mg/Kg	3.0	0.95	06/24/24	06/24/24
Vanadium	ND		mg/Kg	1.0	0.16	06/24/24	06/24/24
Zinc	ND		mg/Kg	5.0	1.6	06/24/24	06/24/24

Type: Matrix Spike	Lab ID: QC1164100	Batch: 343552
Matrix (Source ID): Miscell. (510849-001)	Method: EPA 6010B	Prep Method: EPA 3050B

QC1164100 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	52.06	ND	95.24	mg/Kg	55%	*	75-125	0.95
Arsenic	94.99	3.135	95.24	mg/Kg	96%		75-125	0.95
Barium	188.9	83.19	95.24	mg/Kg	111%		75-125	0.95
Beryllium	95.44	1.489	95.24	mg/Kg	99%		75-125	0.95
Cadmium	90.31	ND	95.24	mg/Kg	95%		75-125	0.95
Chromium	94.88	6.815	95.24	mg/Kg	92%		75-125	0.95
Cobalt	97.41	2.319	95.24	mg/Kg	100%		75-125	0.95
Copper	126.0	30.97	95.24	mg/Kg	100%		75-125	0.95
Lead	94.76	0.9557	95.24	mg/Kg	98%		75-125	0.95
Molybdenum	87.83	0.5220	95.24	mg/Kg	92%		75-125	0.95
Nickel	103.6	10.65	95.24	mg/Kg	98%		75-125	0.95
Selenium	87.40	ND	95.24	mg/Kg	92%		75-125	0.95
Silver	40.49	ND	47.62	mg/Kg	85%		75-125	0.95
Thallium	84.67	ND	95.24	mg/Kg	89%		75-125	0.95
Vanadium	100.6	8.271	95.24	mg/Kg	97%		75-125	0.95
Zinc	116.0	20.35	95.24	mg/Kg	100%		75-125	0.95

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1164101	Batch:	343552
Matrix (Source ID):	Miscell. (510849-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1164101 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	56.35	ND	98.04	mg/Kg	57%	*	75-125	5	41	0.98
Arsenic	92.86	3.135	98.04	mg/Kg	92%		75-125	5	35	0.98
Barium	175.2	83.19	98.04	mg/Kg	94%		75-125	9	20	0.98
Beryllium	93.75	1.489	98.04	mg/Kg	94%		75-125	5	20	0.98
Cadmium	89.27	ND	98.04	mg/Kg	91%		75-125	4	20	0.98
Chromium	94.18	6.815	98.04	mg/Kg	89%		75-125	3	20	0.98
Cobalt	95.61	2.319	98.04	mg/Kg	95%		75-125	5	20	0.98
Copper	124.4	30.97	98.04	mg/Kg	95%		75-125	3	20	0.98
Lead	93.15	0.9557	98.04	mg/Kg	94%		75-125	5	20	0.98
Molybdenum	86.80	0.5220	98.04	mg/Kg	88%		75-125	4	20	0.98
Nickel	100.9	10.65	98.04	mg/Kg	92%		75-125	5	20	0.98
Selenium	85.86	ND	98.04	mg/Kg	88%		75-125	5	20	0.98
Silver	39.34	ND	49.02	mg/Kg	80%		75-125	6	20	0.98
Thallium	83.73	ND	98.04	mg/Kg	85%		75-125	4	20	0.98
Vanadium	98.37	8.271	98.04	mg/Kg	92%		75-125	5	20	0.98
Zinc	111.6	20.35	98.04	mg/Kg	93%		75-125	6	20	0.98

Type:	Post Digest Spike	Lab ID:	QC1164102	Batch:	343552
Matrix (Source ID):	Miscell. (510849-001)	Method:	EPA 6010B	Prep Method:	EPA 3050B

QC1164102 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	96.67	ND	95.24	mg/Kg	101%		75-125	0.95
Arsenic	98.08	3.135	95.24	mg/Kg	100%		75-125	0.95
Barium	178.9	83.19	95.24	mg/Kg	100%		75-125	0.95
Beryllium	96.88	1.489	95.24	mg/Kg	100%		75-125	0.95
Cadmium	93.81	ND	95.24	mg/Kg	99%		75-125	0.95
Chromium	97.92	6.815	95.24	mg/Kg	96%		75-125	0.95
Cobalt	100.5	2.319	95.24	mg/Kg	103%		75-125	0.95
Copper	126.1	30.97	95.24	mg/Kg	100%		75-125	0.95
Lead	98.94	0.9557	95.24	mg/Kg	103%		75-125	0.95
Molybdenum	96.69	0.5220	95.24	mg/Kg	101%		75-125	0.95
Nickel	106.0	10.65	95.24	mg/Kg	100%		75-125	0.95
Selenium	90.78	ND	95.24	mg/Kg	95%		75-125	0.95
Silver	44.67	ND	47.62	mg/Kg	94%		75-125	0.95
Thallium	96.22	ND	95.24	mg/Kg	101%		75-125	0.95
Vanadium	101.8	8.271	95.24	mg/Kg	98%		75-125	0.95
Zinc	116.8	20.35	95.24	mg/Kg	101%		75-125	0.95

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1164110	Batch: 343552
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1164110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	109.4	100.0	mg/Kg	109%		80-120
Arsenic	110.7	100.0	mg/Kg	111%		80-120
Barium	111.8	100.0	mg/Kg	112%		80-120
Beryllium	110.6	100.0	mg/Kg	111%		80-120
Cadmium	109.3	100.0	mg/Kg	109%		80-120
Chromium	105.9	100.0	mg/Kg	106%		80-120
Cobalt	112.1	100.0	mg/Kg	112%		80-120
Copper	108.0	100.0	mg/Kg	108%		80-120
Lead	113.8	100.0	mg/Kg	114%		80-120
Molybdenum	110.3	100.0	mg/Kg	110%		80-120
Nickel	109.3	100.0	mg/Kg	109%		80-120
Selenium	102.5	100.0	mg/Kg	103%		80-120
Silver	52.18	50.00	mg/Kg	104%		80-120
Thallium	111.7	100.0	mg/Kg	112%		80-120
Vanadium	109.9	100.0	mg/Kg	110%		80-120
Zinc	112.1	100.0	mg/Kg	112%		80-120

Type: Blank	Lab ID: QC1164017	Batch: 343528
Matrix: Water	Method: EPA 7470A	Prep Method: METHOD

QC1164017 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/L	0.00040	0.00018	06/24/24	06/24/24

Type: Lab Control Sample	Lab ID: QC1164018	Batch: 343528
Matrix: Water	Method: EPA 7470A	Prep Method: METHOD

QC1164018 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.005131	0.005000	mg/L	103%		80-120

Type: Matrix Spike	Lab ID: QC1164019	Batch: 343528
Matrix (Source ID): Water (510847-004)	Method: EPA 7470A	Prep Method: METHOD

QC1164019 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.006	ND	1.000	mg/L	101%		75-125	200

Type: Matrix Spike Duplicate	Lab ID: QC1164020	Batch: 343528
Matrix (Source ID): Water (510847-004)	Method: EPA 7470A	Prep Method: METHOD

QC1164020 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.066	ND	1.000	mg/L	107%		75-125	6	20	200

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1164075	Batch: 343546
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1164075 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	0.035	06/24/24	06/24/24

Type: Lab Control Sample	Lab ID: QC1164076	Batch: 343546
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1164076 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8239	0.8333	mg/Kg	99%		80-120

Type: Matrix Spike	Lab ID: QC1164077	Batch: 343546
Matrix (Source ID): Soil (510691-047)	Method: EPA 7471A	Prep Method: METHOD

QC1164077 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.062	0.06453	1.000	mg/Kg	100%		75-125	1.2

Type: Matrix Spike Duplicate	Lab ID: QC1164078	Batch: 343546
Matrix (Source ID): Soil (510691-047)	Method: EPA 7471A	Prep Method: METHOD

QC1164078 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.012	0.06453	0.9615	mg/Kg	99%		75-125	1	20	1.2

Type: Blank	Lab ID: QC1164000	Batch: 343524
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1164000 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Vinyl Chloride	ND		mg/L	0.005	0.00009	06/24/24	06/24/24
1,1-Dichloroethene	ND		mg/L	0.005	0.0001	06/24/24	06/24/24
2-Butanone	ND		mg/L	0.1	0.003	06/24/24	06/24/24
Chloroform	ND		mg/L	0.005	0.0001	06/24/24	06/24/24
Carbon Tetrachloride	ND		mg/L	0.005	0.0001	06/24/24	06/24/24
1,2-Dichloroethane	ND		mg/L	0.005	0.0001	06/24/24	06/24/24
Benzene	ND		mg/L	0.005	0.0001	06/24/24	06/24/24
Trichloroethene	ND		mg/L	0.005	0.0001	06/24/24	06/24/24
Tetrachloroethene	ND		mg/L	0.005	0.00008	06/24/24	06/24/24
Chlorobenzene	ND		mg/L	0.005	0.0001	06/24/24	06/24/24
1,4-Dichlorobenzene	ND		mg/L	0.005	0.00009	06/24/24	06/24/24
Surrogates				**Limits**			
Dibromofluoromethane	96%		%REC	70-130		06/24/24	06/24/24
1,2-Dichloroethane-d4	90%		%REC	70-130		06/24/24	06/24/24
Toluene-d8	98%		%REC	70-130		06/24/24	06/24/24
Bromofluorobenzene	98%		%REC	70-130		06/24/24	06/24/24

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1164001**	**Batch:**	**343524**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1164001 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Vinyl Chloride	0.04008	0.05000	mg/L	80%		70-130
1,1-Dichloroethene	0.04181	0.05000	mg/L	84%		70-135
2-Butanone	0.09971	0.1250	mg/L	80%		56-127
Chloroform	0.04349	0.05000	mg/L	87%		70-130
Carbon Tetrachloride	0.04287	0.05000	mg/L	86%		70-130
1,2-Dichloroethane	0.03896	0.05000	mg/L	78%		70-130
Benzene	0.04550	0.05000	mg/L	91%		70-130
Trichloroethene	0.04572	0.05000	mg/L	91%		70-130
Tetrachloroethene	0.04697	0.05000	mg/L	94%		70-130
Chlorobenzene	0.04531	0.05000	mg/L	91%		70-130
1,4-Dichlorobenzene	0.04392	0.05000	mg/L	88%		70-130
Surrogates						
Dibromofluoromethane	0.04618	0.05000	mg/L	92%		70-130
1,2-Dichloroethane-d4	0.04247	0.05000	mg/L	85%		70-130
Toluene-d8	0.05002	0.05000	mg/L	100%		70-130
Bromofluorobenzene	0.05121	0.05000	mg/L	102%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1164002**	**Batch:**	**343524**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1164002 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Vinyl Chloride	0.04593	0.05000	mg/L	92%		70-130	14	30
1,1-Dichloroethene	0.04820	0.05000	mg/L	96%		70-135	14	30
2-Butanone	0.1188	0.1250	mg/L	95%		56-127	17	30
Chloroform	0.05076	0.05000	mg/L	102%		70-130	15	30
Carbon Tetrachloride	0.05035	0.05000	mg/L	101%		70-130	16	30
1,2-Dichloroethane	0.04622	0.05000	mg/L	92%		70-130	17	30
Benzene	0.05397	0.05000	mg/L	108%		70-130	17	30
Trichloroethene	0.05365	0.05000	mg/L	107%		70-130	16	30
Tetrachloroethene	0.05554	0.05000	mg/L	111%		70-130	17	30
Chlorobenzene	0.05248	0.05000	mg/L	105%		70-130	15	30
1,4-Dichlorobenzene	0.05121	0.05000	mg/L	102%		70-130	15	30
Surrogates								
Dibromofluoromethane	0.04695	0.05000	mg/L	94%		70-130		
1,2-Dichloroethane-d4	0.04352	0.05000	mg/L	87%		70-130		
Toluene-d8	0.04991	0.05000	mg/L	100%		70-130		
Bromofluorobenzene	0.05086	0.05000	mg/L	102%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1164068	Batch:	343524
Matrix (Source ID):	Water (510754-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1164068 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Vinyl Chloride	0.04424	ND	0.05000	mg/L	88%		70-130	1
1,1-Dichloroethene	0.04679	ND	0.05000	mg/L	94%		70-130	1
2-Butanone	0.1109	ND	0.1250	mg/L	89%		55-126	1
Chloroform	0.04858	ND	0.05000	mg/L	97%		70-130	1
Carbon Tetrachloride	0.04858	ND	0.05000	mg/L	97%		70-130	1
1,2-Dichloroethane	0.04374	ND	0.05000	mg/L	87%		70-130	1
Benzene	0.05057	ND	0.05000	mg/L	101%		70-130	1
Trichloroethene	0.05186	ND	0.05000	mg/L	104%		63-130	1
Tetrachloroethene	0.05381	ND	0.05000	mg/L	108%		49-130	1
Chlorobenzene	0.05088	ND	0.05000	mg/L	102%		70-130	1
1,4-Dichlorobenzene	0.05094	ND	0.05000	mg/L	102%		70-130	1
Surrogates								
Dibromofluoromethane	0.04592		0.05000	mg/L	92%		70-130	1
1,2-Dichloroethane-d4	0.04232		0.05000	mg/L	85%		70-130	1
Toluene-d8	0.05021		0.05000	mg/L	100%		70-130	1
Bromofluorobenzene	0.05248		0.05000	mg/L	105%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1164069	Batch:	343524
Matrix (Source ID):	Water (510754-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1164069 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Vinyl Chloride	0.04108	ND	0.05000	mg/L	82%		70-130	7	30	1
1,1-Dichloroethene	0.04374	ND	0.05000	mg/L	87%		70-130	7	30	1
2-Butanone	0.1039	ND	0.1250	mg/L	83%		55-126	7	26	1
Chloroform	0.04574	ND	0.05000	mg/L	91%		70-130	6	30	1
Carbon Tetrachloride	0.04552	ND	0.05000	mg/L	91%		70-130	6	30	1
1,2-Dichloroethane	0.04104	ND	0.05000	mg/L	82%		70-130	6	30	1
Benzene	0.04754	ND	0.05000	mg/L	95%		70-130	6	30	1
Trichloroethene	0.04854	ND	0.05000	mg/L	97%		63-130	7	30	1
Tetrachloroethene	0.05041	ND	0.05000	mg/L	101%		49-130	7	30	1
Chlorobenzene	0.04757	ND	0.05000	mg/L	95%		70-130	7	30	1
1,4-Dichlorobenzene	0.04787	ND	0.05000	mg/L	96%		70-130	6	30	1
Surrogates										
Dibromofluoromethane	0.04582		0.05000	mg/L	92%		70-130			1
1,2-Dichloroethane-d4	0.04113		0.05000	mg/L	82%		70-130			1
Toluene-d8	0.04941		0.05000	mg/L	99%		70-130			1
Bromofluorobenzene	0.05231		0.05000	mg/L	105%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1163982	Batch: 343520
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163982 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Vinyl Chloride	ND		mg/Kg	0.005	0.002	06/24/24	06/24/24
1,1-Dichloroethene	ND		mg/Kg	0.005	0.001	06/24/24	06/24/24
2-Butanone	ND		mg/Kg	0.1	0.007	06/24/24	06/24/24
Chloroform	ND		mg/Kg	0.005	0.0008	06/24/24	06/24/24
Carbon Tetrachloride	ND		mg/Kg	0.005	0.001	06/24/24	06/24/24
1,2-Dichloroethane	ND		mg/Kg	0.005	0.001	06/24/24	06/24/24
Benzene	ND		mg/Kg	0.005	0.001	06/24/24	06/24/24
Trichloroethene	ND		mg/Kg	0.005	0.0008	06/24/24	06/24/24
Tetrachloroethene	ND		mg/Kg	0.005	0.001	06/24/24	06/24/24
Chlorobenzene	ND		mg/Kg	0.005	0.0008	06/24/24	06/24/24
1,4-Dichlorobenzene	ND		mg/Kg	0.005	0.001	06/24/24	06/24/24
Surrogates				**Limits**			
Dibromofluoromethane	115%		%REC	70-130		06/24/24	06/24/24
1,2-Dichloroethane-d4	110%		%REC	70-145		06/24/24	06/24/24
Toluene-d8	102%		%REC	70-145		06/24/24	06/24/24
Bromofluorobenzene	99%		%REC	70-145		06/24/24	06/24/24

Type: Lab Control Sample	Lab ID: QC1163983	Batch: 343520
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1163983 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Vinyl Chloride	0.05645	0.05000	mg/Kg	113%		70-130
1,1-Dichloroethene	0.05985	0.05000	mg/Kg	120%		70-131
2-Butanone	0.1505	0.1250	mg/Kg	120%		65-130
Chloroform	0.05979	0.05000	mg/Kg	120%		70-130
Carbon Tetrachloride	0.06110	0.05000	mg/Kg	122%		70-130
1,2-Dichloroethane	0.05563	0.05000	mg/Kg	111%		70-130
Benzene	0.05843	0.05000	mg/Kg	117%		70-130
Trichloroethene	0.05072	0.05000	mg/Kg	101%		70-130
Tetrachloroethene	0.05441	0.05000	mg/Kg	109%		63-130
Chlorobenzene	0.05299	0.05000	mg/Kg	106%		70-130
1,4-Dichlorobenzene	0.05014	0.05000	mg/Kg	100%		70-130
Surrogates						
Dibromofluoromethane	0.05886	0.05000	mg/Kg	118%		70-130
1,2-Dichloroethane-d4	0.05310	0.05000	mg/Kg	106%		70-145
Toluene-d8	0.05080	0.05000	mg/Kg	102%		70-145
Bromofluorobenzene	0.04978	0.05000	mg/Kg	100%		70-145

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1163984**	**Batch:**	**343520**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1163984 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Vinyl Chloride	0.05270	0.05000	mg/Kg	105%		70-130	7	30
1,1-Dichloroethene	0.05722	0.05000	mg/Kg	114%		70-131	4	33
2-Butanone	0.1461	0.1250	mg/Kg	117%		65-130	3	30
Chloroform	0.05641	0.05000	mg/Kg	113%		70-130	6	30
Carbon Tetrachloride	0.05738	0.05000	mg/Kg	115%		70-130	6	30
1,2-Dichloroethane	0.05268	0.05000	mg/Kg	105%		70-130	5	30
Benzene	0.05534	0.05000	mg/Kg	111%		70-130	5	30
Trichloroethene	0.05104	0.05000	mg/Kg	102%		70-130	1	30
Tetrachloroethene	0.05274	0.05000	mg/Kg	105%		63-130	3	30
Chlorobenzene	0.05051	0.05000	mg/Kg	101%		70-130	5	30
1,4-Dichlorobenzene	0.04730	0.05000	mg/Kg	95%		70-130	6	30
Surrogates								
Dibromofluoromethane	0.05870	0.05000	mg/Kg	117%		70-130		
1,2-Dichloroethane-d4	0.05364	0.05000	mg/Kg	107%		70-145		
Toluene-d8	0.05115	0.05000	mg/Kg	102%		70-145		
Bromofluorobenzene	0.04837	0.05000	mg/Kg	97%		70-145		

Type:	**Blank**	**Lab ID:**	**QC1163985**	**Batch:**	**343520**
Matrix:	**Soil**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1163985 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Vinyl Chloride	ND		mg/Kg	0.3	0.08	06/24/24	06/24/24
1,1-Dichloroethene	ND		mg/Kg	0.3	0.04	06/24/24	06/24/24
2-Butanone	ND		mg/Kg	5.0	0.4	06/24/24	06/24/24
Chloroform	ND		mg/Kg	0.3	0.04	06/24/24	06/24/24
Carbon Tetrachloride	ND		mg/Kg	0.3	0.04	06/24/24	06/24/24
1,2-Dichloroethane	ND		mg/Kg	0.3	0.05	06/24/24	06/24/24
Benzene	ND		mg/Kg	0.3	0.04	06/24/24	06/24/24
Trichloroethene	ND		mg/Kg	0.3	0.03	06/24/24	06/24/24
Tetrachloroethene	ND		mg/Kg	0.3	0.09	06/24/24	06/24/24
Chlorobenzene	ND		mg/Kg	0.3	0.04	06/24/24	06/24/24
1,4-Dichlorobenzene	ND		mg/Kg	0.3	0.03	06/24/24	06/24/24
Surrogates				**Limits**			
Dibromofluoromethane	105%		%REC	70-130		06/24/24	06/24/24
1,2-Dichloroethane-d4	89%		%REC	70-145		06/24/24	06/24/24
Toluene-d8	101%		%REC	70-145		06/24/24	06/24/24
Bromofluorobenzene	124%		%REC	70-145		06/24/24	06/24/24

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1164079	Batch:	343520
Matrix (Source ID):	Soil (510831-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1164079 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Vinyl Chloride	0.05501	ND	0.05000	mg/Kg	110%		60-133	1
1,1-Dichloroethene	0.05778	ND	0.05000	mg/Kg	116%		70-141	1
2-Butanone	0.1640	ND	0.1250	mg/Kg	131%		55-133	1
Chloroform	0.05713	ND	0.05000	mg/Kg	114%		70-130	1
Carbon Tetrachloride	0.05897	ND	0.05000	mg/Kg	118%		70-130	1
1,2-Dichloroethane	0.05610	ND	0.05000	mg/Kg	112%		70-130	1
Benzene	0.05614	ND	0.05000	mg/Kg	112%		70-130	1
Trichloroethene	0.04948	ND	0.05000	mg/Kg	99%		69-130	1
Tetrachloroethene	0.05281	ND	0.05000	mg/Kg	106%		53-130	1
Chlorobenzene	0.05131	ND	0.05000	mg/Kg	103%		70-130	1
1,4-Dichlorobenzene	0.04882	ND	0.05000	mg/Kg	98%		70-130	1
Surrogates								
Dibromofluoromethane	0.05809		0.05000	mg/Kg	116%		70-145	1
1,2-Dichloroethane-d4	0.05435		0.05000	mg/Kg	109%		70-145	1
Toluene-d8	0.05072		0.05000	mg/Kg	101%		70-145	1
Bromofluorobenzene	0.04901		0.05000	mg/Kg	98%		70-145	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1164080	Batch:	343520
Matrix (Source ID):	Soil (510831-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1164080 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Vinyl Chloride	0.04913	ND	0.05000	mg/Kg	98%		60-133	11	34	1
1,1-Dichloroethene	0.05209	ND	0.05000	mg/Kg	104%		70-141	10	43	1
2-Butanone	0.1417	ND	0.1250	mg/Kg	113%		55-133	15	36	1
Chloroform	0.05220	ND	0.05000	mg/Kg	104%		70-130	9	30	1
Carbon Tetrachloride	0.05271	ND	0.05000	mg/Kg	105%		70-130	11	30	1
1,2-Dichloroethane	0.04312	ND	0.05000	mg/Kg	86%		70-130	26	30	1
Benzene	0.05096	ND	0.05000	mg/Kg	102%		70-130	10	30	1
Trichloroethene	0.04536	ND	0.05000	mg/Kg	91%		69-130	9	30	1
Tetrachloroethene	0.04784	ND	0.05000	mg/Kg	96%		53-130	10	30	1
Chlorobenzene	0.04653	ND	0.05000	mg/Kg	93%		70-130	10	30	1
1,4-Dichlorobenzene	0.04283	ND	0.05000	mg/Kg	86%		70-130	13	30	1
Surrogates										
Dibromofluoromethane	0.05778		0.05000	mg/Kg	116%		70-145			1
1,2-Dichloroethane-d4	0.05431		0.05000	mg/Kg	109%		70-145			1
Toluene-d8	0.05085		0.05000	mg/Kg	102%		70-145			1
Bromofluorobenzene	0.04999		0.05000	mg/Kg	100%		70-145			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1164336	Batch: 343608
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1164336 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Pyridine	ND		mg/L	0.010	0.0021	06/25/24	06/25/24
2-Methylphenol	ND		mg/L	0.010	0.0016	06/25/24	06/25/24
3-,4-Methylphenol	ND		mg/L	0.010	0.0017	06/25/24	06/25/24
Hexachloroethane	ND		mg/L	0.010	0.0014	06/25/24	06/25/24
Nitrobenzene	ND		mg/L	0.025	0.0016	06/25/24	06/25/24
Hexachlorobutadiene	ND		mg/L	0.010	0.0013	06/25/24	06/25/24
2,4,6-Trichlorophenol	ND		mg/L	0.010	0.0025	06/25/24	06/25/24
2,4,5-Trichlorophenol	ND		mg/L	0.010	0.0052	06/25/24	06/25/24
2,4-Dinitrotoluene	ND		mg/L	0.010	0.00074	06/25/24	06/25/24
Hexachlorobenzene	ND		mg/L	0.010	0.00078	06/25/24	06/25/24
Pentachlorophenol	ND		mg/L	0.025	0.0065	06/25/24	06/25/24
Surrogates				**Limits**			
2-Fluorophenol	41%		%REC	20-140		06/25/24	06/25/24
Phenol-d6	30%		%REC	20-140		06/25/24	06/25/24
2,4,6-Tribromophenol	107%		%REC	20-140		06/25/24	06/25/24
Nitrobenzene-d5	71%		%REC	20-140		06/25/24	06/25/24
2-Fluorobiphenyl	87%		%REC	20-140		06/25/24	06/25/24
Terphenyl-d14	99%		%REC	20-140		06/25/24	06/25/24

Type: Lab Control Sample	Lab ID: QC1164337	Batch: 343608
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1164337 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Pyridine	0.03383	0.07500	mg/L	45%		13-120
2-Methylphenol	0.05730	0.07500	mg/L	76%		24-120
3-,4-Methylphenol	0.05598	0.07500	mg/L	75%		29-120
Hexachloroethane	0.04032	0.07500	mg/L	54%		23-120
Nitrobenzene	0.05985	0.07500	mg/L	80%		32-120
Hexachlorobutadiene	0.04577	0.07500	mg/L	61%		22-120
2,4,6-Trichlorophenol	0.08564	0.07500	mg/L	114%		34-120
2,4,5-Trichlorophenol	0.09216	0.07500	mg/L	123%	*	38-120
2,4-Dinitrotoluene	0.08330	0.07500	mg/L	111%		46-120
Hexachlorobenzene	0.08524	0.07500	mg/L	114%		43-120
Pentachlorophenol	0.07574	0.07500	mg/L	101%		37-120
Surrogates						
2-Fluorophenol	0.02134	0.04000	mg/L	53%		20-140
Phenol-d6	0.01476	0.04000	mg/L	37%		20-140
2,4,6-Tribromophenol	0.05342	0.04000	mg/L	134%		20-140
Nitrobenzene-d5	0.03226	0.04000	mg/L	81%		20-140
2-Fluorobiphenyl	0.03820	0.04000	mg/L	96%		20-140
Terphenyl-d14	0.04581	0.04000	mg/L	115%		20-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1164338**	**Batch:**	**343608**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1164338 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Pyridine	0.03561	0.07500	mg/L	47%		13-120	5	70
2-Methylphenol	0.05817	0.07500	mg/L	78%		24-120	1	69
3-,4-Methylphenol	0.05653	0.07500	mg/L	75%		29-120	1	62
Hexachloroethane	0.04106	0.07500	mg/L	55%		23-120	2	67
Nitrobenzene	0.05962	0.07500	mg/L	79%		32-120	0	63
Hexachlorobutadiene	0.04500	0.07500	mg/L	60%		22-120	2	62
2,4,6-Trichlorophenol	0.08213	0.07500	mg/L	110%		34-120	4	69
2,4,5-Trichlorophenol	0.08872	0.07500	mg/L	118%		38-120	4	59
2,4-Dinitrotoluene	0.07992	0.07500	mg/L	107%		46-120	4	41
Hexachlorobenzene	0.08101	0.07500	mg/L	108%		43-120	5	44
Pentachlorophenol	0.07241	0.07500	mg/L	97%		37-120	4	42
Surrogates								
2-Fluorophenol	0.02089	0.04000	mg/L	52%		20-140		
Phenol-d6	0.01415	0.04000	mg/L	35%		20-140		
2,4,6-Tribromophenol	0.05139	0.04000	mg/L	128%		20-140		
Nitrobenzene-d5	0.03230	0.04000	mg/L	81%		20-140		
2-Fluorobiphenyl	0.03760	0.04000	mg/L	94%		20-140		
Terphenyl-d14	0.04480	0.04000	mg/L	112%		20-140		

Type:	**Lab Control Sample**	**Lab ID:**	**QC1164509**	**Batch:**	**343697**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1164509 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
2,4,5-Trichlorophenol	0.07538	0.07500	mg/L	101%		38-120
2,4-Dinitrotoluene	0.07685	0.07500	mg/L	102%		46-120
3-,4-Methylphenol	0.05912	0.07500	mg/L	79%		29-120
Pentachlorophenol	0.06341	0.07500	mg/L	85%		37-120
Surrogates						
2,4,6-Tribromophenol	0.03957	0.04000	mg/L	99%		20-140
2-Fluorobiphenyl	0.03346	0.04000	mg/L	84%		20-140
2-Fluorophenol	0.02205	0.04000	mg/L	55%		20-140
Nitrobenzene-d5	0.03846	0.04000	mg/L	96%		20-140
Phenol-d6	0.01438	0.04000	mg/L	36%		20-140
Terphenyl-d14	0.04418	0.04000	mg/L	110%		20-140

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1164510**	**Batch:**	**343697**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1164510 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
2,4,5-Trichlorophenol	0.07699	0.07500	mg/L	103%		38-120	2	59
2,4-Dinitrotoluene	0.08401	0.07500	mg/L	112%		46-120	9	41
3-,4-Methylphenol	0.05517	0.07500	mg/L	74%		29-120	7	62
Pentachlorophenol	0.06828	0.07500	mg/L	91%		37-120	7	42
Surrogates								
2,4,6-Tribromophenol	0.04272	0.04000	mg/L	107%		20-140		
2-Fluorobiphenyl	0.03503	0.04000	mg/L	88%		20-140		
2-Fluorophenol	0.02046	0.04000	mg/L	51%		20-140		
Nitrobenzene-d5	0.03804	0.04000	mg/L	95%		20-140		
Phenol-d6	0.01322	0.04000	mg/L	33%		20-140		
Terphenyl-d14	0.04447	0.04000	mg/L	111%		20-140		

Type:	**Blank**	**Lab ID:**	**QC1164511**	**Batch:**	**343697**
Matrix:	**TCLP Leachate**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1164511 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
2,4,5-Trichlorophenol	ND		mg/L	0.020	0.0053	06/25/24	06/27/24
2,4,6-Trichlorophenol	ND		mg/L	0.020	0.0048	06/25/24	06/27/24
2,4-Dinitrotoluene	ND		mg/L	0.020	0.0031	06/25/24	06/27/24
2-Methylphenol	ND		mg/L	0.020	0.0026	06/25/24	06/27/24
3-,4-Methylphenol	ND		mg/L	0.020	0.0026	06/25/24	06/27/24
Hexachlorobenzene	ND		mg/L	0.020	0.0025	06/25/24	06/27/24
Hexachlorobutadiene	ND		mg/L	0.020	0.0022	06/25/24	06/27/24
Hexachloroethane	ND		mg/L	0.020	0.0027	06/25/24	06/27/24
Nitrobenzene	ND		mg/L	0.050	0.0025	06/25/24	06/27/24
Pentachlorophenol	ND		mg/L	0.050	0.020	06/25/24	06/27/24
Pyridine	ND		mg/L	0.020	0.0035	06/25/24	06/27/24
Surrogates				**Limits**			
2,4,6-Tribromophenol	89%		%REC	20-140		06/25/24	06/27/24
2-Fluorobiphenyl	97%		%REC	20-140		06/25/24	06/27/24
2-Fluorophenol	73%		%REC	20-140		06/25/24	06/27/24
Nitrobenzene-d5	103%		%REC	20-140		06/25/24	06/27/24
Phenol-d6	57%		%REC	20-140		06/25/24	06/27/24
Terphenyl-d14	110%		%REC	20-140		06/25/24	06/27/24

ENTHALPY ANALYTICAL

Batch QC

Type:	Sample Spike	Lab ID:	QC1164512	Batch:	343697
Matrix (Source ID):	TCLP Leachate (510849-001)	Method:	EPA 8270C	Prep Method:	EPA 3510C

QC1164512 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
2,4,5-Trichlorophenol	0.1579	ND	0.1500	mg/L	105%		28-130	10
2,4-Dinitrotoluene	0.1414	ND	0.1500	mg/L	94%		36-130	10
3-,4-Methylphenol	2.544	2.513	0.1500	mg/L	21%	E,NM	19-130	10
Pentachlorophenol	0.1924	ND	0.1500	mg/L		DO	27-130	10
Surrogates								
2,4,6-Tribromophenol	0.1141		0.08000	mg/L	143%	*	12-140	10
2-Fluorobiphenyl	0.06722		0.08000	mg/L	84%		11-140	10
2-Fluorophenol	0.05642		0.08000	mg/L	71%		10-140	10
Nitrobenzene-d5	0.06637		0.08000	mg/L	83%		10-140	10
Phenol-d6	0.04951		0.08000	mg/L	62%		10-140	10
Terphenyl-d14	0.08012		0.08000	mg/L	100%		20-140	10

Type:	Sample Duplicate	Lab ID:	QC1164186	Batch:	343536
Matrix (Source ID):	Water (510851-002)	Method:	EPA 9040B		

QC1164186 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.990	7.950	SU		1	20	1
Temperature	21.10	18.00	deg C		16	20	1

Type:	Sample Duplicate	Lab ID:	QC1164081	Batch:	343547
Matrix (Source ID):	Miscell. (510849-001)	Method:	EPA 9045C		

QC1164081 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	6.650	6.640	SU		0	20	1
Temperature	24.90	24.70	deg C		1	20	1

* Value is outside QC limits
DO Diluted Out
E Response exceeds instrument's linear range
ND Not Detected
NM Not Meaningful

Attachment I

Inspection Logs

CHIQUITA CANYON
A Waste Connections Company

July 9, 2024

Via E-Mail
Karen Gork
Chief Environmental Health Specialist
Los Angeles County Department of Public Health
Local Enforcement Agency
Environmental Programs Division
5050 Commerce Drive,
Baldwin Park, California 91706
KGork@ph.lacounty.gov

Re: Chiquita Canyon, LLC's Weekly Report on the Documentation and Tracking of Cover Issues and Monthly Summary

Dear Ms. Gork:

In accordance with the Local Enforcement Agency's ("LEA") May 2, 2024 letter approving Chiquita's April 16, 2024 Second Revised Written Plan for Documenting and Tracking Cover Issues ("Second Revised Written Plan"), the LEA's May 29, 2024 letter, and the LEA's June 6, 2024 Compliance Order, Chiquita presents the enclosed report for documenting and tracking cover issues for the week of July 1, 2024 to July 6, 2024. Please note, July 4, 2024 was a federal holiday. Included in this report is the monthly summary of fissure and tension cracks, pursuant to the Second Revised Written Plan. Please contact me in the event you have any questions regarding this matter.

Regards,

Steve Cassulo
District Manager
Chiquita Canyon, LLC

Attachment: July 1, 2024 Weekly Cover Issues Report and Monthly Summary
cc: Mark Como, Department of Public Health
Eric Morofuji, Department of Public Health

Fissures and Tension Cracks

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

1 Jul 2024 / Tom Roe

Complete

Conducted on	1 Jul 2024 8:49 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 151/152 looking west on to top deck.

Photo 1

Photo 2

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

2 Jul 2024 / Tom Roe

Complete

Conducted on	2 Jul 2024 9:59 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.

Grid Location	151

Using the Media link below, attach the before photo of the fissure of tension crack. 2 Jul 2024 10:01 AM PDT

Photo 1

Photo 2

Length of crack (ft) or area containing multiple cracks (ft x ft)	8ft

Horizontal Offset (width)	Large >4" in width
Vertical Offset (height)	Small 0.5-2" in height
Orientation (direction)	NW to SE
Location	(34.4362853, -118.6474148)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 3

Date and time of repairs	2 Jul 2024 10:16 AM PDT
Description of repairs	Other (please describe)

Dirt was brought in and compacted on the crack location.

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

3 Jul 2024 / Tom Roe

Complete

Conducted on	3 Jul 2024 8:44 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 151/152

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

5 Jul 2024 / John Boucher

Complete

Conducted on	5 Jul 2024 2:36 PM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 152 facing North West

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

6 Jul 2024 / John Boucher

Complete

Conducted on	6 Jul 2024 9:38 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Photo taken from grid 151 looking south east

Photo 1

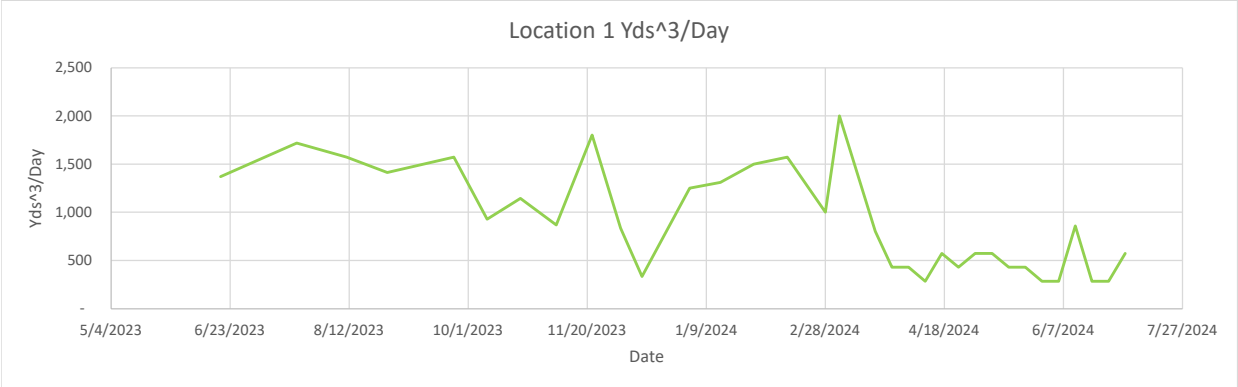
Instability

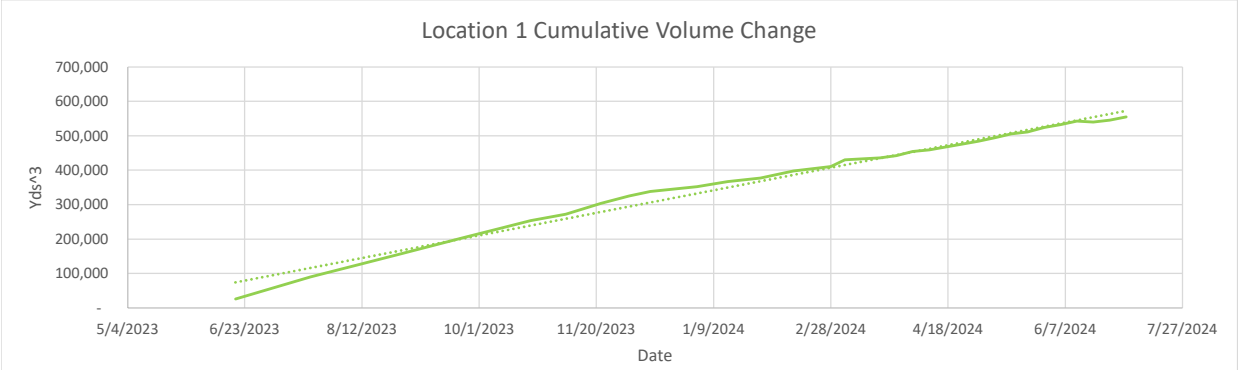
Are there any indications of slope stability concerns?	No

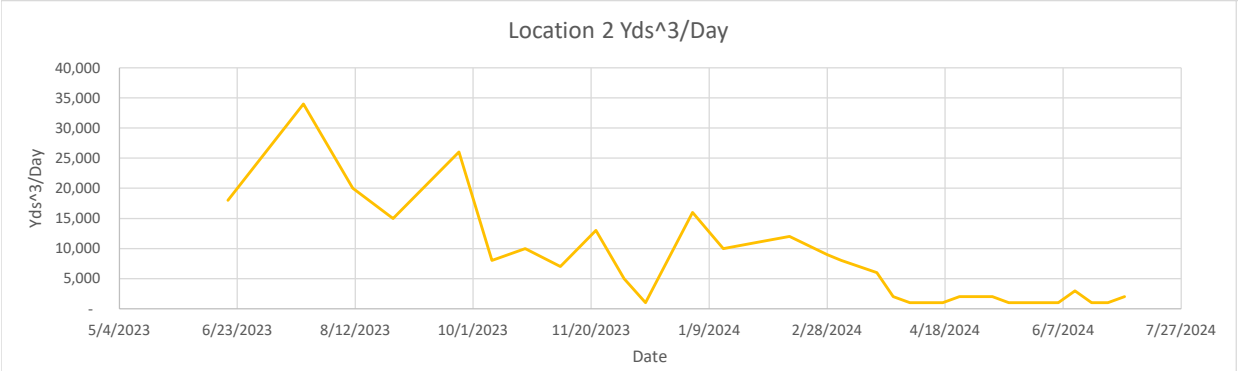
Settlement

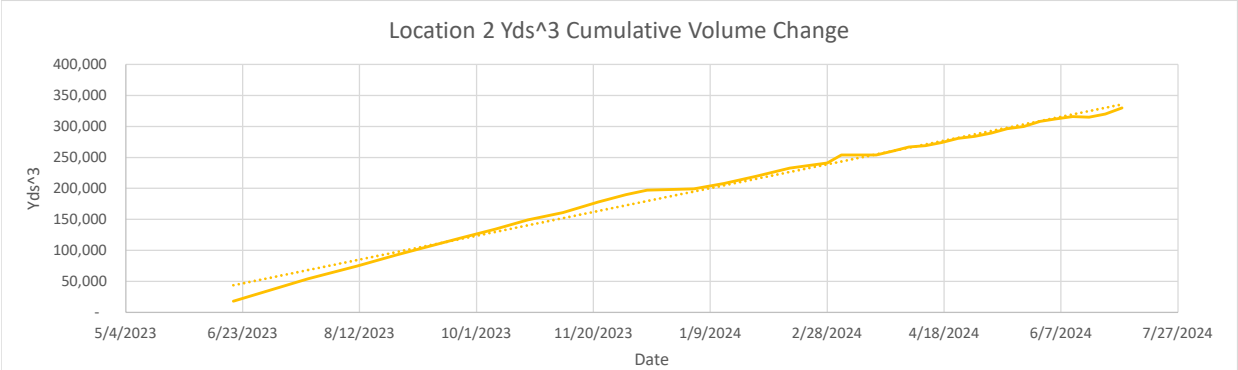
Settlement Data Notes

- The charts on the following page show the settlement in cubic yards measured at a fixed location.
- The map shows the settlement area growth between 6/19/24 (in green) and 7/3/24 (in red). These polygons show the areas that have settled more than 5 feet since 5/31/23; however, as the span of time between the start date of 5/31/23 and new survey dates increases, the accuracy of this map as an indicator of settlement attributed to the reaction will diminish.
- Waste fill occurred near the measurement areas in May 2023. Some of the early settlement is likely due to the initial waste settlement of a new fill.
- The major depression in the top deck was excluded because the soil fills used to prevent ponding would skew the settlement trends due to those areas showing up as fill instead of settlement.
- Measurements utilized a .5' deadzone (changes under .5' were not counted)
- On a monthly basis, SCS leads the collection and review of data to determine whether the boundaries of the Reaction Area, as defined in the Stipulated Order for Abatement with the South Coast Air Quality Management District (SCAQMD), have changed. The Reaction Committee of experts formed under the Stipulated Order then further reviews and submits these monthly determinations to SCAQMD. These determinations are also posted on Chiquita's website. As part of this monthly review, SCS considers the below factors in determining the estimated boundary of the reaction area. Expansion of the reaction boundary should be assessed based on consideration of all of these factors.
  - Landfill gas (LFG) wellhead temperatures in excess of approximately 160 degrees Fahrenheit.
  - Poor gas quality (defined as methane levels of less than 30 percent) in conjunction with methane-to-carbon dioxide (CH4:CO2) ratios less than 1.0.
  - The concentration of hydrogen (H2) in the LFG measured greater than 2 percent by volume.
  - Accelerated settlement of the landfill surface, defined as approximately 6 inches or greater within a 60-day period, and cracks in the landfill cover.
  - First-hand observations of the Chiquita Canyon Landfill (Landfill) and/or SCS engineering, construction, and operations and maintenance field personnel who are on-site related to: 1) atypical excess leachate quantities (presence and quantity of liquids); 2) instances of pressurized liquids emitting from the Landfill surface, from boreholes during drilling, and from LFG wells; and, 3) the characteristics of the odors originating from the select areas of the waste footprint (often described as "chemical-like" and distinctly different from typical LFG or landfill working face odors).
  - Observations of subsurface waste conditions and characteristics as noted on borehole drilling logs for recently installed new wells and/or TMPs.
  - Initial subsurface temperatures recorded at the in-situ waste TMPs that were commissioned in April 2024.


Location 1 Yds^3/Day
Yds^3/Day
2,500
2,000
1,500
1,000
500
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
Date


Location 1 Cumulative Volume Change
Yds^3
700,000
600,000
500,000
400,000
300,000
200,000
100,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
Date


Location 2 Yds^3/Day
Yds^3/Day
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
Date


Location 2 Yds^3 Cumulative Volume Change
Yds^3
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
Date

Location 1

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day	
5/31/2023	0	-	-	-	
6/19/2023	19	26,000	26,000	1,368	
7/21/2023	32	55,000	90,000	1,719	
8/11/2023	21	33,000	126,000	1,571	
8/28/2023	17	24,000	156,000	1,412	
9/25/2023	28	44,000	205,000	1,571	
10/9/2023	14	13,000	229,000	929	
10/23/2023	14	16,000	254,000	1,143	
11/7/2023	15	13,000	272,000	867	
11/22/2023	15	27,000	304,000	1,800	
12/4/2023	12	10,000	325,000	833	
12/13/2023	9	3,000	338,000	333	
1/2/2024	20	25,000	352,000	1,250	*Waste fill near reaction area
1/15/2024	13	17,000	367,000	1,308	
1/29/2024	14	21,000	377,000	1,500	*Waste fill near reaction area
2/12/2024	14	22,000	398,000	1,571	
2/28/2024	16	16,000	411,000	1,000	
3/5/2024	6	12,000	430,000	2,000	
3/20/2024	15	12,000	436,000	800	
3/27/2024	7	3,000	442,362	429	
4/3/2024	7	3,000	454,000	429	
4/10/2024	7	2,000	459,000	286	
4/17/2024	7	4,000	467,000	571	
4/24/2024	7	3,000	476,000	429	
5/1/2024	7	4,000	484,000	571	
5/8/2024	7	4,000	494,000	571	
5/15/2024	7	3,000	505,000	429	
5/22/2024	7	3,000	511,000	429	
5/29/2024	7	2,000	524,000	286	
6/5/2024	7	2,000	532,000	286	
6/12/2024	7	6,000	542,853	857	
6/19/2024	7	(2,000)	540,000	286	
6/26/2024	7	2,000	545,000	286	
7/3/2024	7	4,000	555,000	571	

Location 2

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day	
5/31/2023	0	-	-	-	
6/19/2023	19	18,000	18,000	947	
7/21/2023	32	34,000	54,000	1,063	
8/11/2023	21	20,000	75,000	952	
8/28/2023	17	15,000	93,000	882	
9/25/2023	28	26,000	121,000	929	
10/9/2023	14	8,000	134,000	571	
10/23/2023	14	10,000	149,000	714	
11/7/2023	15	7,000	161,000	467	
11/22/2023	15	13,000	178,000	867	
12/4/2023	12	5,000	190,000	417	
12/13/2023	9	1,000	197,000	111	
1/2/2024	20	16,000	199,000	800	*Waste fill near reaction area
1/15/2024	13	10,000	208,000	769	
1/29/2024	14	11,000	220,000	786	*Waste fill near reaction area
2/12/2024	14	12,000	233,000	857	
2/28/2024	16	9,000	241,000	563	
3/5/2024	6	8,000	254,000	1,333	
3/20/2024	15	6,000	254,000	400	
3/27/2024	7	2,000	260,000	286	
4/3/2024	7	1,000	267,000	143	
4/10/2024	7	1,000	269,000	143	
4/17/2024	7	1,000	274,000	143	
4/24/2024	7	2,000	281,000	286	
5/1/2024	7	2,000	284,000	286	
5/8/2024	7	2,000	289,000	286	
5/15/2024	7	1,000	296,000	143	
5/22/2024	7	1,000	300,000	143	
5/29/2024	7	1,000	308,000	143	
6/5/2024	7	1,000	312,000	143	
6/12/2024	7	3,000	316,000	429	
6/19/2024	7	(1,000)	315,000	143	
6/26/2024	7	1,000	320,000	143	
7/3/2024	7	2,000	330,000	286	

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

1 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	1 Jul 2024 7:28 AM PDT
Prepared by	Tom Roe

Identification of Issues	
Identified Issue	
Identified Issue 1	
Are there any issues with the geosynthetic cover?	Yes

Take photo of identified issues

Photo 1

Notate what the issue is and what needs to be repaired	Tear in cover from equipment driving over it while doing pipe work.

Take photo of repair

Photo 2

Description of repair work	Tear was patched.
Date and time of repair (within 2 hours)	1 Jul 2024 12:10 PM PDT

Are further permanent repairs required?	No
Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

2 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	2 Jul 2024 8:32 AM PDT
Prepared by	Tom Roe

Identification of Issues	
Identified Issue	
Identified Issue 1	
Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

3 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	3 Jul 2024 8:08 AM PDT
Prepared by	Tom Roe

Identification of Issues	
Identified Issue	
Identified Issue 1	
Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

5 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	5 Jul 2024 11:46 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

6 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	6 Jul 2024 10:16 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

Geo-Logic ASSOCIATES

July 9, 2024

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

JUNE 2024 FISSURE AND TENSION CRACK MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
CASTAIC, CALIFORNIA

Dear Mr. Cassulo:

This monthly summary report was prepared by Geo-Logic Associates, Inc. (GLA) to summarize the daily monitoring and tracking of fissures and tension cracks over the Chiquita Canyon Landfill (Landfill) for the period of June 1 through June 30, 2024. This summary was prepared in accordance with Chiquita Canyon, LLC's (Chiquita) April 16, 2024 Second Revised Written Plan ("Second Revised Written Plan") to document and track cover issues and is associated with Milestone 2B of the Local Enforcement Agency's (LEA) June 6, 2024 Compliance Order, formerly referred to as Mitigation Measure #2B. The conclusions in this summary are based on GLA's analysis of Chiquita's daily Reaction Area Tracking of Fissures and Tension Cracks data sheets that document and track cover issues, and Chiquita's drone aerial surveys. The fissure and tension cracks that are identified in the data sheets are located by latitude and longitude coordinates within the monitoring grids shown in Figure 1.

June Observations

Table 1 summarizes all fissures and tension cracks recorded on these data sheets during the month of June. As shown in this table, there was no evidence of instability in the areas that were monitored. Table 2 summarizes the daily data collected from observations performed in geomembrane-covered areas in June. As indicated in this table, no evidence of instability was observed in the geomembrane-covered areas. Two potentially significant fissures or tension cracks were observed in June within the grids shown in Figure 1:[1]

[1] Pursuant to the Second Revised Written Plan, a "significant" fissure or tension crack is one that (1) is 100 feet or longer in length; (2) has a horizontal offset of 0.5 inches or more when the fissure/crack is at least 50 feet in length; or (3) has a vertical offset of 0.5 inches or more when the fissure/crack is at least 50 feet in length or there are multiple fissures/cracks oriented in the same direction.

- An approximately 60-foot-long crack was observed within Grid 180 on June 3, 2024. The horizontal offset was "small," which means it was between 0.5-inches and 2-inches in width. However, the crack was not observed or noted during subsequent monitoring rounds, and no evidence of slope instability was noted on the field monitoring data sheet. It is also noted that the orientation of the crack was identified as east-to-west, which is close to perpendicular to the closest adjacent slope and indicates it was likely associated with settlement and not with slope instability (cracking above or within a slide or area of instability is usually oriented sub-parallel to parallel to a slope).
- An approximately 55-foot-long crack was observed within Grid 152 on June 24, 2024. The horizontal offset was similarly identified as "small." This crack was not noted during subsequent monitoring rounds, and no evidence of slope instability was noted on the field monitoring data sheet. Grid 152 is near the center of the landfill's top deck, and there are no adjacent slopes. The orientation of this crack was northwest-to-southeast, which is oblique to the closest adjacent slope. This information indicates the crack is associated with settlement and is not related to slope instability.

Although not significant, a crack with more than 4 inches of horizontal offset (defined as "large") and 0.5 to 2 inches of vertical offset (defined as "small") was observed within an approximately 15 foot x 35 foot area of multiple cracks in Grid 151 on June 19, 2024. The crack was fixed by filling with soil and track-walking, and it was not observed during subsequent June monitoring rounds. Single linear cracks with extra small (less than 0.5-inches) and small (0.5-in to 2-inches) horizontal offsets and extra small (0.5-inches) vertical offsets were observed on June 21 and June 26, 2024, respectively. However, no cracking was observed in this grid on June 20, 22, 24, 25, 27, 28, or 29, 2024. The grid location on the top deck of the landfill and the northwesterly orientation of the cracks, which are oblique to the closest adjacent slope, indicate the cracks are associated with settlement and do not provide evidence of instability.

Cross Sections

For the month of June, cross sections through the western slope are shown in Figures 2A through 2E (the locations of the cross sections and the locations of grids with significant cracks observed in June are shown in Figure 1). These cross sections show no evidence of deformation indicative of instability in June, which is consistent with the daily site observations described above and the information summarized in Tables 1 and 2.

Previous Monitoring and Trends

The previous monthly summary report for the month of May, submitted on June 11, 2024, described one potentially significant tension crack in Grid 183, which was identified on May

23, 2024, that was approximately 65 feet long with 0.5 to 2 inches of horizontal offset. This crack was fixed by track-walking, and no significant or potentially significant tracks were observed in this grid during subsequent monitoring in May or June. There was no evidence of instability associated with this (or any) grid identified in June.

The May monthly report also indicated that potentially significant cracking may have been present in Grid 151 on May 20 and May 28, 2024 based on 0.5 to 2 inches of vertical offset associated with areas of cracking within the grid. As noted above, a crack with more than 4 inches of horizontal offset and 0.5 to 2 inches of vertical offset was observed within an approximately 15 foot x 35 foot area of multiple cracks in this grid on June 19, 2024. No evidence of this crack was observed during subsequent June monitoring rounds. The grid location on the top deck of the landfill and the northwesterly orientation of the cracks are indicative of settlement and do not provide evidence of instability.

Most of the fissures and tension cracks that were identified between April and June 2024 were identified in grids located on the top deck of the landfill. Based on the Chiquita monitoring logs and on GLA observations during multiple sites visits, the cracking in these grids is associated with settlement and does not provide evidence of slope instability.

Please let me know if you have any questions regarding the information in this report.

Very truly yours,
Geo-Logic Associates, Inc.

Richard A. Mitchell, PG, CEG
Principal Engineering Geologist

Table 1
SUMMARY OF JUNE 2024 FISSURE AND TENSION CRACK OBSERVATIONS
Chiquita Canyon Landfill

DATE	GRID(S)		LOCATION	TYPE	LENGTH (ft)	AREA (ft x ft)	HORIZONTAL OFFSET	VERTICAL OFFSET	ORIENTATION	LATITUDE	LONGITUDE	REPAIRED	INDICATIONS OF SLOPE STABILITY CONCERNS
6/1/2024	177		Top Deck	Linear	10		Extra Small	Extra Small	EW	34.435512	-118.649274	Yes	No
6/1/2024	152		Top Deck	Area		10 x 15	Small	Extra Small	NS	34.435607	-118.647168	Yes	
6/3/2024	152		Top Deck	Area		35 x 45	Small	Extra Small	NS	34.435599	-118.647254	Yes	No
6/3/2024	151		Top Deck	Area		25 x 25	Small	Extra Small	NS	34.435809	-118.647334	Yes	
6/3/2024	178		Top Deck	Linear	10		Small	Extra Small	NW	34.435744	-118.648979	Yes	
6/3/2024	180		West Slope-Crest	Area		12 x 15	Medium	Small	EW	34.435276	-118.649775	Yes	
6/3/2024	180		West Slope-Crest	Linear	60		Small	Extra Small	EW	34.435480	-118.649971	Yes	
6/4/2024	152		Top Deck	Linear	30		Small	Extra Small	NS	34.436185	-118.634016	Yes	No
6/4/2024	152		Top Deck	Area		10x50	Small	Extra Small	EW	34.435574	-118.647563	Yes	
6/4/2024	157		Top Deck	Linear	6		Small	Extra Small	NE	34.434921	-118.648446	Yes	
6/4/2024	176		West Slope-Crest	Area		60x12	Small	Extra Small	EW	34.435488	-118.649295	Yes	
6/5/2024	157		Top Deck	Area		4x20	Extra Small	Extra Small	NW	34.435068	-118.648492	Yes	No
6/4/2024	152		Top Deck	Linear	4		Extra Small	Extra Small	NS	34.433565	-118.647380	Yes	No
6/4/2024	152		Top Deck	Area		20x10	Extra Small	Extra Small	EW	34.435667	-118.647635	Yes	
6/4/2024	150		Top Deck	Linear	12		Extra Small	Extra Small	EW	34.435619	-118.648434	Yes	
6/7/2024	170		West Slope-Crest	Linear	7		Small	Extra Small	NS	34.434081	-118.649489	Yes	No
6/7/2024	172		Top Deck	Linear	6		Extra Small	Extra Small	NS	34.435379	-118.649110	Yes	
6/7/2024	176		West Slope-Crest	Linear	7		Small	Extra Small	EW	34.435270	-118.649904	Yes	
6/8/2024	156		Top Deck	Linear	10		Extra Small	Extra Small	EW	34.435615	-118.647993	Yes	No
6/10/2024	152		Top Deck	Area		30x50	Small	Extra Small	NS	34.535567	-118.647348	Yes	No
6/11/2024	152		Top Deck	Area		35x30	Small	Extra Small	NE	34.435650	-118.647465	Yes	No
6/12/2024	177		Top Deck	Area		17x35	Small	Extra Small	EW	34.435484	-118.649143	Yes	No
6/13/2024	146		Top Deck	Linear	10		Extra Small	Extra Small	NW	34.436037	-118.647161	Yes	No
6/13/2024	151		Top Deck	Area		20x20	Extra Small	Extra Small	NS	34.435777	-118.647254	Yes	
6/14/2024	152		Top Deck	Linear	5		Small	Extra Small	NS	34.433557	-118.647223	Yes	No
6/14/2024	157		Top Deck	Linear	6		Extra Small	Extra Small	EW	34.435010	-118.648277	Yes	
6/15/2024			No Cracks Found										No
6/17/2024	152		Top Deck	Area		45x55	Small	Extra Small	NW	34.435442	-118.647329	Yes	No
6/17/2024	157		Top Deck	Area		20x5	Small	Extra Small	EW	34.435190	-118.648096	Yes	
6/18/2024	151		Top Deck	Linear	30		Small	Small	NS	34.435809	-118.647157	Yes	No

Table 1
SUMMARY OF JUNE 2024 FISSURE AND TENSION CRACK OBSERVATIONS
Chiquita Canyon Landfill

DATE	GRID(S)			LOCATION	TYPE	LENGTH (ft)	AREA (ft x ft)	HORIZONTAL OFFSET	VERTICAL OFFSET	ORIENTATION	LATITUDE	LONGITUDE	REPAIRED	INDICATIONS OF SLOPE STABILITY CONCERNS
6/19/2024	151			Top Deck	Area		35x15	Large	Small	NW	34.436249	-118.647483	Yes	No
6/20/2024				No Cracks Found										No
6/21/2024	147			Top Deck	Linear	25		Small	Extra Small	NS	34.435512	-118.646800	Yes	No
6/21/2024	151			Top Deck	Linear	12		Extra Small	Extra Small	EW	34.435631	-118.647818	Yes	
6/22/2024				No Cracks Found										No
6/24/2024	152			Top Deck	Linear	55		Small	Extra Small	NW	34.433552	-118.647294	Yes	No
6/25/2024				No Cracks Found										No
6/26/2024	151			Top Deck	Linear	25		Smal	Extra Small	NW	34.435739	-118.647150	Yes	No
6/27/2024				No Cracks Found										No
6/28/2024				No Cracks Found										No
6/29/2024				No Cracks Found										No

HORIZONTAL CRACK DEFINITIONS

Extra Small <0.5-in Width
Small 0.5-in to 2-in Width
Medium 2-in to 4-in Width
Large >4-in Width

VERTICAL CRACK DEFINITIONS

Extra Small <0.5-in Height
Small 0.5-in to 2-in Height

Table 2
SUMMARY OF JUNE 2024 GEOMEMBRANE COVER OBSERVATIONS
Chiquita Canyon Landfill

DATE	ISSUES OR CONCERNS			
	Issue Identified	Evidence of Underlying Deformation	Tension Cracks at Top of Slope or Bulging at Toe of Slope	Vetical Deformation of Infrastructure Such as Wells or Probes
6/1/2024	No	No	No	No
6/3/2024	No	No	No	No
6/4/2024	No	No	No	No
6/5/2024	No	No	No	No
6/6/2024	No	No	No	No
6/7/2024	No	No	No	No
6/8/2024	No	No	No	No
6/10/2024	No	No	No	No
6/11/2024	No	No	No	No
6/12/2024	No	No	No	No
6/14/2024	No	No	No	No
6/15/2024	No	No	No	No
6/16/2024	No	No	No	No
6/17/2024	No	No	No	No
6/18/2024	No	No	No	No
6/19/2024	No	No	No	No
6/20/2024	Yes[1]	No	No	No
6/21/2024	No	No	No	No
6/22/2024	No	No	No	No
6/23/2024	No	No	No	No
6/24/2024	No	No	No	No
6/25/2024	No	No	No	No
6/26/2024	No	No	No	No
6/27/2024	No	No	No	No
6/28/2024	No	No	No	No
6/29/2024	No	No	No	No

[1] 1-ft section of geomembrane torn by small excavator. Tear was patched.

POTENTIALLY SIGNIFICANT E-W CRACK OBSERVED ON JUNE 3, 2024

Crack is shown for illustration purposes (not to scale and at approximate location)

POTENTIALLY SIGNIFICANT NW-SE CRACK OBSERVED ON JUNE 24, 2024

Crack is shown for illustration purposes (not to scale and at approximate location)

WS-A WS-B WS-C WS-D WS-E

Cell 2 Phase 2A May 1997 10.68 acres

Cell 2 Phase 3 Feb 2004 18 acres

Cell 4 Jun 2008 18 acres

Cell 5 Phase 1 Jun 2005 22.47 acres

Mar 1992 37 acres

Summer 20 0.20 acres

Feb 1989 0.64 acres

A-D Ridge

GP-11 GP-4 DW-2

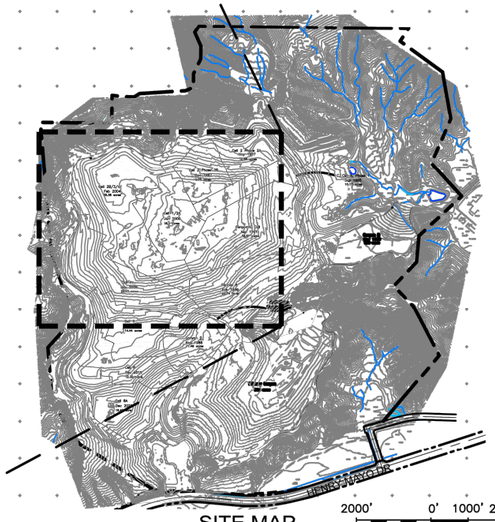
NORTH

300' 0' 150' 300' 600'

SCALE: 1" = 300'

LEGEND:

- PROPERTY LINE
- DAYLIGHT/CONTACT LINE
- (100) EXISTING GROUND SURFACE CONTOUR ELEVATION, FEET
- 100 EXISTING SUBGRADE
- CV-2301 LFG WELLS USED FOR ANALYSIS
- CV-2301 LFG GAS WELLS PLANNED OR INSTALLED FOR THE REACTION AREA (LOGS NOT AVAILABLE FOR USE IN ANALYSIS)
- CV-2301 EXISTING LFG WELLS (OLDER WELLS WITH LOGS THAT ARE NOT CONSISTENT WITH REACTION AREA BORING LOGS)
- CROSS SECTION
  WS= WESTERN SLOPE EVALUATION CROSS SECTION LOCATION
  NS= NORTHERN SLOPE EVALUATION CROSS SECTION LOCATION



SITE MAP

2000' 0' 1000' 2000'

SCALE: 1" = 2000'

This drawing has not been published but rather has been prepared by Geo-Logic Associates, Inc. for use by the client named in the title block, solely in respect of the construction operation, and maintenance of the facility named in the title block. Geo-Logic Associates, Inc. shall not be liable for the use of this drawing on any other facility or for any other purpose.

ISSUED FOR REVIEW

REFERENCE AERIAL TOPO BASED ON JANUARY 16, 2024 AERIAL SURVEY BY TETRATECH WITH MONTHLY UPDATES ON MAY 29, 2024

REV. NO.	DATE	DESCRIPTION	APPROVED BY

DATE OF ISSUE: JUNE 2024
DESIGNED BY: R MITCHELL
CAD DESIGN BY: L PADILLA
CHECKED BY: R MITCHELL
APPROVED BY: R MITCHELL

DIGALERT 811

Geo-Logic ASSOCIATES
2777 EAST GUASTI ROAD
SUITE 1
ONTARIO, CA 91761
(909) 626-2282
www.geo-logic.com

CHIQUITA CANYON
A Waste Connections Company
29201 HENRY MAYO DRIVE
CASTAIC, CA 91384

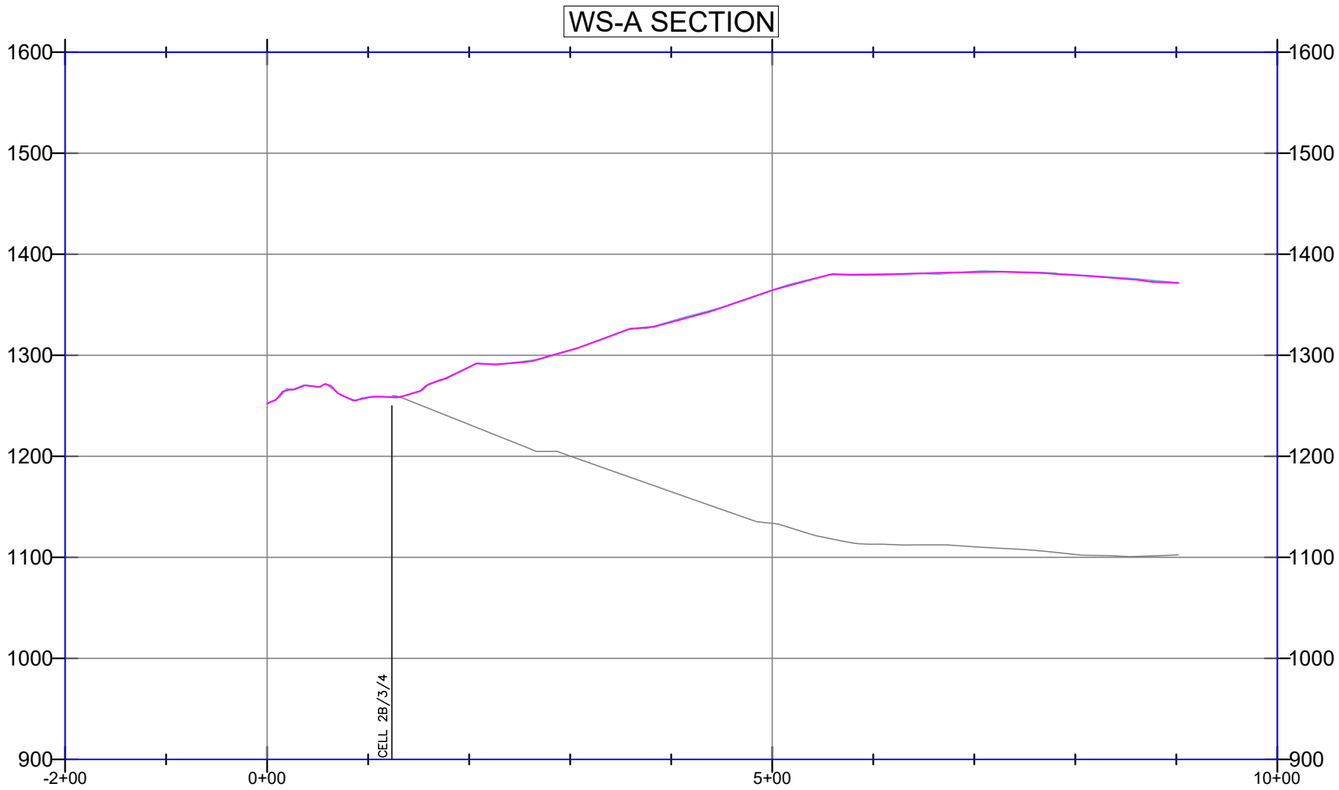
CHIQUITA CANYON LANDFILL
LOCATIONS OF LFG WELLS AND CROSS SECTIONS
GRADING PLAN

DWG NO. 01

PROJECT NO. RM22.1077

P:\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\DWG SETS\RM22.1077-COL-WELLS-04-WELLS-(2024-06-10).DWG June 10, 2024 - 5:07 PM BY: GJA-USER

\\192.168.1.19\CAD\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-06-28).DWG July 8, 2024 - 6:13 PM BY: RICHARD MITCHELL

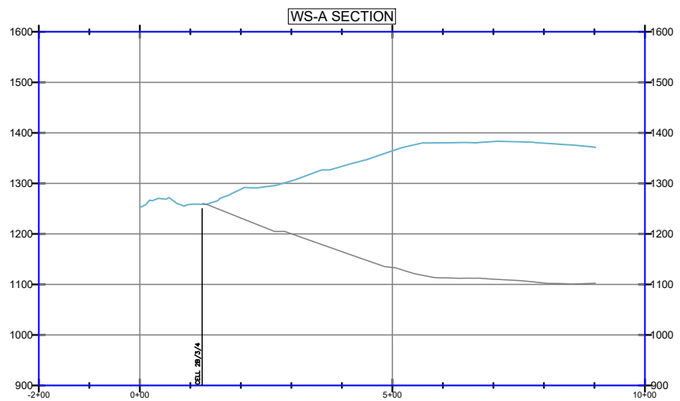


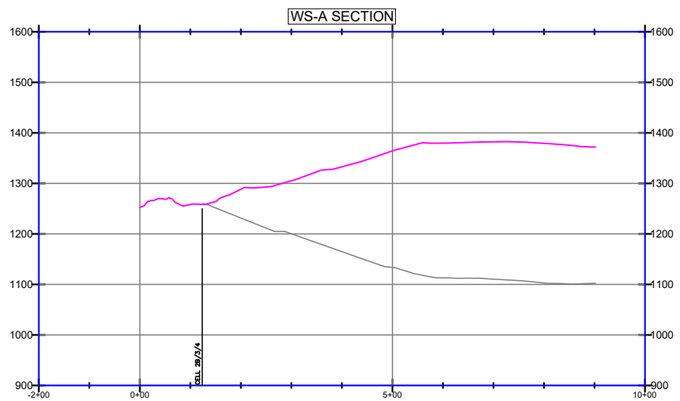
LEGEND:

- SUBGRADE
- TOPO 2024-05-29
- TOPO 2024-06-26

150' 0' 75' 150'

SCALE: 1" = 150'





300' 0' 150' 300'

SCALE: 1" = 300'

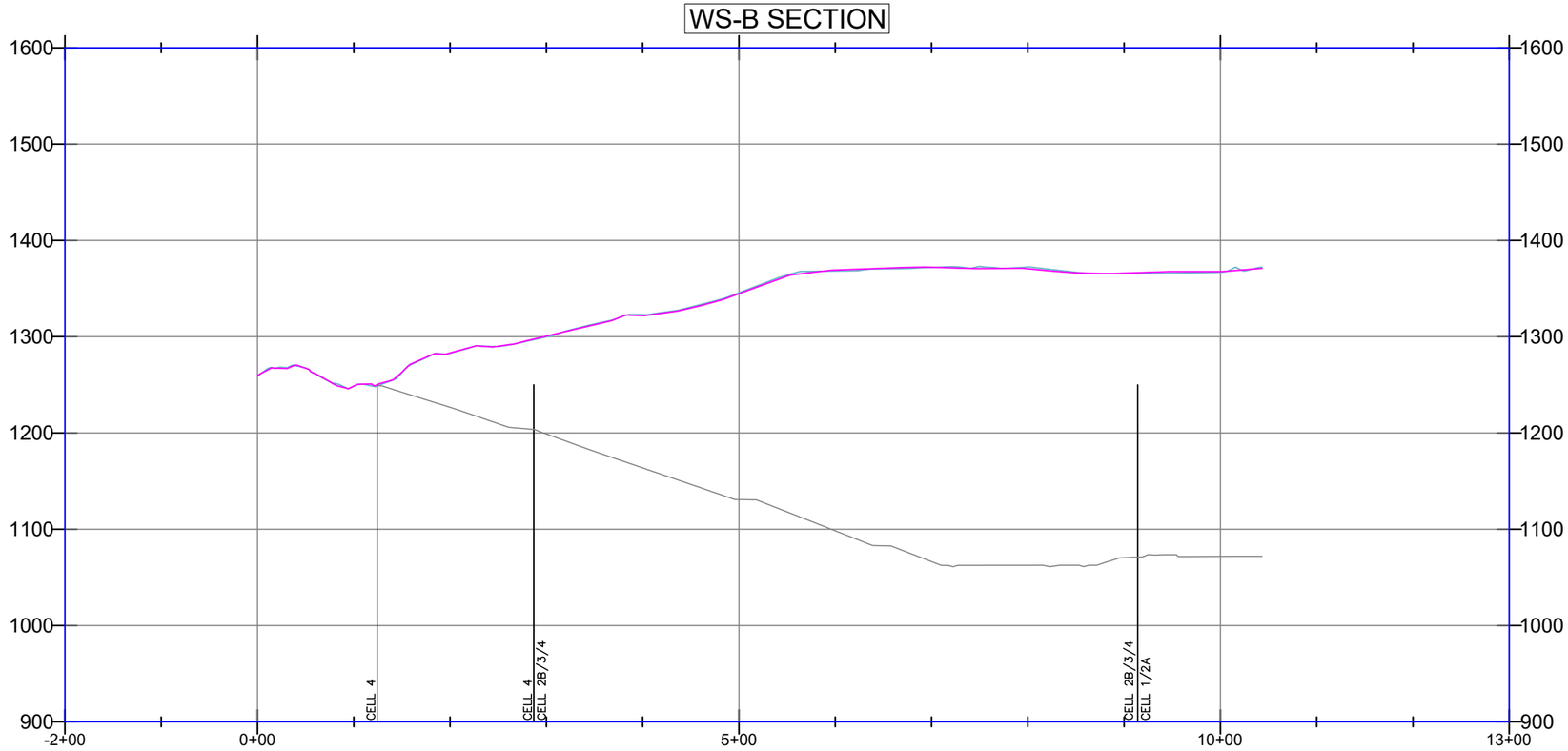
FIGURE 2A

WESTERN SLOPE CROSS SECTION A

JUNE 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JUNE 2024	JOB NO.: RM22.1077

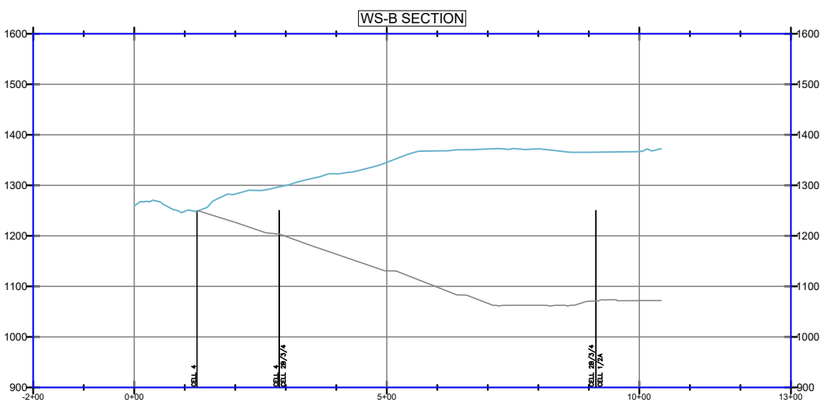


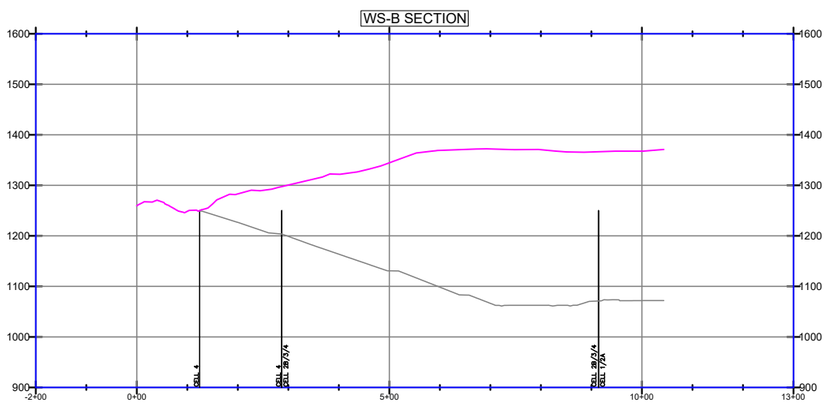
LEGEND:

- SUBGRADE
- TOPO 2024-05-29
- TOPO 2024-06-26

150’ 0’ 75’ 150’

SCALE: 1” = 150’





300’ 0’ 150’ 300’

SCALE: 1” = 300’

FIGURE 2B

WESTERN SLOPE CROSS SECTION B

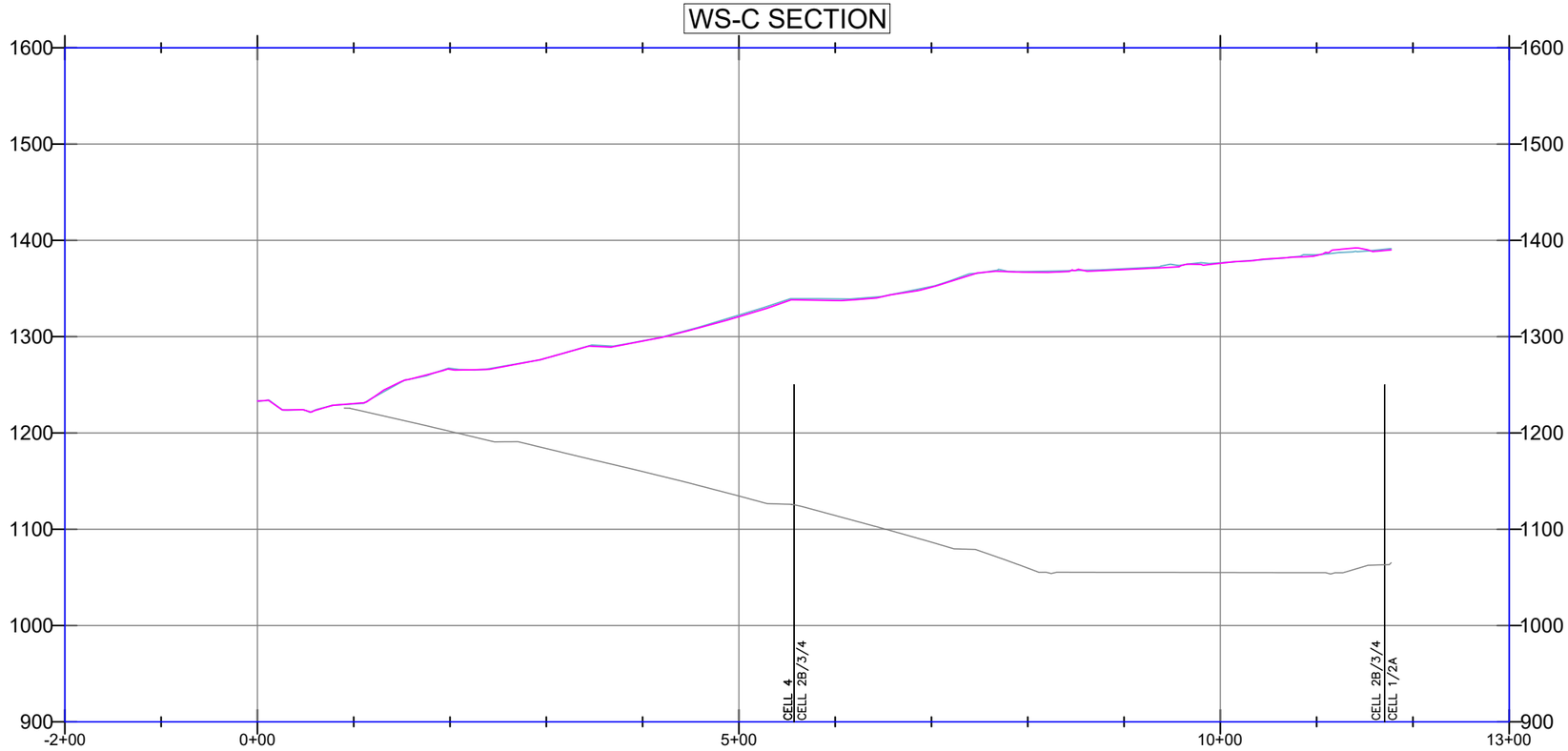
JUNE 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JUNE 2024	JOB NO.: RM22.1077

\\192.168.1.19\CAD\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-06-28).DWG July 8, 2024 - 6:14 PM BY: RICHARD MITCHELL

\\192.168.1.19\CAD\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-06-28).DWG July 8, 2024 - 6:14 PM BY: RICHARD MITCHELL

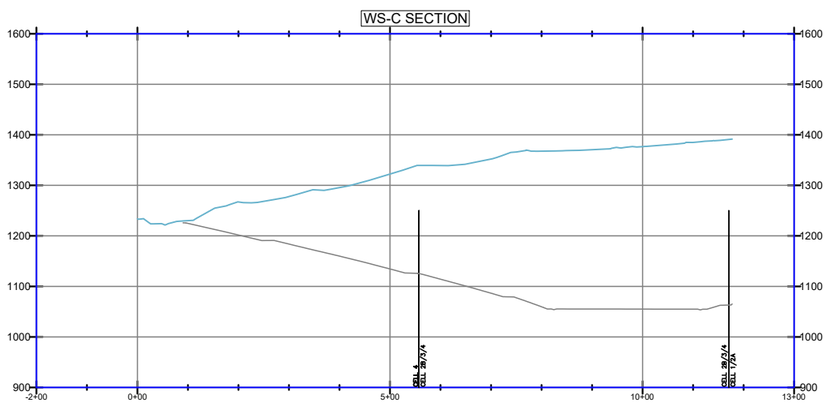


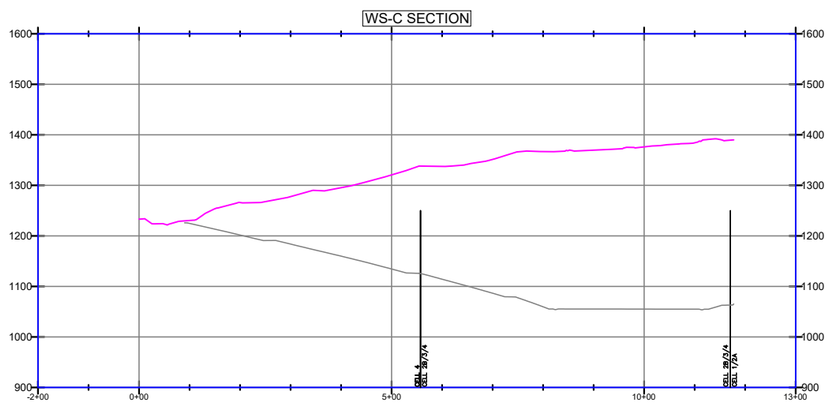
LEGEND:

- SUBGRADE
- TOPO 2024-05-29
- TOPO 2024-06-26

150' 0' 75' 150'

SCALE: 1" = 150'





300' 0' 150' 300'

SCALE: 1" = 300'

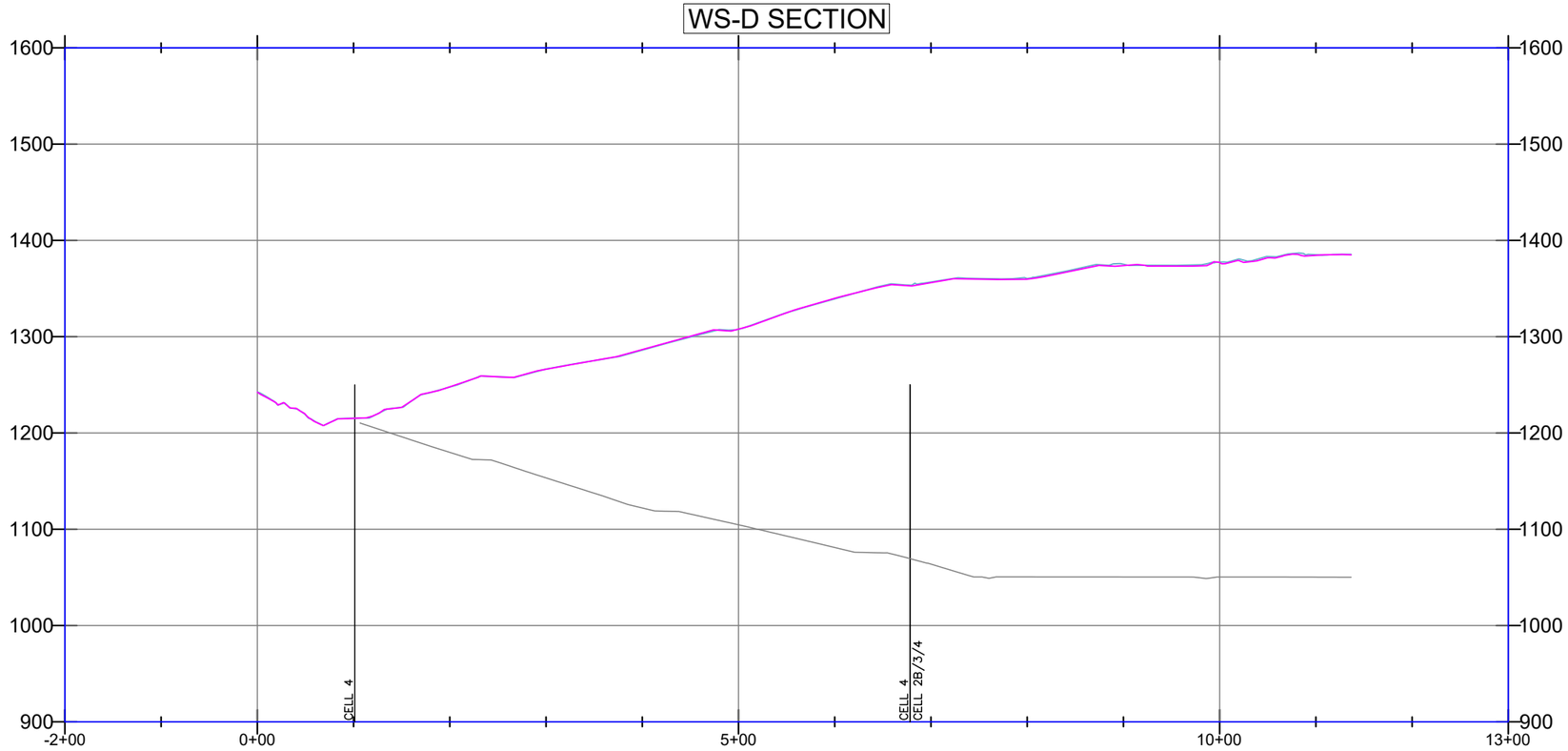
FIGURE 2C

WESTERN SLOPE CROSS SECTION C

JUNE 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JUNE 2024	JOB NO.: RM22.1077

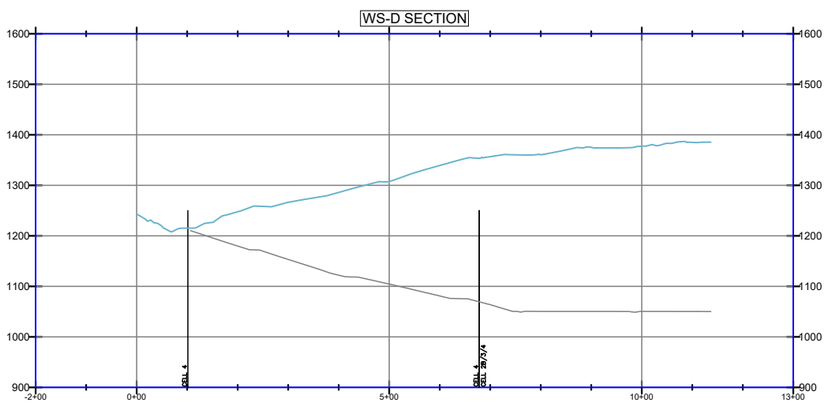


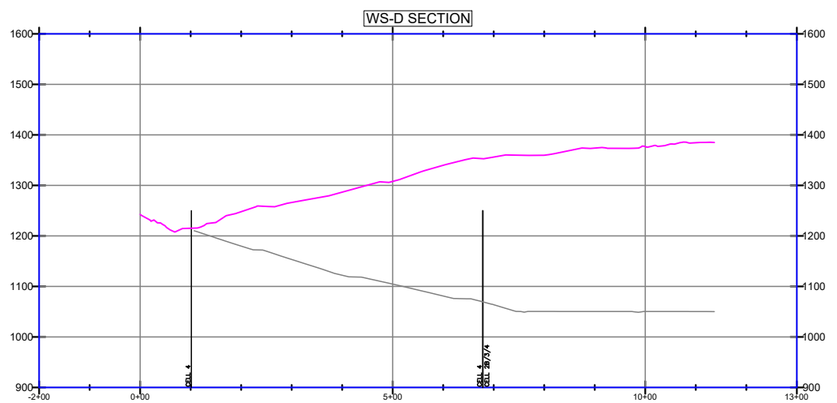
LEGEND:

- SUBGRADE
- TOPO 2024-05-29
- TOPO 2024-06-26

150’ 0’ 75’ 150’

SCALE: 1” = 150’





300’ 0’ 150’ 300’

SCALE: 1” = 300’

FIGURE 2D

WESTERN SLOPE CROSS SECTION D

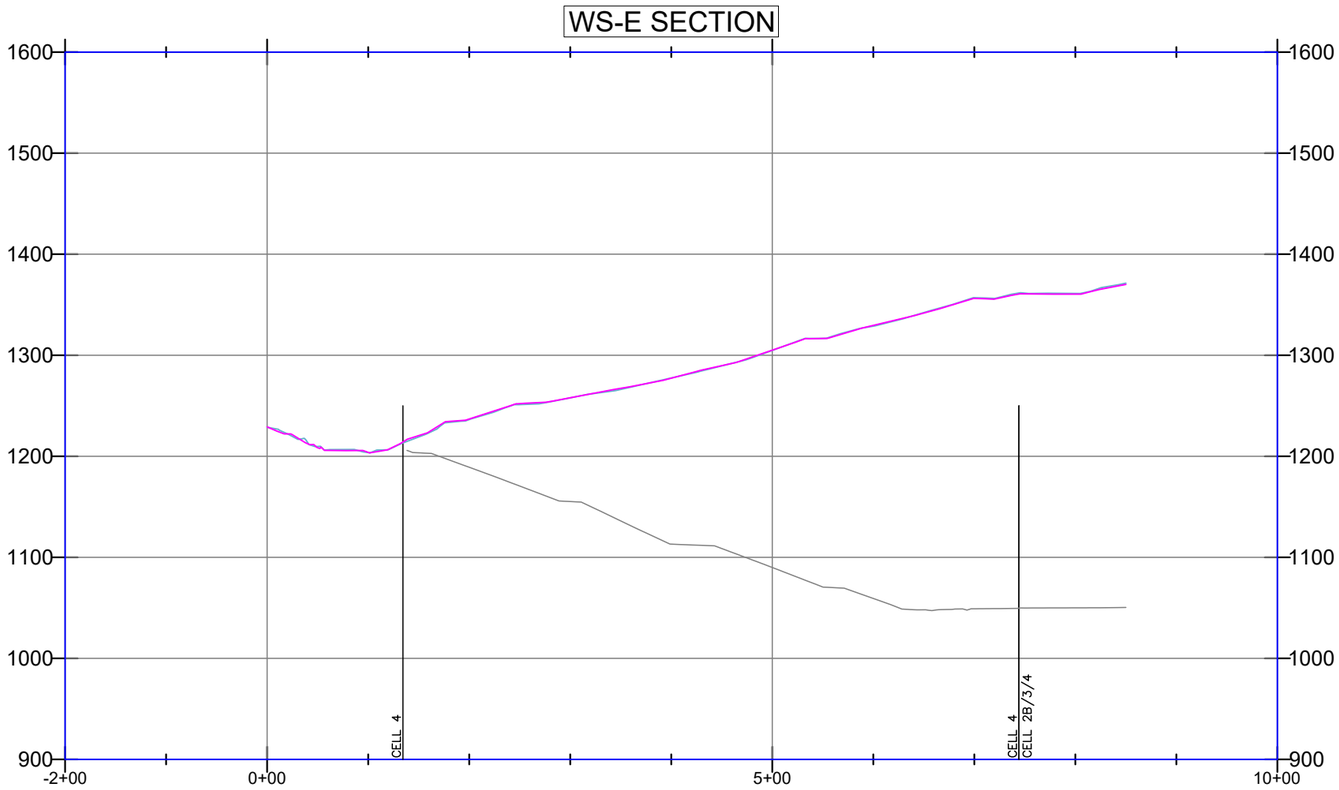
JUNE 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JUNE 2024	JOB NO.: RM22.1077

\\192.168.1.19\CAD\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-06-28).DWG July 8, 2024 - 6:15 PM BY: RICHARD MITCHELL

\\192.168.1.19\CAD\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-06-28).DWG July 8, 2024 - 6:16 PM BY: RICHARD MITCHELL

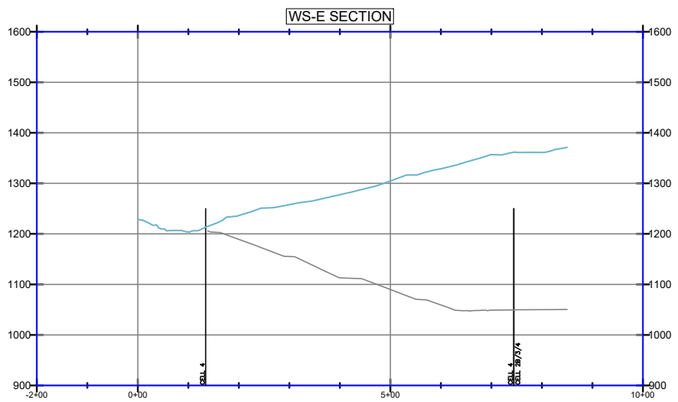


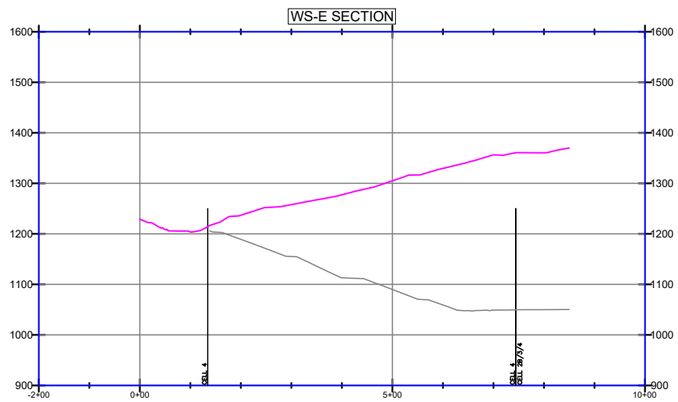
LEGEND:

- SUBGRADE
- TOPO 2024-05-29
- TOPO 2024-06-26

150' 0' 75' 150'

SCALE: 1" = 150'





300' 0' 150' 300'

SCALE: 1" = 300'

FIGURE 2E

WESTERN SLOPE CROSS SECTION E

JUNE 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JUNE 2024	JOB NO.: RM22.1077

CHIQUITA CANYON
A Waste Connections Company

July 16, 2024

Via E-Mail
Karen Gork
Chief Environmental Health Specialist
Los Angeles County Department of Public Health
Local Enforcement Agency
Environmental Programs Division
5050 Commerce Drive,
Baldwin Park, California 91706
KGork@ph.lacounty.gov

Re: Chiquita Canyon, LLC's Weekly Report on the Documentation and Tracking of Cover Issues

Dear Ms. Gork:

In accordance with the Local Enforcement Agency's ("LEA") May 2, 2024 letter approving Chiquita's April 16, 2024 Second Revised Written Plan for Documenting and Tracking Cover Issues ("Second Revised Written Plan"), the LEA's May 29, 2024 letter, and the LEA's June 6, 2024 Compliance Order, Chiquita presents the enclosed report for documenting and tracking cover issues for the week of July 8, 2024 to July 13, 2024. Please contact me in the event you have any questions regarding this matter.

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: July 8, 2024 Weekly Cover Issues Report and Monthly Summary
cc: Mark Como, Department of Public Health
Eric Morofuji, Department of Public Health

Fissures and Tension Cracks

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

8 Jul 2024 / John Boucher

Complete

Conducted on	8 Jul 2024 9:46 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Photos taken from grid 152 looking southwest to northwest

Photo 1

Photo 2

Photo 3

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

9 Jul 2024 / Tom Roe

Complete

Conducted on	9 Jul 2024 9:50 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 151/152

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

10 Jul 2024 / John Boucher

Complete

Conducted on	10 Jul 2024 9:41 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Photos taken from grid 152 looking North to South West

Photo 1

Photo 2

Photo 3

Photo 4

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

11 Jul 2024 / John Boucher

Complete

Conducted on	11 Jul 2024 9:46 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks	
Chiquita Reaction Area Tracking of Fissures and Tension Cracks	
Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1	
Fissure or Tension Crack Found?	Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.

Grid Location	146

Using the Media link below, attach the before photo of the fissure of tension crack. 11 Jul 2024 9:47 AM PDT

Photo 1

Photo 2

Photo 3

Photo 4

Length of crack (ft) or area containing multiple cracks (ft x ft)	20ft x 20ft area
Horizontal Offset (width)	Medium 2-4" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NW to SE
Location	(34.4359617, -118.6470581)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 5

Photo 6

Photo 7

Photo 8

Date and time of repairs	11 Jul 2024 11:33 AM PDT
Description of repairs	Other (please describe)

Dirt added to area

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

12 Jul 2024 / John Boucher

Complete

Conducted on	12 Jul 2024 11:19 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 147 looking southwest to North West

Photo 1

Photo 2

Photo 3

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

13 Jul 2024 / James Cardinel

Complete

Conducted on	13 Jul 2024 7:13 AM PDT
Prepared by	James Cardinel

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Pictures from grid 168 looking various directions.

Photo 1

Photo 2

Photo 3

Instability

Are there any indications of slope stability concerns?	No

Settlement

The bi-weekly drone flyover was not conducted this week. The drone data from the next flyover event will be included in the next weekly report.

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

8 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	8 Jul 2024 9:02 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

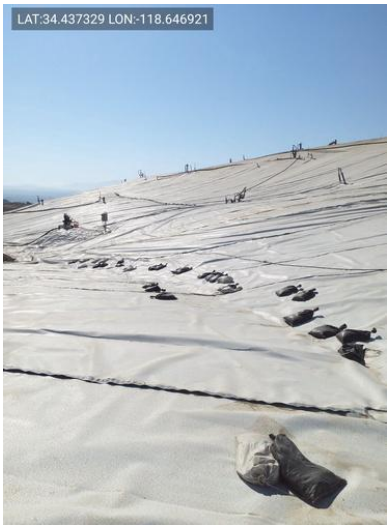


Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

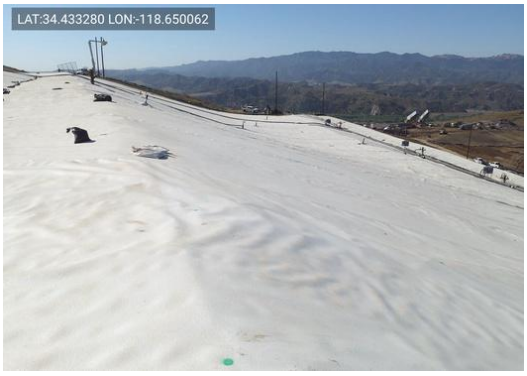


Photo 7

Photo 8

Photo 9

Photo 10

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

9 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	9 Jul 2024 8:45 AM PDT
Prepared by	Tom Roe

Identification of Issues	
Identified Issue	
Identified Issue 1	
Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

10 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	10 Jul 2024 9:45 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

11 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	11 Jul 2024 10:34 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

12 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	12 Jul 2024 10:04 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

13 Jul 2024 / James Cardinel

Complete

Flagged items	0
Conducted on	13 Jul 2024 6:26 AM PDT
Prepared by	James Cardinel

Identification of Issues	
Identified Issue	
Identified Issue 1	
Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

CHIQUITA CANYON
A Waste Connections Company

July 23, 2024

Via E-Mail
Karen Gork
Chief Environmental Health Specialist
Los Angeles County Department of Public Health
Local Enforcement Agency
Environmental Programs Division
5050 Commerce Drive,
Baldwin Park, California 91706
KGork@ph.lacounty.gov

Re: Chiquita Canyon, LLC's Weekly Report on the Documentation and Tracking of Cover Issues

Dear Ms. Gork:

In accordance with the Local Enforcement Agency's ("LEA") May 2, 2024 letter approving Chiquita's April 16, 2024 Second Revised Written Plan for Documenting and Tracking Cover Issues ("Second Revised Written Plan"), the LEA's May 29, 2024 letter, and the LEA's June 6, 2024 Compliance Order, Chiquita presents the enclosed report for documenting and tracking cover issues for the week of July 15, 2024 to July 20, 2024. Please contact me in the event you have any questions regarding this matter.

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: July 15, 2024 Weekly Cover Issues Report and Monthly Summary
cc: Mark Como, Department of Public Health
Eric Morofuji, Department of Public Health

Fissures and Tension Cracks

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

15 Jul 2024 / Tom Roe

Complete

Conducted on	15 Jul 2024 10:07 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 152 looking northwest

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

16 Jul 2024 / Tom Roe

Complete

Conducted on	16 Jul 2024 11:52 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 147

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

17 Jul 2024 / Tom Roe

Complete

Conducted on	17 Jul 2024 9:18 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks	
Chiquita Reaction Area Tracking of Fissures and Tension Cracks	
Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1	
Fissure or Tension Crack Found?	No

Grid 151/152

Photo 1

Instability	
Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

18 Jul 2024 / John Boucher

Complete

Conducted on	18 Jul 2024 11:17 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 152 looking North to West

Photo 1

Photo 2

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

19 Jul 2024 / John Boucher

Complete

Conducted on	19 Jul 2024 11:54 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 146 looking southwest east to north

Photo 1

Photo 2

Photo 3

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

20 Jul 2024 / John Boucher

Complete

Conducted on	20 Jul 2024 8:10 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 147 facing south to southeast

Photo 1

Photo 2

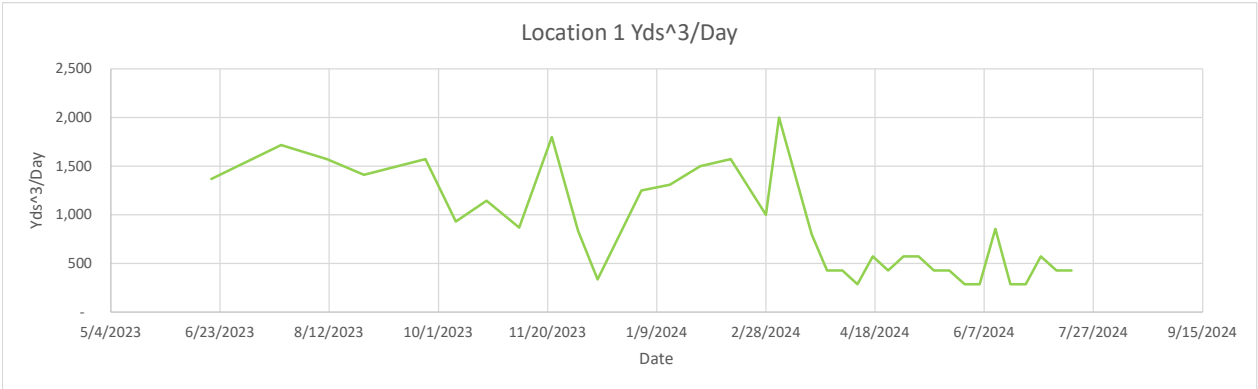
Instability

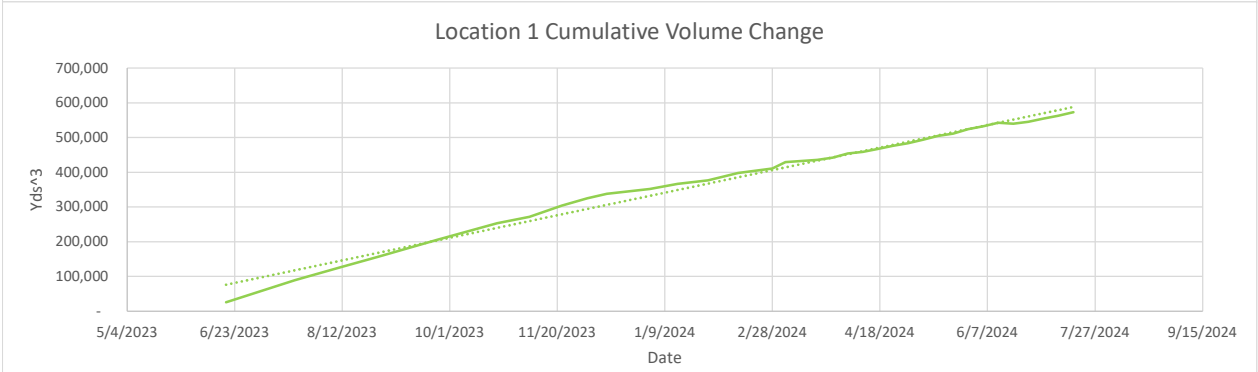
Are there any indications of slope stability concerns?	No

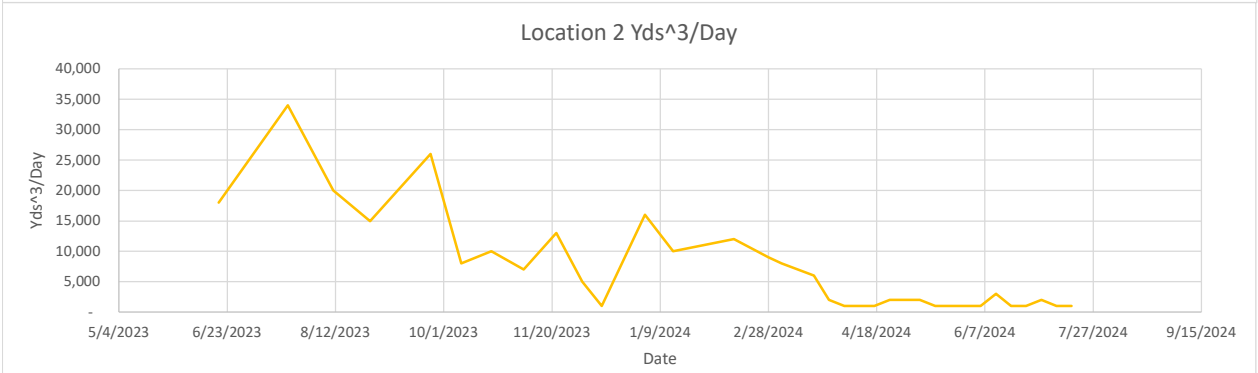
Settlement

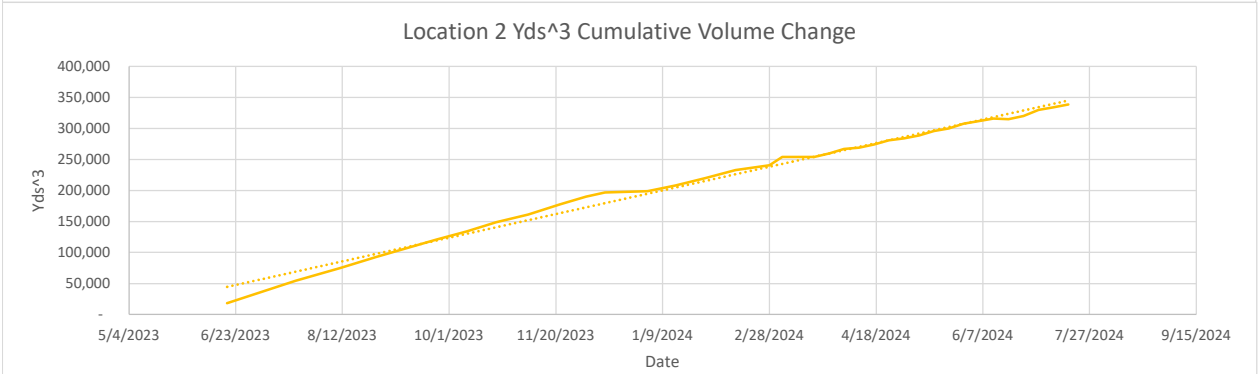
Settlement Data Notes

- The charts on the following page show the settlement in cubic yards measured at a fixed location. Accumulated settlement in both location 1 and location 2 decreased during the 7/10/24 flyover. CCL attributes this to grading and sump creation on top of the landfill in preparation for capping on the top deck.
- The map shows the settlement area growth between 7/3/24 (in green) and 7/17/24 (in red). These polygons show the areas that have settled more than 5 feet since 5/31/23; however, as the span of time between the start date of 5/31/23 and new survey dates increases, the accuracy of this map as an indicator of settlement attributed to the reaction will diminish.
- Waste fill occurred near the measurement areas in May 2023. Some of the early settlement is likely due to the initial waste settlement of a new fill.
- The major depression in the top deck was excluded because the soil fills used to prevent ponding would skew the settlement trends due to those areas showing up as fill instead of settlement.
- Measurements utilized a .5' deadzone (changes under .5' were not counted)
- On a monthly basis, SCS leads the collection and review of data to determine whether the boundaries of the Reaction Area, as defined in the Stipulated Order for Abatement with the South Coast Air Quality Management District (SCAQMD), have changed. The Reaction Committee of experts formed under the Stipulated Order then further reviews and submits these monthly determinations to SCAQMD. These determinations are also posted on Chiquita's website. As part of this monthly review, SCS considers the below factors in determining the estimated boundary of the reaction area. Expansion of the reaction boundary should be assessed based on consideration of all of these factors.
    - Landfill gas (LFG) wellhead temperatures in excess of approximately 160 degrees Fahrenheit.
    - Poor gas quality (defined as methane levels of less than 30 percent) in conjunction with methane-to-carbon dioxide (CH4:CO2) ratios less than 1.0.
    - The concentration of hydrogen (H2) in the LFG measured greater than 2 percent by volume.
    - Accelerated settlement of the landfill surface, defined as approximately 6 inches or greater within a 60-day period, and cracks in the landfill cover.
    - First-hand observations of the Chiquita Canyon Landfill (Landfill) and/or SCS engineering, construction, and operations and maintenance field personnel who are on-site related to: 1) atypical excess leachate quantities (presence and quantity of liquids); 2) instances of pressurized liquids emitting from the Landfill surface, from boreholes during drilling, and from LFG wells; and, 3) the characteristics of the odors originating from the select areas of the waste footprint (often described as "chemical-like" and distinctly different from typical LFG or landfill working face odors).
    - Observations of subsurface waste conditions and characteristics as noted on borehole drilling logs for recently installed new wells and/or TMPs.
    - Initial subsurface temperatures recorded at the in-situ waste TMPs that were commissioned in April 2024.


Location 1 Yds^3/Day
Yds^3/Day
2,500
2,000
1,500
1,000
500
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date


Location 1 Cumulative Volume Change
Yds^3
700,000
600,000
500,000
400,000
300,000
200,000
100,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date


Location 2 Yds^3/Day
Yds^3/Day
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date


Location 2 Yds^3 Cumulative Volume Change
Yds^3
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date

Location 1

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day	
5/31/2023	0	-	-	-	
6/19/2023	19	26,000	26,000	1,368	
7/21/2023	32	55,000	90,000	1,719	
8/11/2023	21	33,000	126,000	1,571	
8/28/2023	17	24,000	156,000	1,412	
9/25/2023	28	44,000	205,000	1,571	
10/9/2023	14	13,000	229,000	929	
10/23/2023	14	16,000	254,000	1,143	
11/7/2023	15	13,000	272,000	867	
11/22/2023	15	27,000	304,000	1,800	
12/4/2023	12	10,000	325,000	833	
12/13/2023	9	3,000	338,000	333	
1/2/2024	20	25,000	352,000	1,250	*Waste fill near reaction area
1/15/2024	13	17,000	367,000	1,308	
1/29/2024	14	21,000	377,000	1,500	*Waste fill near reaction area
2/12/2024	14	22,000	398,000	1,571	
2/28/2024	16	16,000	411,000	1,000	
3/5/2024	6	12,000	430,000	2,000	
3/20/2024	15	12,000	436,000	800	
3/27/2024	7	3,000	442,362	429	
4/3/2024	7	3,000	454,000	429	
4/10/2024	7	2,000	459,000	286	
4/17/2024	7	4,000	467,000	571	
4/24/2024	7	3,000	476,000	429	
5/1/2024	7	4,000	484,000	571	
5/8/2024	7	4,000	494,000	571	
5/15/2024	7	3,000	505,000	429	
5/22/2024	7	3,000	511,000	429	
5/29/2024	7	2,000	524,000	286	
6/5/2024	7	2,000	532,000	286	
6/12/2024	7	6,000	542,853	857	
6/19/2024	7	(2,000)	540,000	(286)	
6/26/2024	7	2,000	545,000	286	
7/3/2024	7	4,000	555,000	571	
7/10/2024	7	(3,000)	563,000	(429)	
7/17/2024	7	3,000	573,000	429	

Location 2

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day	
5/31/2023	0	-	-	-	
6/19/2023	19	18,000	18,000	947	
7/21/2023	32	34,000	54,000	1,063	
8/11/2023	21	20,000	75,000	952	
8/28/2023	17	15,000	93,000	882	
9/25/2023	28	26,000	121,000	929	
10/9/2023	14	8,000	134,000	571	
10/23/2023	14	10,000	149,000	714	
11/7/2023	15	7,000	161,000	467	
11/22/2023	15	13,000	178,000	867	
12/4/2023	12	5,000	190,000	417	
12/13/2023	9	1,000	197,000	111	
1/2/2024	20	16,000	199,000	800	*Waste fill near reaction area
1/15/2024	13	10,000	208,000	769	
1/29/2024	14	11,000	220,000	786	*Waste fill near reaction area
2/12/2024	14	12,000	233,000	857	
2/28/2024	16	9,000	241,000	563	
3/5/2024	6	8,000	254,000	1,333	
3/20/2024	15	6,000	254,000	400	
3/27/2024	7	2,000	260,000	286	
4/3/2024	7	1,000	267,000	143	
4/10/2024	7	1,000	269,000	143	
4/17/2024	7	1,000	274,000	143	
4/24/2024	7	2,000	281,000	286	
5/1/2024	7	2,000	284,000	286	
5/8/2024	7	2,000	289,000	286	
5/15/2024	7	1,000	296,000	143	
5/22/2024	7	1,000	300,000	143	
5/29/2024	7	1,000	308,000	143	
6/5/2024	7	1,000	312,000	143	
6/12/2024	7	3,000	316,000	429	
6/19/2024	7	(1,000)	315,000	(143)	
6/26/2024	7	1,000	320,000	143	
7/3/2024	7	2,000	330,000	286	
7/10/2024	7	(1,000)	334,000	(143)	
7/17/2024	7	1,000	339,000	143	

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

15 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	15 Jul 2024 7:34 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

16 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	16 Jul 2024 8:22 AM PDT
Prepared by	Tom Roe

Identification of Issues	
Identified Issue	
Identified Issue 1	
Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

17 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	17 Jul 2024 8:29 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

18 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	18 Jul 2024 10:22 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

19 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	19 Jul 2024 11:55 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

20 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	20 Jul 2024 7:59 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

CHIQUITA CANYON
A Waste Connections Company

July 30, 2024

Via E-Mail
Karen Gork
Chief Environmental Health Specialist
Los Angeles County Department of Public Health
Local Enforcement Agency
Environmental Programs Division
5050 Commerce Drive,
Baldwin Park, California 91706
KGork@ph.lacounty.gov

Re: Chiquita Canyon, LLC's Weekly Report on the Documentation and Tracking of Cover Issues

Dear Ms. Gork:

In accordance with the Local Enforcement Agency's ("LEA") May 2, 2024 letter approving Chiquita's April 16, 2024 Second Revised Written Plan for Documenting and Tracking Cover Issues ("Second Revised Written Plan"), the LEA's May 29, 2024 letter, and the LEA's June 6, 2024 Compliance Order, Chiquita presents the enclosed report for documenting and tracking cover issues for the week of July 22, 2024 to July 27, 2024. Please contact me in the event you have any questions regarding this matter.

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: July 22, 2024 Weekly Cover Issues Report
cc: Mark Como, Department of Public Health
Eric Morofuji, Department of Public Health

Fissures and Tension Cracks

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

22 Jul 2024 / Tom Roe

Complete

Conducted on	22 Jul 2024 8:56 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 151/152

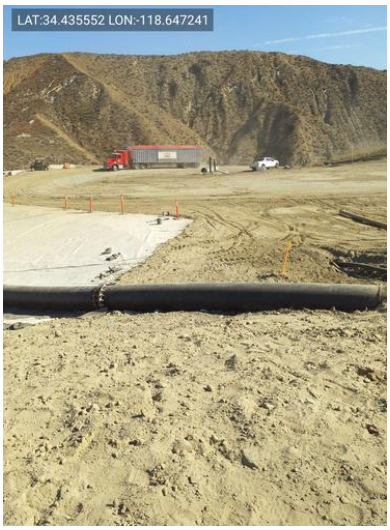


Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

23 Jul 2024 / Tom Roe

Complete

Conducted on	23 Jul 2024 9:42 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 147

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

24 Jul 2024 / Tom Roe

Complete

Conducted on	24 Jul 2024 8:58 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.

Grid Location	153

Using the Media link below, attach the before photo of the fissure of tension crack.

24 Jul 2024 8:59 AM PDT

Photo 1

Photo 2

Photo 3

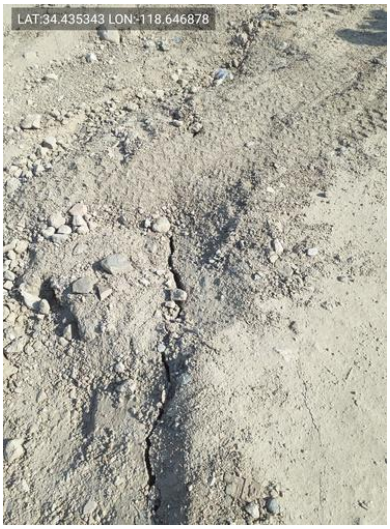


Photo 4

Length of crack (ft) or area containing multiple cracks (ft x ft)	10ft x 30ft
Horizontal Offset (width)	Medium 2-4" in width
Vertical Offset (height)	Small 0.5-2" in height
Orientation (direction)	N to S
Location	(34.4354067, -118.646878)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 5

Date and time of repairs	24 Jul 2024 10:12 AM PDT
Description of repairs	Other (please describe)

Dirt was added to the area and cracks were track walked.

Chiquita Reaction Area Tracking of Fissures and Tension Cracks
2

Fissure or Tension Crack Found?	Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.

Grid Location	165

Using the Media link below, attach the before photo of the fissure of tension crack.

24 Jul 2024 9:08 AM PDT

Photo 6

Photo 7

Length of crack (ft) or area containing multiple cracks (ft x ft)	12ft x 35ft
Horizontal Offset (width)	Small 0.5-2" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	N to S

Location	(34.4333308, -118.6477227)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 8

Photo 9

Date and time of repairs	24 Jul 2024 10:34 AM PDT
Description of repairs	Cracks were track walked.

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

25 Jul 2024 / John Boucher

Complete

Conducted on	25 Jul 2024 9:39 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 147 looking North to West

Photo 1

Photo 2

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

26 Jul 2024 / John Boucher

Complete

Conducted on	26 Jul 2024 8:48 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found? No

Grid 146 looking south to east

Photo 1

Photo 2

Instability

Are there any indications of slope stability concerns? No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

27 Jul 2024 / John Boucher

Complete

Conducted on	27 Jul 2024 8:39 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 152 looking southwest to North

Photo 1

Photo 2

Photo 3

Instability

Are there any indications of slope stability concerns?	No

Settlement

The bi-weekly drone flyover was not conducted this week. The drone data from the next flyover event will be included in the next weekly report.

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

22 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	22 Jul 2024 7:44 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

23 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	23 Jul 2024 8:29 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

24 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	24 Jul 2024 8:24 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

25 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	25 Jul 2024 8:32 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No

Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

26 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	26 Jul 2024 8:02 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

27 Jul 2024 / John Boucher

Complete

Flagged items	0
Conducted on	27 Jul 2024 8:07 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

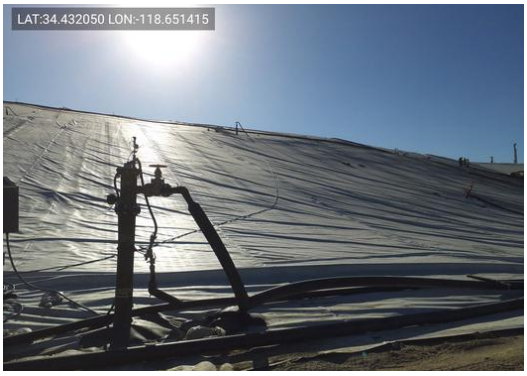


Photo 2

Photo 3

Photo 4

Photo 5

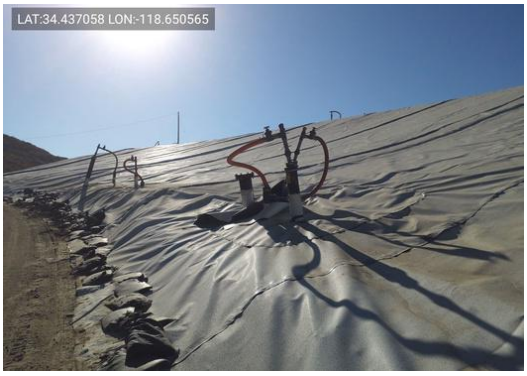


Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Photo 15

Photo 16

Photo 17

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

CHIQUITA CANYON
A Waste Connections Company

August 6, 2024

Via E-Mail
Karen Gork
Chief Environmental Health Specialist
Los Angeles County Department of Public Health
Local Enforcement Agency
Environmental Programs Division
5050 Commerce Drive,
Baldwin Park, California 91706
KGork@ph.lacounty.gov

Re: Chiquita Canyon, LLC's Weekly Report on the Documentation and Tracking of Cover Issues

Dear Ms. Gork:

In accordance with the Local Enforcement Agency's ("LEA") May 2, 2024 letter approving Chiquita's April 16, 2024 Second Revised Written Plan for Documenting and Tracking Cover Issues ("Second Revised Written Plan"), the LEA's May 29, 2024 letter, and the LEA's June 6, 2024 Compliance Order, Chiquita presents the enclosed report for documenting and tracking cover issues for the week of July 29, 2024 to August 3, 2024. Please contact me in the event you have any questions regarding this matter.

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: July 29, 2024 Weekly Cover Issues Report
cc: Mark Como, Department of Public Health
Eric Morofuji, Department of Public Health

Fissures and Tension Cracks

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

29 Jul 2024 / Tom Roe

Complete

Conducted on	29 Jul 2024 8:37 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 151/152

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

30 Jul 2024 / Tom Roe

Complete

Conducted on	30 Jul 2024 9:08 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 165

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

31 Jul 2024 / Tom Roe

Complete

Conducted on	31 Jul 2024 9:07 AM PDT
Prepared by	Tom Roe

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 147

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

1 Aug 2024 / John Boucher

Complete

Conducted on	1 Aug 2024 10:42 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	Yes

Using the attached image, annotate all areas where inspectors identified a fissure or tension crack.

Grid Location	148

Using the Media link below, attach the before photo of the fissure of tension crack.

1 Aug 2024 10:43 AM PDT

Photo 1

Photo 2

Photo 3

Photo 4

Length of crack (ft) or area containing multiple cracks (ft x ft)	20ft x 20ft area
Horizontal Offset (width)	Small 0.5-2" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NW to SE
Location	(34.4353322, -118.6467241)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 5

Photo 6

Date and time of repairs	1 Aug 2024 12:36 PM PDT
Description of repairs	Other (please describe)

Compacted with excavator

Instability	
Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

2 Aug 2024 / John Boucher

Complete

Conducted on	2 Aug 2024 8:17 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found?	No

Grid 170 looking south to east

Photo 1

Photo 2

Photo 3

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

3 Aug 2024 / John Boucher

Complete

Conducted on	3 Aug 2024 8:58 AM PDT
Prepared by	John Boucher

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks

Chiquita Reaction Area Tracking of Fissures and Tension Cracks 1

Fissure or Tension Crack Found? No

Grid 147 looking south to east

Photo 1

Photo 2

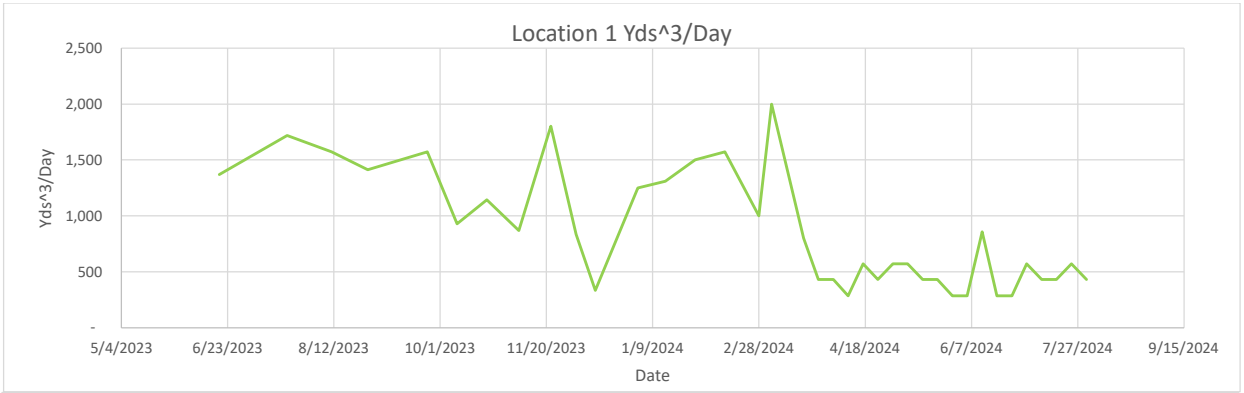
Instability

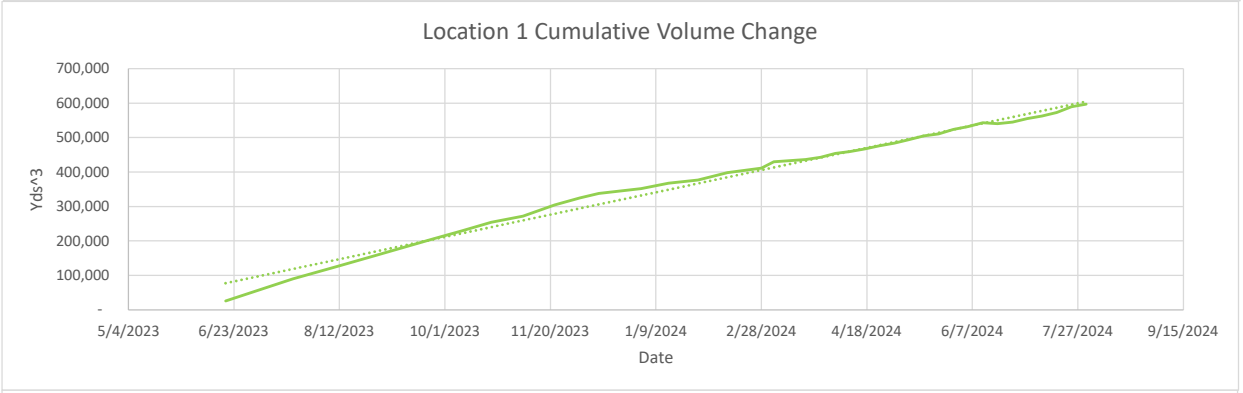
Are there any indications of slope stability concerns? No

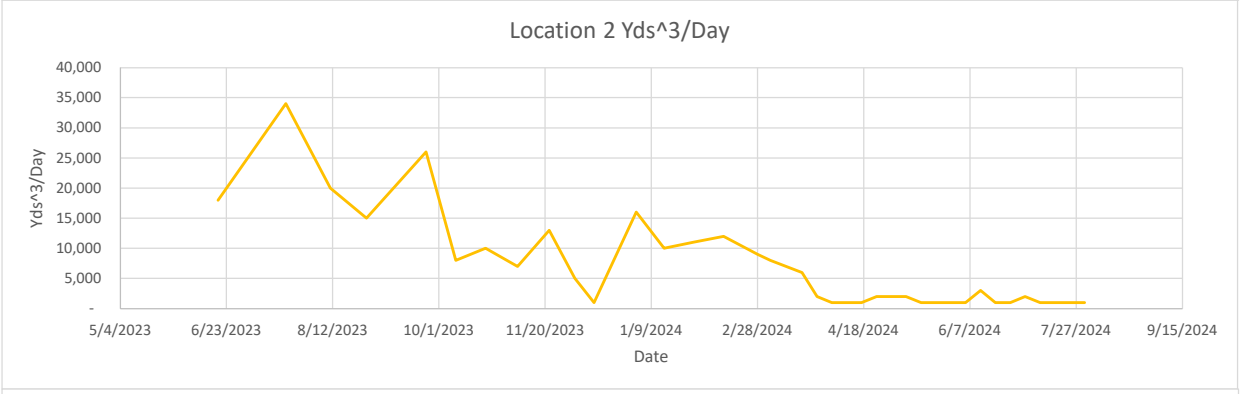
Settlement

Settlement Data Notes

- The charts on the following page show the settlement in cubic yards measured at a fixed location. Accumulated settlement in location 1 decreased during the 7/31/24 flyover. CCL attributes this to the variability in these measurements. CCL does not believe there have been other activities in this area that would result in a reduction in settlement.
- The map shows the settlement area growth between 7/17/24 (in green) and 7/31/24 (in red). These polygons show the areas that have settled more than 5 feet since 5/31/23; however, as the span of time between the start date of 5/31/23 and new survey dates increases, the accuracy of this map as an indicator of settlement attributed to the reaction will diminish.
- Waste fill occurred near the measurement areas in May 2023. Some of the early settlement is likely due to the initial waste settlement of a new fill.
- The major depression in the top deck was excluded because the soil fills used to prevent ponding would skew the settlement trends due to those areas showing up as fill instead of settlement.
- Measurements utilized a .5' deadzone (changes under .5' were not counted)
- On a monthly basis, SCS leads the collection and review of data to determine whether the boundaries of the Reaction Area, as defined in the Stipulated Order for Abatement with the South Coast Air Quality Management District (SCAQMD), have changed. The Reaction Committee of experts formed under the Stipulated Order then further reviews and submits these monthly determinations to SCAQMD. These determinations are also posted on Chiquita's website. As part of this monthly review, SCS considers the below factors in determining the estimated boundary of the reaction area. Expansion of the reaction boundary should be assessed based on consideration of all of these factors.
    - Landfill gas (LFG) wellhead temperatures in excess of approximately 160 degrees Fahrenheit.
    - Poor gas quality (defined as methane levels of less than 30 percent) in conjunction with methane-to-carbon dioxide (CH4:CO2) ratios less than 1.0.
    - The concentration of hydrogen (H2) in the LFG measured greater than 2 percent by volume.
    - Accelerated settlement of the landfill surface, defined as approximately 6 inches or greater within a 60-day period, and cracks in the landfill cover.
    - First-hand observations of the Chiquita Canyon Landfill (Landfill) and/or SCS engineering, construction, and operations and maintenance field personnel who are on-site related to: 1) atypical excess leachate quantities (presence and quantity of liquids); 2) instances of pressurized liquids emitting from the Landfill surface, from boreholes during drilling, and from LFG wells; and, 3) the characteristics of the odors originating from the select areas of the waste footprint (often described as "chemical-like" and distinctly different from typical LFG or landfill working face odors).
    - Observations of subsurface waste conditions and characteristics as noted on borehole drilling logs for recently installed new wells and/or TMPs.
    - Initial subsurface temperatures recorded at the in-situ waste TMPs that were commissioned in April 2024.


Location 1 Yds^3/Day
Yds^3/Day
2,500
2,000
1,500
1,000
500
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date


Location 1 Cumulative Volume Change
Yds^3
700,000
600,000
500,000
400,000
300,000
200,000
100,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date


Location 2 Yds^3/Day
Yds^3/Day
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
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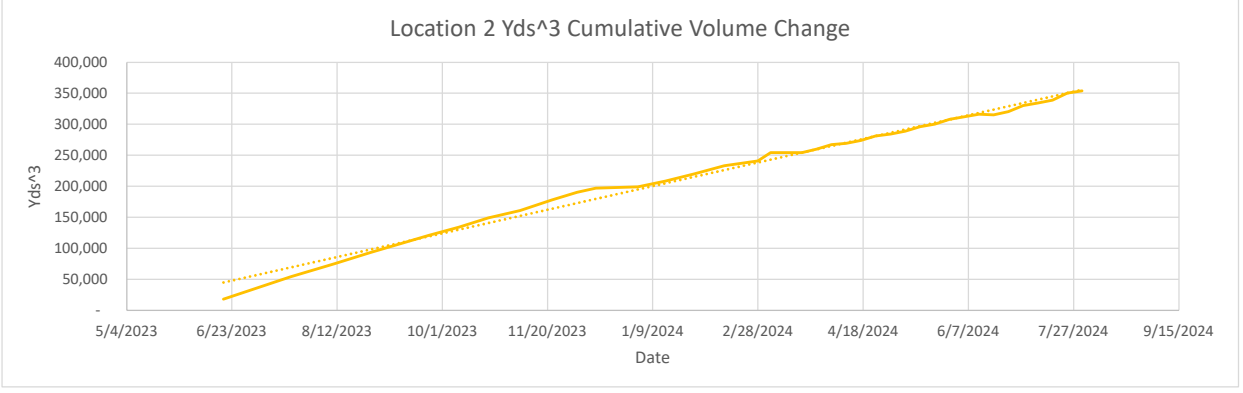
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date


Location 2 Yds^3 Cumulative Volume Change
Yds^3
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
-
5/4/2023
6/23/2023
8/12/2023
10/1/2023
11/20/2023
1/9/2024
2/28/2024
4/18/2024
6/7/2024
7/27/2024
9/15/2024
Date

Location 1

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day	
5/31/2023	0	-	-	-	
6/19/2023	19	26,000	26,000	1,368	
7/21/2023	32	55,000	90,000	1,719	
8/11/2023	21	33,000	126,000	1,571	
8/28/2023	17	24,000	156,000	1,412	
9/25/2023	28	44,000	205,000	1,571	
10/9/2023	14	13,000	229,000	929	
10/23/2023	14	16,000	254,000	1,143	
11/7/2023	15	13,000	272,000	867	
11/22/2023	15	27,000	304,000	1,800	
12/4/2023	12	10,000	325,000	833	
12/13/2023	9	3,000	338,000	333	
1/2/2024	20	25,000	352,000	1,250	*Waste fill near reaction area
1/15/2024	13	17,000	367,000	1,308	
1/29/2024	14	21,000	377,000	1,500	*Waste fill near reaction area
2/12/2024	14	22,000	398,000	1,571	
2/28/2024	16	16,000	411,000	1,000	
3/5/2024	6	12,000	430,000	2,000	
3/20/2024	15	12,000	436,000	800	
3/27/2024	7	3,000	442,362	429	
4/3/2024	7	3,000	454,000	429	
4/10/2024	7	2,000	459,000	286	
4/17/2024	7	4,000	467,000	571	
4/24/2024	7	3,000	476,000	429	
5/1/2024	7	4,000	484,000	571	
5/8/2024	7	4,000	494,000	571	
5/15/2024	7	3,000	505,000	429	
5/22/2024	7	3,000	511,000	429	
5/29/2024	7	2,000	524,000	286	
6/5/2024	7	2,000	532,000	286	
6/12/2024	7	6,000	542,853	857	
6/19/2024	7	(2,000)	540,000	(286)	
6/26/2024	7	2,000	545,000	286	
7/3/2024	7	4,000	555,000	571	
7/10/2024	7	(3,000)	563,000	(429)	
7/17/2024	7	3,000	573,000	429	
7/24/2024	7	4,000	590,000	571	
7/31/2024	7	(3,000)	597,000	(429)	

Location 2

Flyover Date	Days Between Flights	Volume Change	Cumulative Volume Change	Volume Change Per Day	
5/31/2023	0	-	-	-	
6/19/2023	19	18,000	18,000	947	
7/21/2023	32	34,000	54,000	1,063	
8/11/2023	21	20,000	75,000	952	
8/28/2023	17	15,000	93,000	882	
9/25/2023	28	26,000	121,000	929	
10/9/2023	14	8,000	134,000	571	
10/23/2023	14	10,000	149,000	714	
11/7/2023	15	7,000	161,000	467	
11/22/2023	15	13,000	178,000	867	
12/4/2023	12	5,000	190,000	417	
12/13/2023	9	1,000	197,000	111	
1/2/2024	20	16,000	199,000	800	*Waste fill near reaction area
1/15/2024	13	10,000	208,000	769	
1/29/2024	14	11,000	220,000	786	*Waste fill near reaction area
2/12/2024	14	12,000	233,000	857	
2/28/2024	16	9,000	241,000	563	
3/5/2024	6	8,000	254,000	1,333	
3/20/2024	15	6,000	254,000	400	
3/27/2024	7	2,000	260,000	286	
4/3/2024	7	1,000	267,000	143	
4/10/2024	7	1,000	269,000	143	
4/17/2024	7	1,000	274,000	143	
4/24/2024	7	2,000	281,000	286	
5/1/2024	7	2,000	284,000	286	
5/8/2024	7	2,000	289,000	286	
5/15/2024	7	1,000	296,000	143	
5/22/2024	7	1,000	300,000	143	
5/29/2024	7	1,000	308,000	143	
6/5/2024	7	1,000	312,000	143	
6/12/2024	7	3,000	316,000	429	
6/19/2024	7	(1,000)	315,000	(143)	
6/26/2024	7	1,000	320,000	143	
7/3/2024	7	2,000	330,000	286	
7/10/2024	7	(1,000)	334,000	(143)	
7/17/2024	7	1,000	339,000	143	
7/24/2024	7	1,000	350,000	143	
7/31/2024	7	1,000	354,000	143	

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

29 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	29 Jul 2024 7:55 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

30 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	30 Jul 2024 8:20 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

31 Jul 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	31 Jul 2024 8:21 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No

Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

1 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	1 Aug 2024 9:18 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

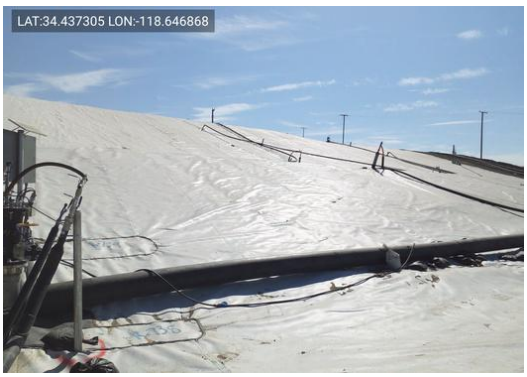


Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Photo 15

Photo 16

Photo 17

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

2 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	2 Aug 2024 7:57 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

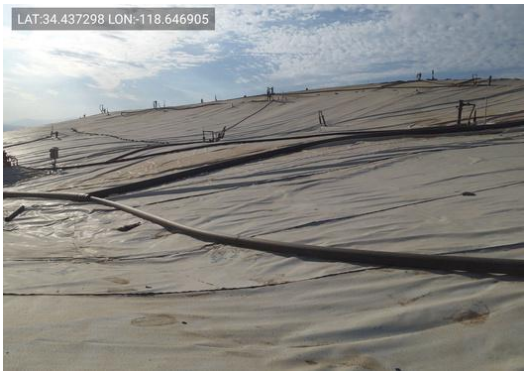


Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Photo 15

Photo 16

Photo 17

Instability under the cover	
Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

4050 - Geosynthetic Cover Inspection

3 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	3 Aug 2024 7:52 AM PDT
Prepared by	John Boucher

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover? No

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Photo 15

Instability under the cover

Are there any anomalous (unusual or unexpected) areas of cover damage or deformation that may indicate underlying instability?	No
Are there any signs of a downslope tension crack at the top of the slope or bulging at or near the toe of the slope?	No
Is there any movement of the equipment that vertically penetrates the cover (e.g., tilting)?	No

Attachment J

Correspondence Relating to Extension of Deadline for Cover Installation

TETRA TECH

August 2, 2024

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

Subject: Request for Extension Regarding Milestone 2A-1 (Formerly, Mitigation Measure #2A), Chiquita Canyon Landfill, Castaic, California

Dear Mr. Cassulo,

On behalf of Chiquita Canyon, LLC (Chiquita), Tetra Tech hereby submits this request for an extension of the August 2, 2024 deadline to complete installation of the approximately 3.4 additional acres of geosynthetic cover on the west slope in compliance with Milestone 2A-1 at the Chiquita Canyon Landfill (CCL or Landfill).

As of today, August 2, 2024, Chiquita has installed approximately 41 acres of geosynthetic cover at the Landfill. Chiquita stated in its updated installation schedule submitted to the LEA on May 14, 2024 that the approximate 1.8 acres of area temporarily covered by scrim on the west slope was not included in the August 2, 2024 compliance deadline, as it was dependent on lowering of the liquid levels. More specifically, Chiquita stated, "The area of the Landfill currently covered by the scrim will be replaced by the 30 mil HDPE Geomembrane Cover once liquid levels in the areas have dropped. This area is currently not included in this schedule." The LEA acknowledged this exclusion from the schedule in its May 29, 2024 letter responding to Chiquita, stating in relevant part, "The area of the landfill that is currently covered by the scrim will be replaced once liquid levels in the area have dropped according to the Workplan and is not currently included in the July 12, 2024 deadline." This workplan refers to the draft toe drain workplan submitted on May 14, 2014, together with the updated installation schedule. The LEA's Compliance Order subsequently extended the July 12, 2024 deadline to August 2, 2024.

Chiquita has begun preparing for the west toe drain project as outlined the May 14, 2024 draft west toe drain workplan and further described in its weekly geosynthetic capping status updates submitted to the LEA on July 26, 2024 and today. Chiquita is working together with its regulators to finalize a workplan and ensure adequate health and safety measures are in place. At this time, Chiquita anticipates construction on the west toe drain work to commence the week of August 5. The 1.8 acres of landfill that is currently covered by the scrim cannot be replaced until after the toe drain work is complete and the liquid levels in the area have dropped, as further explained in the workplan. The installation of the approximate 1.6 acres of area surrounding the existing scrim also cannot be completed until after the toe drain work is complete because the installation of the geosynthetic cover over that area would cut off access to the west toe drain installation.

The following proposed timeline provides an updated installation schedule and is subject to change based on weather, site conditions, and unanticipated events.

Tetra Tech
21700 Copley Drive, Suite 200 Diamond Bar, CA 91765
Tel 909.860.7777 tetratech.com

Estimated Duration	Estimated Dates	Estimated Efforts and Goals re: Mitigation Measure #2A-1
6 Weeks	August 7 – September 18	Installation of the west toe drain
4 Weeks	September 18 – October 16	Complete geosynthetic cover on the west slope, approximately 3.4 additional acres of geosynthetic cover
1 Week	October 16 – October 23	Finalize reporting

We will follow up with additional response to the LEA's July 31, 2024 letter.

Sincerely,

Julie Hauenstein, P.E
Project Manager
(909) 835-8167

cc:

Nicole Ward, Chiquita
Steve Cassulo, Chiquita
Amanda Froman, Chiquita
Robert Ragland, Los Angeles County Department of Public Health
Liza Frias, Los Angeles County Department of Public Health
Nichole Quick, M.D., Los Angeles County Department of Public Health
Shikari Nakagawa-Ota, Los Angeles County Department of Public Health
Ken Habaradas, Los Angeles County Department of Public Health
Karen Gork, LEA
Eric Morofuji, LEA
Renee Jensen, LEA Counsel
Blaine McPhillips, County Counsel
Emiko Thompson, Los Angeles County Public Works
Alex Garcia, Los Angeles County Department of Regional Planning
Ai-Viet Huynh, Los Angeles County Department of Regional Planning
Wes Mindermann, CalRecycle
Janelle Heinzler, CalRecycle
Jeff Lindberg, California Air Resources Board
Vanessa Aguila, California Air Resources Board
Jack Cheng, South Coast Air Quality Management District
Larry Israel, South Coast Air Quality Management District
Douglas Cross, Los Angeles Regional Water Quality Control Board
Thanne Berg, United States Environmental Protection Agency

COUNTY OF LOS ANGELES
Public Health

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
County Health Officer

ANISH P. MAHAJAN, M.D., M.S., M.P.H.
Chief Deputy Director

NICHOLE QUICK, M.D., M.P.H.
Deputy Director for Health Protection

LIZA FRIAS, REHS
Director of Environmental Health

BRENDA LOPEZ, REHS
Assistant Director of Environmental Health

SCOTT ABBOTT, REHS, M.P.A.
Assistant Director of Environmental Health

5050 Commerce Drive
Baldwin Park, California 91706
TEL (626) 430-5374 • FAX (626) 813-3000

www.publichealth.lacounty.gov/eh/

BOARD OF SUPERVISORS

Hilda L. Solis
First District

Holly J. Mitchell
Second District

Lindsey P. Horvath
Third District

Janice Hahn
Fourth District

Kathryn Barger
Fifth District

August 13, 2024

Via Electronic Correspondence

Steve Cassulo
Steven.cassulo@WasteConnections.com
District Manager
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

SUBJECT: CHIQUITA CANYON LANDFILL (CCL) (SWIS NO. 19-AA-0052) – REQUEST FOR EXTENSION REGARDING MILESTONE 2A-1 – INSTALLATION OF GEOSYNTHETIC COVER OVER REACTION SETTLEMENT AREA

Dear Mr. Cassulo,

On August 2, 2024, the Los Angeles County Department of Public Health, Solid Waste Management Program, acting as the Local Enforcement Agency (LEA), received the "Request for Extension Regarding Milestone 2A-1" (Request Letter) prepared by Tetra Tech, dated August 2, 2024, for Chiquita Canyon Landfill (CCL). In accordance with the Compliance Schedule set forth in the LEA's Compliance Order dated June 6, 2024, CCL was required to complete the installation of the geosynthetic cover over the reaction area by August 2, 2024. CCL submitted the Request Letter to extend this deadline to complete the installation of the geosynthetic cover on the remaining area of the reaction area (west slope) until after the west toe drain installation project has been completed.

The LEA, in collaboration with the California Department of Resources, Recycling and Recovery (CalRecycle), has reviewed the Request Letter and determined the proposed timeline and updated installation schedule are approved. The final date to complete all the required work in the updated schedule, which includes submittal of the final completion report, is October 23, 2024.

Due to the approval of the extension, the LEA has amended the compliance schedule, and the revised final date to achieve full compliance with 27 CCR Section 20750 is October 23, 2024.

If you have any questions, please contact Eric Morofuji at (626) 430-5540.

Sincerely,

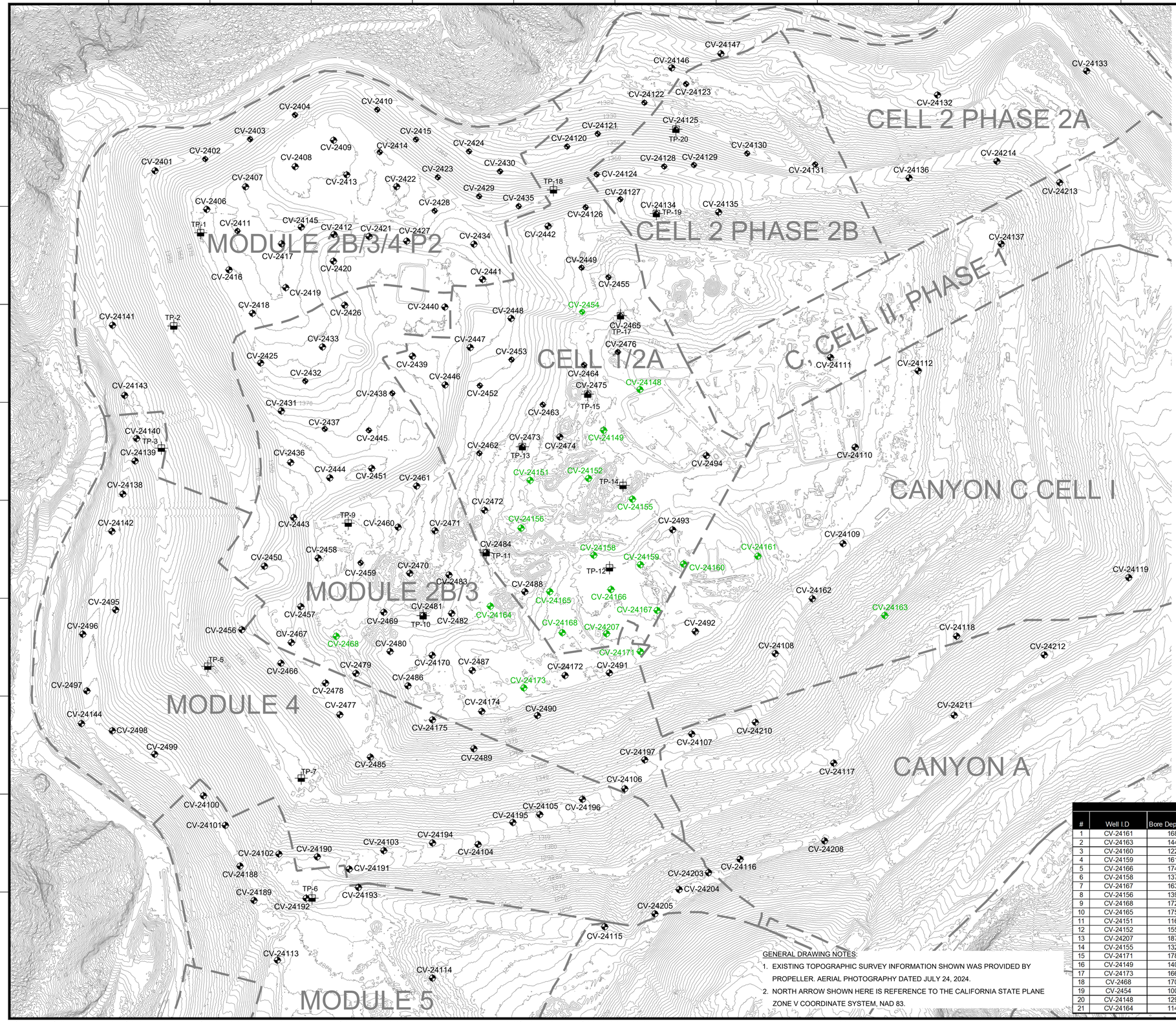
Ken Habaradas, Environmental Health Services Manager
Los Angeles County Department of Public Health

Cc: (Via Electronic Correspondence Only)

- Robert Ragland, Los Angeles County Department of Public Health
- Liza Frias, Los Angeles County Department of Public Health
- Nichole Quick, M.D., Los Angeles County Department of Public Health
- Shikari Nakagawa-Ota, Los Angeles County Department of Public Health
- Eric Morofuji, Los Angeles County LEA
- Karen Gork, Los Angeles County LEA
- Renee Jensen, LEA Counsel (rjensen@fwhb.com)
- Blaine McPhillips, Senior Deputy County Counsel
- Emiko Thompson, Los Angeles County Department of Public Works
- Alex Garcia, Los Angeles County Department of Regional Planning
- Ai-Viet Huynh, Los Angeles County Department of Regional Planning
- Wes Mindermann, CalRecycle (wes.mindermann@calrecycle.ca.gov)
- Janelle Heinzler, CalRecycle (janelle.heinzler@calrecycle.ca.gov)
- Jeff Lindberg California Air Recourses Board (jeff.lindberg@arb.ca.gov)
- Vanessa Aguila, California Air Resources Board (vanessa.aguila@arb.ca.gov)
- Jack Cheng, South Coast Air Quality Management Board (jcheng@aqmd.gov)
- Larry Israel, South Coast Air Quality Management Board (lisrael@aqmd.gov)
- Douglas Cross, Los Angeles Regional Water Quality Control Board (dcross@waterboards.ca.gov)
- Thanne Berg, United States Environmental Protection Agency (Berg.Thanne@epa.gov)

Attachment K

Drilling Map



N

GRAPHIC SCALE

130 65 0 130 260 390

SCALE: 1"=130'

LEGEND

1150	EXISTING TOPOGRAPHIC CONTOUR
	EXISTING CELL LIMITS (APPROXIMATE)
CV-XX	PROPOSED LFG EXTRACTION WELL - INSTALLED
CV-XX	PROPOSED LFG EXTRACTION WELL - INSTALLED JULY 2024
TP-XX	PROPOSED TEMPERATURE PROBE - INSTALLED

GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLER. AERIAL PHOTOGRAPHY DATED JULY 24, 2024.
2. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.

LFG Vertical Extraction Wells Installed: JULY, 2024

#	Well I.D	Bore Depth (Ft.)	Casing Depth (Ft.)	Date of Installation	Excavated/Exposed Waste Characterization	Excavated/Exposed Waste Moisture
1	CV-24161	168	166	7/2/2024	None to Little → Severe	Dry → Saturated
2	CV-24163	144	142	7/2/2024	None to Little → Severe	Dry → Saturated
3	CV-24160	122	120	7/3/2024	None to Little → Severe	Dry → Saturated
4	CV-24159	161	159	7/9/2024	None to Little → Severe	Dry → Saturated
5	CV-24166	174	172	7/10/2024	None to Little → Severe	Dry → Saturated
6	CV-24158	137	135	7/11/2024	Moderate → Severe	Dry → Saturated
7	CV-24167	163	160	7/11/2024	None to Little → Severe	Dry → Saturated
8	CV-24156	139	137	7/12/2024	None to Little → Severe	Dry → Saturated
9	CV-24168	172	170	7/12/2024	None to Little → Severe	Dry → Saturated
10	CV-24165	175	173	7/15/2024	None to Little → Severe	Dry → Saturated
11	CV-24151	116	79	7/16/2024	None to Little → Severe	Dry → Saturated
12	CV-24152	155	153	7/17/2024	None to Little → Severe	Dry → Saturated
13	CV-24207	187	185	7/17/2024	None to Little → Severe	Dry → Saturated
14	CV-24155	132	130	7/18/2024	None to Little → Severe	Dry → Saturated
15	CV-24171	178	176	7/18/2024	None to Little → Severe	Dry → Moist
16	CV-24149	140	108	7/24/2024	None to Little → Severe	Dry → Saturated
17	CV-24173	166	164	7/24/2024	None to Little → Severe	Dry → Saturated
18	CV-2468	170	168	7/25/2024	None to Little → Severe	Dry → Saturated
19	CV-2454	100	98	7/26/2024	None to Little → Severe	Dry → Saturated
20	CV-24148	129	127	7/30/2024	None to Little → Severe	Dry → Saturated
21	CV-24164	114	112	7/31/2024	None to Little → Severe	Dry → Saturated

NO. | REVISION | DATE

SHEET TITLE: WELL/TEMPERATURE PROBE INSTALLATION WASTE CHARACTERIZATION MAP

PROJECT TITLE: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
8799 BALBOA AVENUE SUITE 290
SAN DIEGO, CA 92123
(858) 571-5500 FAX: (562) 427-0805

PROD. NO. 01204123.35 | DSN. BY: - | DWN. BY: SRM | CHK. BY: WCH | APP. BY: WCH | ACAD FILE: ENGINEERS

DATE: 08/05/2024

SCALE: AS SHOWN

SHEET: 1

ETOOLS ID	Alias	Site Name:	CHIQUITA CANYON LANDFILL
CCV24161	CV-24161		

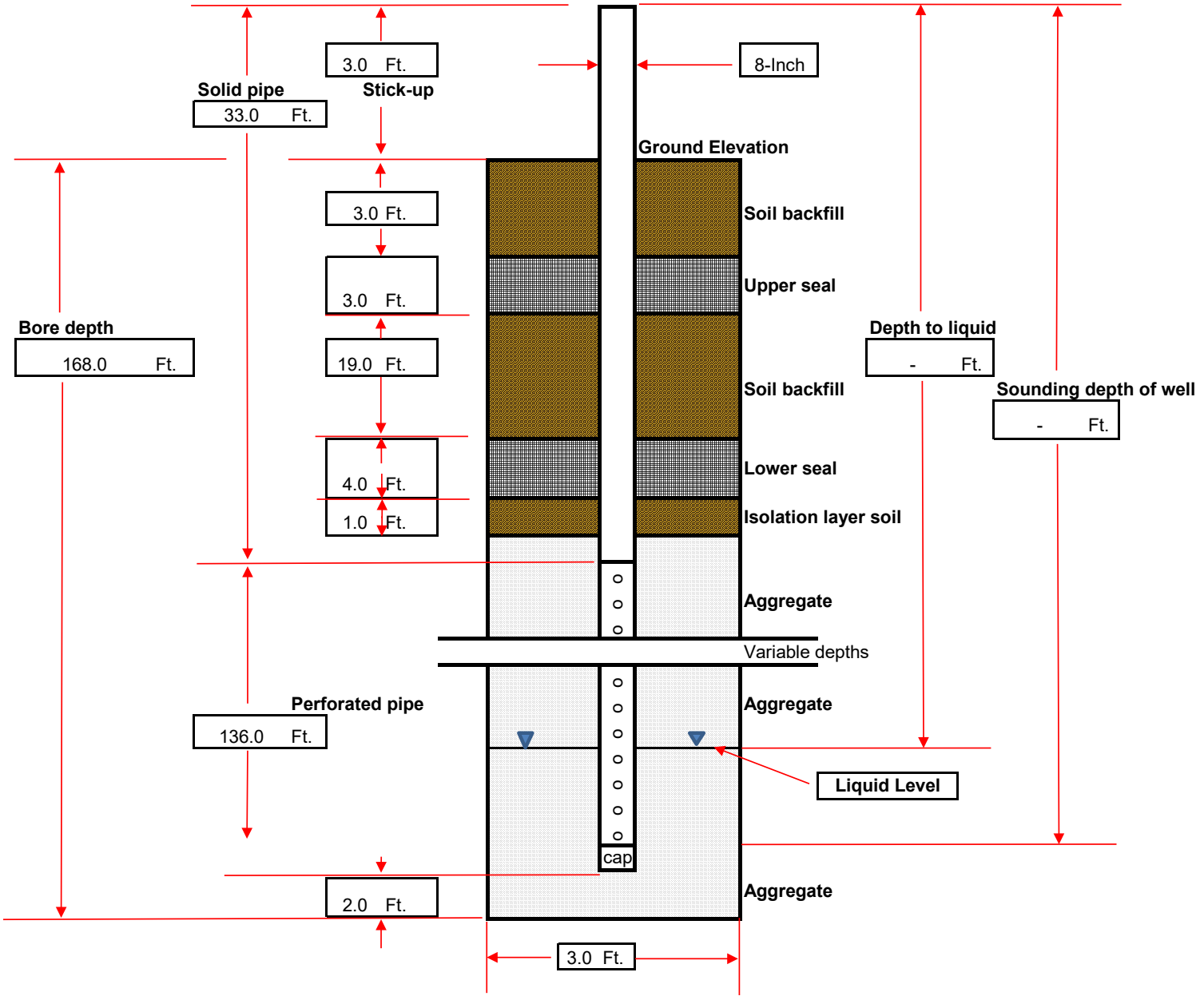
Date Installed: 7/2/2024

City: CASTAIC State: CA

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: Carbon Steel

General Comments:
Coordinates :
Northing: 1980895.464
Easting: 6367010.729
Ground Elevation (MSL): 1404
Notes: Stopped drilling at 168' bgs due to liquids. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24161**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/1/2024 - 7/2/2024		**Bench (Y/N)**	N
Northing:	1980895.464		**Weather:**	Sunny; 68°F-94°F
Easting:	6367010.729		**Start Drill Time:**	9:56:00 AM / 7:26:00 AM
Surface Elevation:	1404		**End Drill Time:**	2:20:00 PM / 11:47:00 AM
Liner Elevation:	1073			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	Carbon Steel			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	136		**Longitude:**	-
Boring depth: (Ft.)	168			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	soil, plastic, wood	90.0	none to little	dry	
10	**20**	plastic, wood, cardboard, paper, metal, textile	94.0	none to little	dry	
20	**30**	plastic, wood, cardboard, textile, glass, metal	102.0	none to little	dry	
30	**40**	plastic, wood, paper, cardboard	104.0	none to little	dry	
40	**50**	plastic, wood, cardboard, paper,	106.0	none to little	dry	
50	**60**	plastic, wood, cardboard, newsprint	106.0	none to little	dry	
60	**70**	plastic, wood, cardboard, paper,	114.0	none to little	dry	
70	**80**	plastic, wood, paper, cardboard, metal	116.0	none to little	dry	
80	**90**	plastic, paper, wood, metal, cardboard, textile	118.0	none to little	dry	
90	**100**	plastic, wood, cardboard, paper	122.0	none to little	dry	
100	**110**	plastic, wood, cardboard, textile, paper, metal	122.0	none to little	dry	
110	**120**	plastic, wood, textile, paper	124.0	none to little	dry	
120	**130**	palstic, wood, cardboard, paper	128.0	none to little	dry	
130	**140**	plastic, wood, cardboard, paper, metal	122.0	moderate	moist	
140	**150**	plastic, wood, cardboard, textile,	138.0	moderate	moist	
150	**160**	plastic, wood, paper	144.0	well	free liquids	
160	**168**	plastic, wood, metal	142.0	well	free liquids	
168	-	plastic, wood, cardboard, textile	150.0	well	free liquids	

Comments:
Stopped drilling at 168' bgs due to liquids. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Well Completion Log

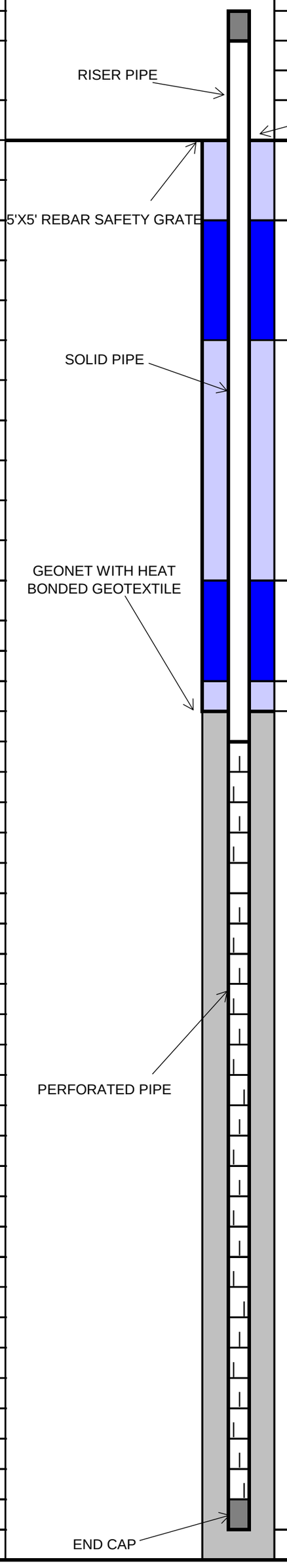
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24163		
		COORDINATES:	N: 1,980,738, E: 6,367,347		
START DATE:	07/02/2024	SURFACE ELEVATION:	1,338		
COMPLETION DATE:	07/02/2024	TOP OF CASING ELEVATION:	1,341		
CQA MONITOR:	Charlotte Martindale	WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	247 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	144 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	SOIL/PLASTIC/WOOD, SOME, MOIST
10 TO 20	SOIL/PLASTIC/WOOD, SOME, MOIST
20 TO 30	SOIL/PLASTIC/WOOD, SOME, MOIST
30 TO 40	SOIL/PLASTIC/WOOD, SOME, MOIST
40 TO 50	SOIL/PLASTIC, MODERATE, MOIST
50 TO 60	SOIL/PLASTIC, SOME, MOIST
60 TO 70	SOIL/PLASTIC, SOME, MOIST
70 TO 80	SOIL/PLASTIC, MODERATE, MOIST
80 TO 90	SOIL/PLASTIC/WOOD, MODERATE, MOIST
90 TO 100	SOIL/PLASTIC, MODERATE, MOIST
100 TO 110	SOIL/PLASTIC, SEVERE, MOIST
110 TO 120	SOIL/PLASTIC, SEVERE, MOIST
120 TO 130	SOIL/PLASTIC, SEVERE, MOIST
130 TO 144	SOIL, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	108
10 TO 20	122
20 TO 30	126
30 TO 40	128
40 TO 50	136
50 TO 60	140
60 TO 70	140
70 TO 80	144
80 TO 90	142
90 TO 100	154
100 TO 110	148
110 TO 120	150
120 TO 130	154
130 TO 144	150



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	112	30 TO 142
ROCK CUSHION	2	142 TO 144
BACKFILL:		
COVER SOIL	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
UPPER SOIL PLUG	19	5 TO 24
LOWER BENTONITE SEAL	2	24 TO 26
LOWER SOIL PLUG	1	26 TO 27
ROCK	117	27 TO 144
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	144	0 TO 144

COVER SOIL
UPPER BENTONITE SEAL
UPPER SOIL PLUG
LOWER BENTONITE SEAL
LOWER SOIL PLUG
ROCK
ROCK CUSHION

ETOOLS ID	Alias	Site Name:	CHIQUITA CANYON LANDFILL
CCV24160	CV-24160		

Date Installed: 7/3/2024

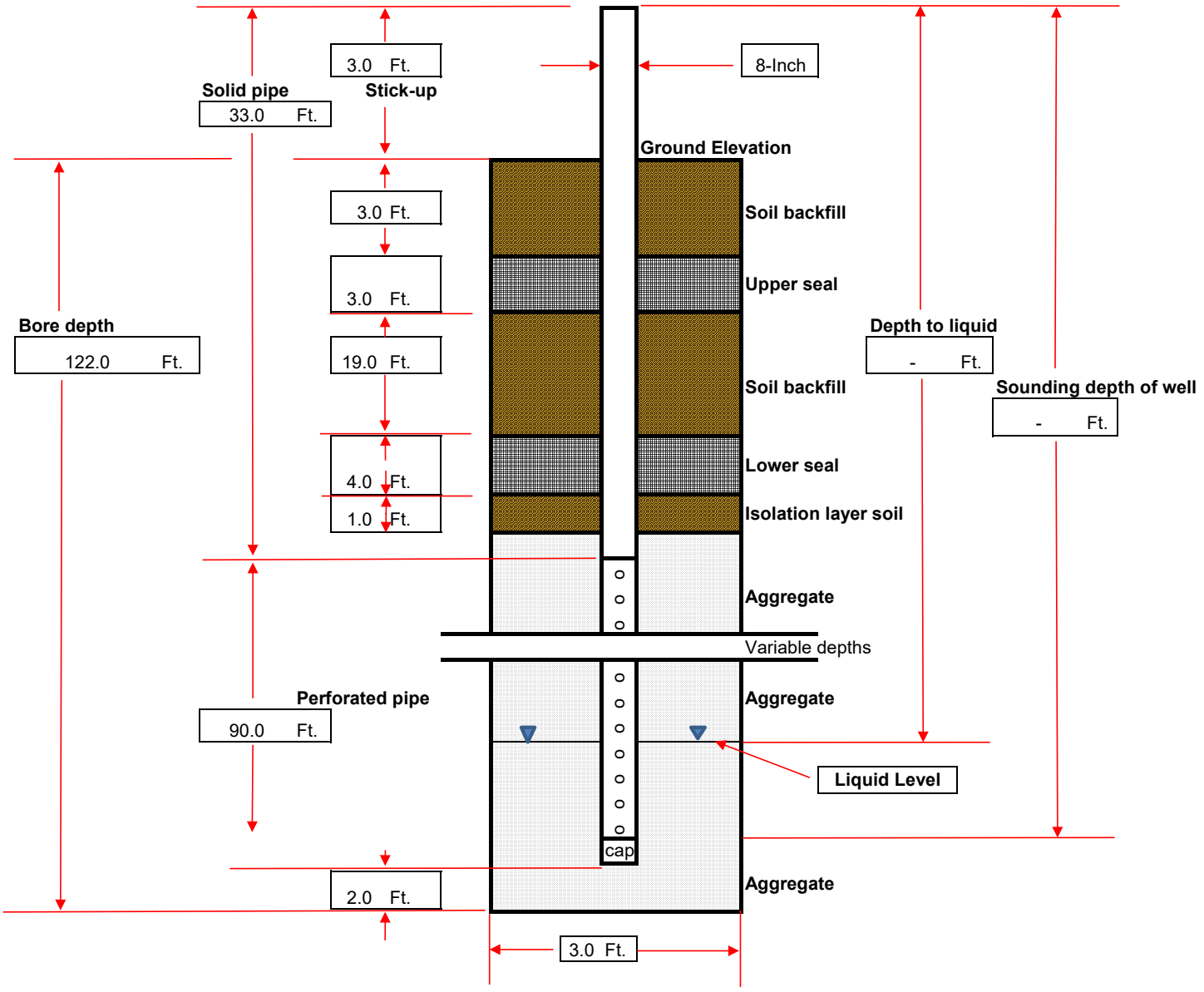
City: CASTAIC State: CA

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: CPVC

General Comments:

Coordinates :
Northing: 1980874.693
Easting: 6366813.432
Ground Elevation (MSL): 1409
Notes: Stopped drilling at 122' bgs due to an obstruction. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24160**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/3/2024		**Bench (Y/N)**	N
Northing:	1980874.693		**Weather:**	Sunny; 73°F-100°F
Easting:	6366813.432		**Start Drill Time:**	7:24:00 AM
Surface Elevation:	1409		**End Drill Time:**	1:34:00 PM
Liner Elevation:	1070			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	CPVC			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	90		**Longitude:**	-
Boring depth: (Ft.)	122			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, paper, cardboard, textile	82.0	none to little	dry	
10	**20**	plastic, wood, paper, cardboard	90.0	none to little	dry	
20	**30**	plastic, wood, cardboard, textile	92.0	none to little	dry	
30	**40**	plastic, wood, cardboard, textile, metal	96.0	none to little	dry	
40	**50**	plastic, wood, cardboard, textile	102.0	none to little	dry	
50	**60**	plastic, wood, cardboard, paper, textile	104.0	none to little	dry	
60	**70**	plastic, wood, paper, textile, cardboard	110.0	none to little	dry	
70	**80**	plastic, cardboard, paper, wood	116.0	none to little	dry	
80	**90**	plastic, wood, textile, paper, metal	120.0	moderate	moist	
90	**100**	plastic, wood, cardboard, paper	122.0	well	free liquids	
100	**110**	plastic, wood, textile, metal, paper	128.0	well	free liquids	
110	**120**	plastic, wood, metal, cardboard, textile	132.0	well	free liquids	

Comments:
Stopped drilling at 122' bgs due to an obstruction. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

ETOOLS ID	Alias	Site Name:	
CCV24159	CV-24159		CHIQUITA CANYON LANDFILL

Date Installed: 7/9/2024

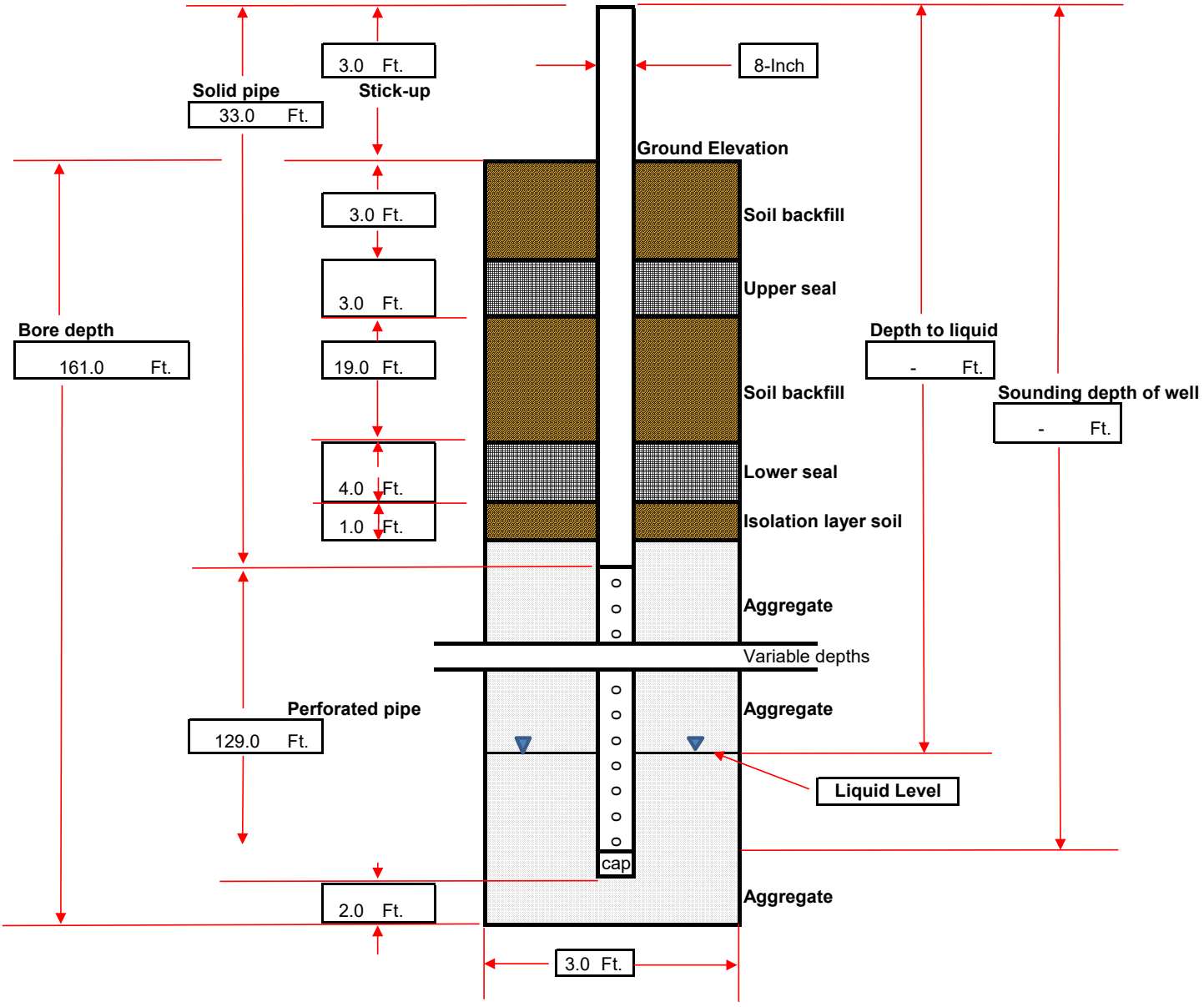
City: CASTAIC State: CA

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: CPVC

General Comments:

Coordinates :
Northing: 1980872.952
Easting: 6366699.006
Ground Elevation (MSL): 1409
Notes: Stopped drilling at 161' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Brian Warrior & Jeanine Pellegrino**	**Well ID:**	**CV-24159**
Site:	Chiquita Canyon Landfill	**Driller Name:**	SD Drilling
Date:	7/8/2024 - 7/9/2024	**Bench (Y/N)**	N
Northing:	1980872.952	**Weather:**	Sunny; 72°F-102°F
Easting:	6366699.006	**Start Drill Time:**	8:22:00 AM / 7:45:00 AM
Surface Elevation:	1409	**End Drill Time:**	1:40:00 PM / 12:39:00 PM
Liner Elevation:	1060		
Well Pipe Size: (In.)	8	**Well Seal Type:**	Bentonite Plugs
Well Material:	CPVC		
Solid Pipe: (Ft.)	30 (reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	129	**Longitude:**	-
Boring depth: (Ft.)	161		

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	refuse	82.0	-	dry	
10	**20**	refuse	85.0	-	dry	
20	**30**	refuse	86.0	-	dry	
30	**40**	refuse	100.0	-	dry	
40	**50**	refuse	110.0	-	dry	
50	**60**	-	-	-	-	Not Monitored
60	**70**	refuse	106.0	-	dry	
70	**80**	refuse	110.0	-	dry	
80	**90**	-	-	-	-	Not Monitored
90	**100**	refuse	122.0	-	dry	
100	**110**	refuse	110.0	-	dry	
110	**120**	refuse	120.0	-	dry	
120	**130**	plastic, wood, paper, metal	128.0	well	free liquids	
130	**140**	plastic, wood, cardboard, paper	130.0	well	free liquids	
140	**150**	plastic, wood, textile, cardboard	134.0	well	free liquids	
150	**161**	plastic, wood, paper, cardboard, textile	140.0	well	free liquids	

Comments:
Stopped drilling at 161' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

Tetra Tech, BAS Inc.

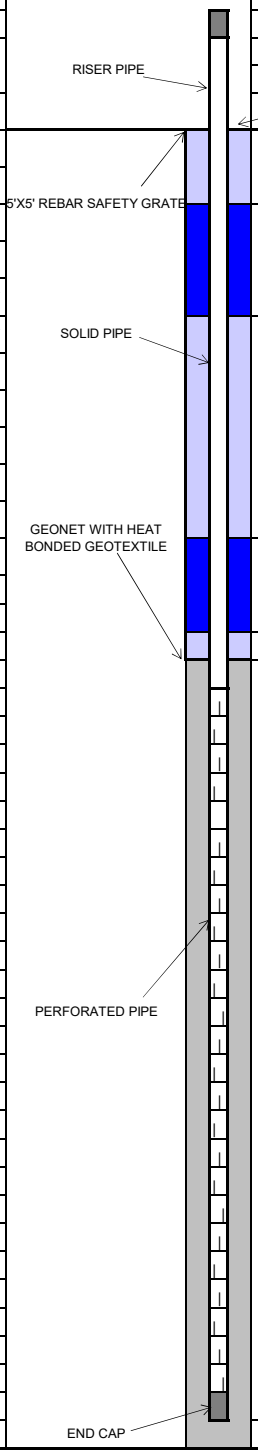
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	07/08/2024
COMPLETION DATE:	07/10/2024
CQA MONITOR:	Charlotte Martindale
CONTRACTOR:	Continuum Environmental Services Ltd.
DRILLER:	Continuum Environmental Services Ltd.
DRILL RIG:	HPM 180+

WELL ID:	CV-24166
COORDINATES:	N: 1,980,807, E: 6,366,621
SURFACE ELEVATION:	1,408
TOP OF CASING ELEVATION:	1,411
WELL CASING MATERIAL:	8-INCH CARBON STEEL
END CAP MATERIAL:	8-INCH CARBON STEEL
TARGET DEPTH:	297 FT
COMPLETION DEPTH:	174 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/WOOD/SOIL/TEXTILE, SOME, DRY
10 TO 20	PLASTIC/WOOD/SOIL/TEXTILE, SOME, DRY
20 TO 30	PLASTIC/WOOD/SOIL, SOME, DRY
30 TO 40	PLASTIC/WOOD/SOIL, SOME, DRY
40 TO 50	PLASTIC/WOOD/SOIL, SOME, DRY
50 TO 60	PLASTIC/WOOD/SOIL/METAL, MODERATE, DRY
60 TO 70	PLASTIC/WOOD/SOIL/METAL, MODERATE, DRY
70 TO 80	PLASTIC/WOOD/SOIL, MODERATE, MOIST
80 TO 90	WOOD/SOIL/PLASTIC, MODERATE, MOIST
90 TO 100	SOIL/PLASTIC, MODERATE, MOIST
100 TO 110	SOIL/PLASTIC, MODERATE, MOIST
110 TO 120	SOIL/PLASTIC/TEXTILE, MODERATE, MOIST
120 TO 130	SOIL/PLASTIC, MODERATE, MOIST
130 TO 140	SOIL/PLASTIC, MODERATE, MOIST
140 TO 150	SOIL, SEVERE, MOIST
150 TO 160	SOIL, SEVERE, WET
160 TO 174	SOIL, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	102
10 TO 20	106
20 TO 30	110
30 TO 40	124
40 TO 50	124
50 TO 60	130
60 TO 70	128
70 TO 80	122
80 TO 90	129
90 TO 100	144
100 TO 110	148
110 TO 120	167
120 TO 130	146
130 TO 140	144
140 TO 150	154
150 TO 160	142
160 TO 174	158



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	142	30 TO 172
ROCK CUSHION	2	172 TO 174
BACKFILL:		
COVER SOIL	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
UPPER SOIL PLUG	19	5 TO 24
LOWER BENTONITE SEAL	2	24 TO 26
LOWER SOIL PLUG	1	26 TO 27
ROCK	147	27 TO 174
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	174	0 TO 174

ETOOLS ID CCV24158

Alias CV-24158

Site Name: CHIQUITA CANYON LANDFILL

Date Installed: 7/11/2024

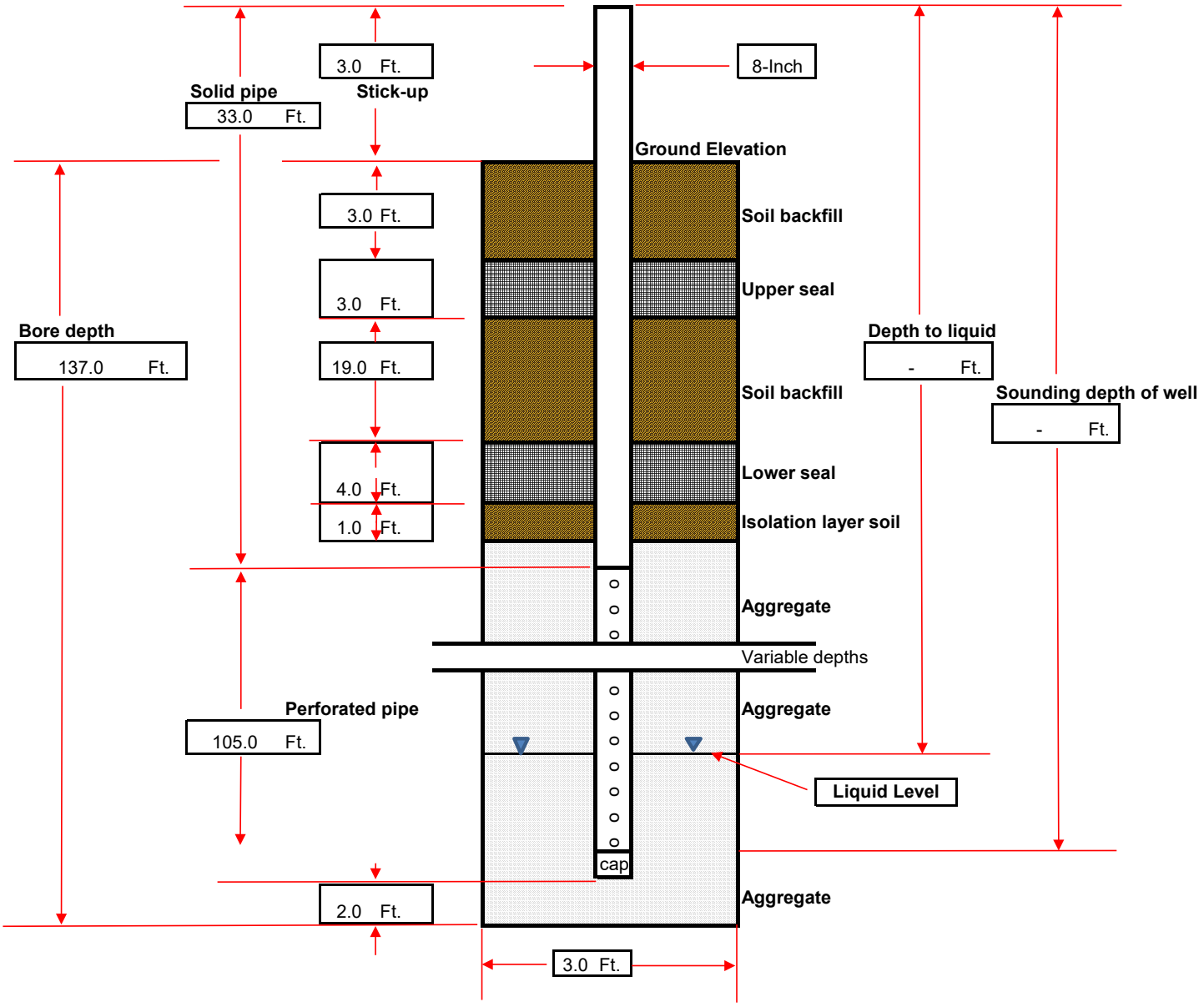
City: CASTAIC State: CA

Installation Contractor: SCS FIELD SERVICES

Pipe Material: CPVC

General Comments:

Coordinates :
Northing: 1980898.136
Easting: 6366575.315
Ground Elevation (MSL): 1406
Notes: Stopped drilling at 137' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24158**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/10/2024 - 7/11-2024		**Bench (Y/N)**	N
Northing:	1980898.136		**Weather:**	Sunny; 70°F-103°F
Easting:	6366575.315		**Start Drill Time:**	8:03:00 AM / 7:32:00 AM
Surface Elevation:	1406		**End Drill Time:**	1:36:00 PM / 10:22:00 AM
Liner Elevation:	1060			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	CPVC			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	105		**Longitude:**	-
Boring depth: (Ft.)	135			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, paper, cardboard, soil	84.0	moderate	moist	
10	**20**	plastic, wood, cardboard	104.0	moderate	moist	
20	**30**	plastic, wood, textile, cardboard	108.0	moderate	moist	
30	**40**	plastic, wood, cardboard, metal, textile	108.0	none to little	dry	
40	**50**	plastic, wood, cardboard, metal	110.0	none to little	dry	
50	**60**	astic, wood, glass, newsprint, paper, textile, cardboa	112.0	none to little	dry	
60	**70**	plastic, wood, cardboard	124.0	none to little	dry	
70	**80**	plastic, wood, cardboard, textile	120.0	moderate	moist	
80	**90**	plastic, wood, paper, cardboard, textile, metal	126.0	moderate	moist	
90	**100**	plastic, wood, metal, paper	128.0	well	free liquids	
100	**110**	plastic, wood, textile, metal	126.0	well	free liquids	
110	**120**	plastic, wood, metal, textile, other	128.0	well	free liquids	
120	**130**	plastic, wood, textile	124.0	well	free liquids	
130	**137**	plastic, wood, metal, textile	130.0	well	free liquids	

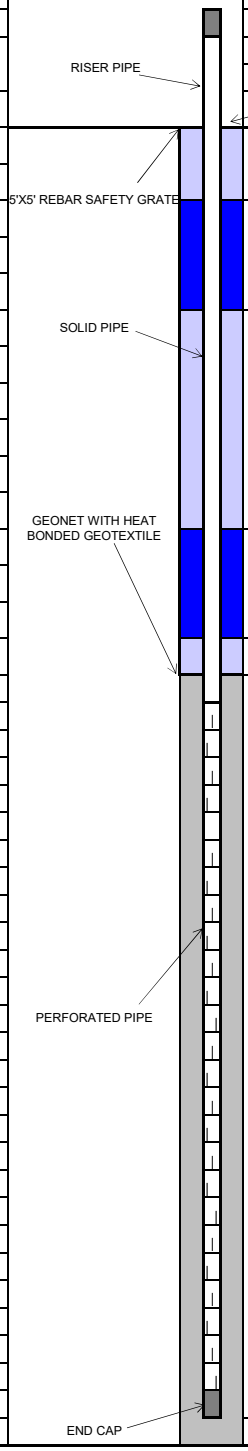
Comments:
Stopped drilling at 137' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24167		
		COORDINATES:	N: 1,980,751, E: 6,366,743		
START DATE:	07/10/2024	SURFACE ELEVATION:	1,406		
COMPLETION DATE:	07/11/2024	TOP OF CASING ELEVATION:	1,408		
CQA MONITOR:	Charlotte Martindale	WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	163 FT		

EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)				
0 TO 10	SOIL/WOOD/PLASTIC, SOME, DRY	GROUND SURFACE	PIPE:		
10 TO 20	SOIL/WOOD/PLASTIC, SOME, DRY	COVER SOIL	RISER STICK UP	2	
20 TO 30	SOIL/WOOD/PLASTIC, SOME, DRY		SOLID PIPE	31	0 TO 31
30 TO 40	SOIL/WOOD/PLASTIC, SOME, DRY	UPPER BENTONITE SEAL	PERFORATED PIPE	130	31 TO 161
40 TO 50	SOIL/WOOD/PLASTIC, SOME, DRY		ROCK CUSHION	2	161 TO 163
50 TO 60	SOIL/WOOD/PLASTIC, MODERATE, DRY				
60 TO 70	SOIL/WOOD/PLASTIC, MODERATE, DRY	UPPER SOIL PLUG	BACKFILL:		
70 TO 80	SOIL/PLASTIC, MODERATE, DRY		COVER SOIL	3	0 TO 3
80 TO 90	SOIL/PLASTIC, MODERATE, DRY		UPPER BENTONITE SEAL	2	3 TO 5
90 TO 100	SOIL/PLASTIC, MODERATE, DRY		UPPER SOIL PLUG	20	5 TO 25
100 TO 110	SOIL, MODERATE, DRY		LOWER BENTONITE SEAL	2	25 TO 27
110 TO 120	SOIL/PLASTIC, MODERATE, DRY		LOWER SOIL PLUG	1	27 TO 28
120 TO 130	SOIL/PLASTIC, MODERATE, DRY	LOWER BENTONITE SEAL	ROCK	135	28 TO 163
130 TO 140	SOIL/PLASTIC, MODERATE, DRY		GEONET INSTALLED	Y	
140 TO 150	SOIL, SEVERE, MOIST				
150 TO 163	SOIL, SEVERE, WET	LOWER SOIL PLUG	BORING DIAMETER:		
			36 INCHES	163	0 TO 163

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	110
10 TO 20	116
20 TO 30	110
30 TO 40	112
40 TO 50	106
50 TO 60	130
60 TO 70	116
70 TO 80	130
80 TO 90	122
90 TO 100	134
100 TO 110	142
110 TO 120	140
120 TO 130	144
130 TO 140	146
140 TO 150	146
150 TO 163	146



ETOOLS ID	Alias	Site Name:	
CCV24156	CV-24156		CHIQUITA CANYON LANDFILL

Date Installed: 7/12/2024

City: CASTAIC State: CA

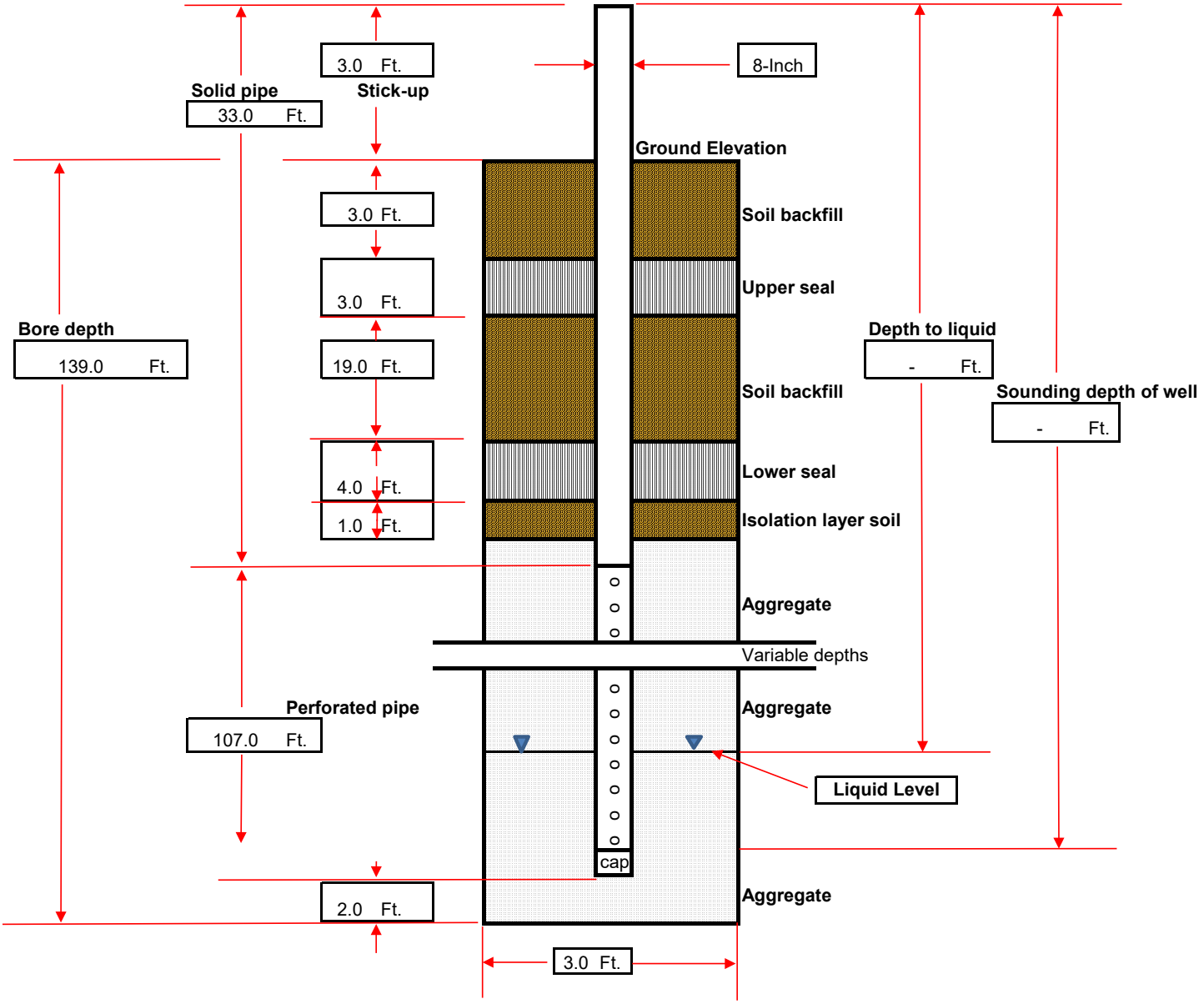
Installation Contractor:

SCS FIELD SERVICES

Pipe Material: CPVC

General Comments:

Coordinates :
Northing: 1980970.084
Easting: 6366382.298
Ground Elevation (MSL): 1402
Notes: Stopped drilling at 139' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**	**Well ID:**	**CV-24156**
Site:	Chiquita Canyon Landfill	**Driller Name:**	SD Drilling
Date:	7/11/2024 - 7/12/2024	**Bench (Y/N)**	N
Northing:	1980970.084	**Weather:**	Sunny; 71°F - 95°F
Easting:	6366382.298	**Start Drill Time:**	2:07:00 PM / 7:30:00 AM
Surface Elevation:	1402	**End Drill Time:**	4:07:00 PM / 11:56:00 AM
Liner Elevation:	1063		
Well Pipe Size: (In.)	8	**Well Seal Type:**	Bentonite Plugs
Well Material:	CPVC		
Solid Pipe: (Ft.)	30 (reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	107	**Longitude:**	-
Boring depth: (Ft.)	139		

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, paper, textile, cardboard	94.0	none to little	dry	
10	**20**	plastic, wood, cardboard, paper, textile	100.0	none to little	dry	
20	**30**	plastic, wood, paper, cardboard, textile, metal	104.0	none to little	dry	
30	**40**	plastic, wood, paper, cardboard, plastic, wood, paper, cardboard	116.0	none to little	dry	
40	**50**	plastic, wood, metal, textile, cardboard	112.0	none to little	dry	
50	**60**	Plastic, wood, textile, metal, cardboard	118.0	none to little	dry	
60	**70**	Plastic, wood, paper, cardboard, textile, Plastic, wood, paper, cardboard	110.0	none to little	dry	
70	**80**	plastic, wood, paper, cardboard, textile	114.0	none to little	dry	
80	**90**	plastic, wood, paper, metal, cardboard, textile	116.0	none to little	dry	
90	**100**	Plastic, wood, metal, paper, textile	116.0	none to little	dry	
100	**110**	plastic, wood, paper, textile, carboard, metal	120.0	moderate	moist	
110	**120**	plastic, wood, metal, textile	136.0	well	free liquids	
120	**130**	plastic, wood, metal, other	138.0	well	free liquids	
130	**139**	plastic, wood	140.0	well	free liquids	

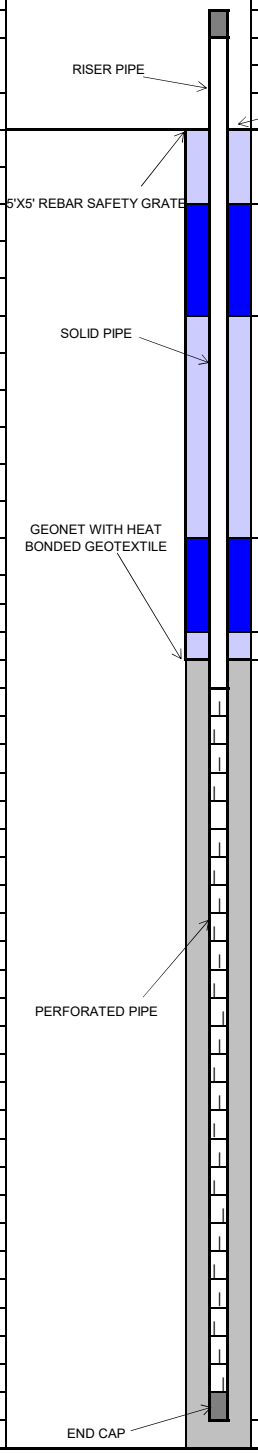
Comments:
Stopped drilling at 139' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24168		
		COORDINATES:	N: 1,980,692, E: 6,366,492		
START DATE:	07/12/2024	SURFACE ELEVATION:	1,404		
COMPLETION DATE:	07/12/2024	TOP OF CASING ELEVATION:	1,407		
CQA MONITOR:	Hope Mack	WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	172 FT		

EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)		PIPE:		
			RISER STICK UP	3	
			SOLID PIPE	30	0 TO 30
0 TO 10	SOIL/PLASTIC, SOME, DRY	GROUND SURFACE	PERFORATED PIPE	140	30 TO 170
10 TO 20	SOIL/PLASTIC, SOME, DRY	COVER SOIL	ROCK CUSHION	2	170 TO 172
20 TO 30	SOIL/PLASTIC/WOOD, MODERATE, DRY				
30 TO 40	SOIL/PLASTIC, MODERATE, DRY	UPPER BENTONITE SEAL	BACKFILL:		
40 TO 50	SOIL/PLASTIC/WOOD, MODERATE, DRY		COVER SOIL	3	0 TO 3
50 TO 60	SOIL/PLASTIC/WOOD, MODERATE, DRY		UPPER BENTONITE SEAL	2	3 TO 5
60 TO 70	SOIL/PLASTIC/WOOD/METAL, MODERATE, DRY	UPPER SOIL PLUG	UPPER SOIL PLUG	19	5 TO 24
70 TO 80	SOIL/PLASTIC, MODERATE, DRY		LOWER BENTONITE SEAL	2	24 TO 26
80 TO 90	SOIL/PLASTIC, MODERATE, DRY		LOWER SOIL PLUG	1	26 TO 27
90 TO 100	SOIL/PLASTIC, MODERATE, DRY		ROCK	145	27 TO 172
100 TO 110	SOIL/PLASTIC, MODERATE, DRY		GEONET INSTALLED	Y	
110 TO 120	SOIL/PLASTIC, MODERATE, MOIST				
120 TO 130	SOIL/PLASTIC/WOOD/METAL, MODERATE, MOIST	LOWER BENTONITE SEAL	BORING DIAMETER:		
130 TO 140	SOIL, SEVERE, WET		36 INCHES	172	0 TO 172
140 TO 150	SOIL, SEVERE, WET				
150 TO 160	SOIL, SEVERE, WET	LOWER SOIL PLUG			
160 TO 172	SOIL, SEVERE, WET				

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	82
10 TO 20	100
20 TO 30	116
30 TO 40	114
40 TO 50	116
50 TO 60	120
60 TO 70	124
70 TO 80	134
80 TO 90	133
90 TO 100	150
100 TO 110	158
110 TO 120	158
120 TO 130	166
130 TO 140	160
140 TO 150	162
150 TO 160	164
160 TO 172	162

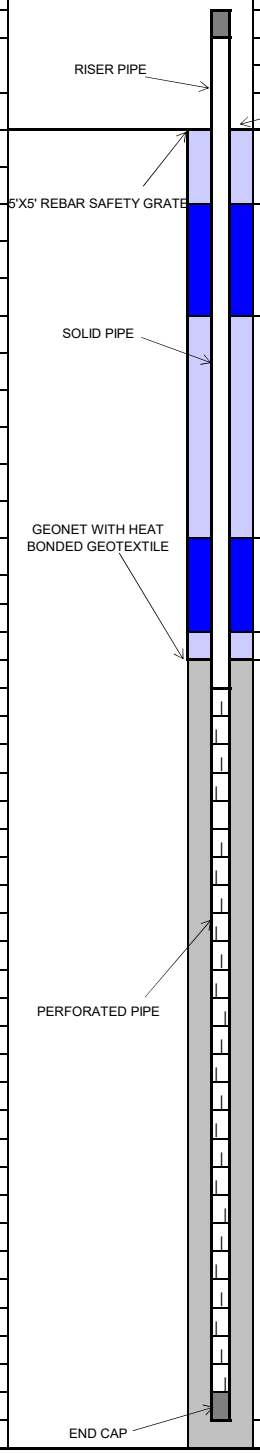


Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24165		
		COORDINATES:	N: 1,980,779, E: 6,366,515		
START DATE:	07/15/2024	SURFACE ELEVATION:	1,406		
COMPLETION DATE:	07/15/2024	TOP OF CASING ELEVATION:	1,409		
CQA MONITOR:	Hope Mack	WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	175 FT		

EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)				
0 TO 10	SOIL/PLASTIC, SOME, DRY	GROUND SURFACE	PIPE:		
10 TO 20	SOIL/PLASTIC, MODERATE, WET	COVER SOIL	RISER STICK UP	3	
20 TO 30	SOIL/PLASTIC, MODERATE, WET		SOLID PIPE	30	0 TO 30
30 TO 40	SOIL/PLASTIC, MODERATE, WET	UPPER BENTONITE SEAL	PERFORATED PIPE	143	30 TO 173
40 TO 50	SOIL/PLASTIC/WOOD, MODERATE, WET		ROCK CUSHION	2	173 TO 175
50 TO 60	SOIL/PLASTIC/WOOD, MODERATE, WET				
60 TO 70	SOIL/PLASTIC, MODERATE, WET	UPPER SOIL PLUG	BACKFILL:		
70 TO 80	SOIL/PLASTIC, MODERATE, WET		COVER SOIL	3	0 TO 3
80 TO 90	SOIL/PLASTIC/WOOD, MODERATE, WET		UPPER BENTONITE SEAL	2	3 TO 5
90 TO 100	SOIL/PLASTIC, MODERATE, WET		UPPER SOIL PLUG	19	5 TO 24
100 TO 110	SOIL, SEVERE, WET		LOWER BENTONITE SEAL	2	24 TO 26
110 TO 120	SOIL, SEVERE, WET		LOWER SOIL PLUG	1	26 TO 27
120 TO 130	SOIL/PLASTIC/WOOD, SEVERE, WET	LOWER BENTONITE SEAL	ROCK	148	27 TO 175
130 TO 140	SOIL, SEVERE, WET		GEONET INSTALLED	Y	
140 TO 150	SOIL/PLASTIC/WOOD, SEVERE, WET				
150 TO 160	SOIL, SEVERE, WET	LOWER SOIL PLUG	BORING DIAMETER:		
160 TO 175	SOIL, SEVERE, WET	ROCK	36 INCHES	175	0 TO 175

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	89
10 TO 20	88
20 TO 30	100
30 TO 40	108
40 TO 50	116
50 TO 60	120
60 TO 70	130
70 TO 80	132
80 TO 90	140
90 TO 100	138
100 TO 110	142
110 TO 120	146
120 TO 130	148
130 TO 140	150
140 TO 150	148
150 TO 160	156
160 TO 175	156



TETRA TECH

ETOOLS ID	Alias	Site Name:	CHIQUITA CANYON LANDFILL
CCV24151	CV-24151		

Date Installed: 7/16/2024

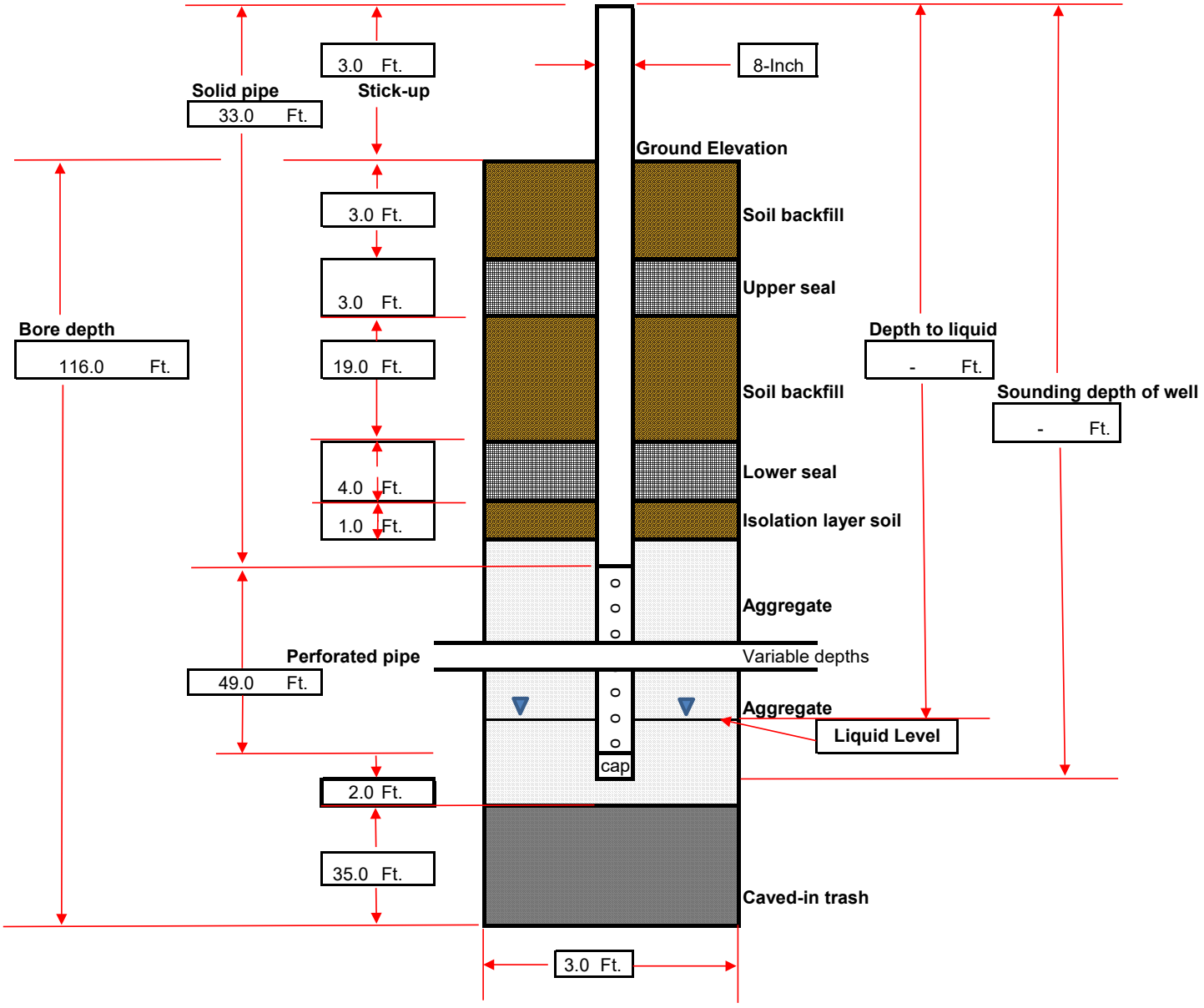
City: CASTAIC State: CA

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: Carbon Steel

General Comments:

Coordinates :
Northing: 1981096.778
Easting: 6366406.555
Ground Elevation (MSL): 1402
Notes: Stopped drilling at 116' bgs due to liquids. A cave-in occurred from 116' bgs to 81' bgs during the well casing installation. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24151**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/15/2024 - 7/16/2024		**Bench (Y/N)**	N
Northing:	1981096.778		**Weather:**	Sunny; 70°F-91°F
Easting:	6366406.555		**Start Drill Time:**	8:39:00 AM / 7:40:00 AM
Surface Elevation:	1402		**End Drill Time:**	11:38:00 AM / 10:40:00 AM
Liner Elevation:	1065			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	Carbon Steel			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	49		**Longitude:**	-
Boring depth: (Ft.)	116			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, textile, cardboard, paper, metal	84.0	none to little	dry	
10	**20**	plastic, wood, metal, paper, cardboard, textile	92.0	none to little	dry	
20	**30**	plastic, wood, paper, cardboard, metal	96.0	none to little	dry	
30	**40**	plastic, wood, paper, textile	98.0	none to little	dry	
40	**50**	plastic, wood, cardboard, paper, textile, metal	112.0	none to little	dry	
50	**60**	plastic, wood, textile, metal	108.0	none to little	dry	
60	**70**	plastic, wood, textile, metal, paper	122.0	moderate	moist	
70	**80**	plastic, wood, metal, textile	124.0	well	free liquids	
80	**90**	plastic, wood, metal	124.0	well	free liquids	
90	**100**	plastic, wood, metal, textile	120.0	well	free liquids	
100	**110**	plastic, wood, textile	122.0	well	free liquids	
110	**116**	plastic, wood	124.0	well	free liquids	

Comments:
Stopped drilling at 116' bgs due to liquids. A cave-in occurred from 116' bgs to 81' bgs during the well casing installation. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

ETOOLS ID	Alias	Site Name:	CHIQUITA CANYON LANDFILL
CCV24152	CV-24152		

Date Installed: 7/17/2024

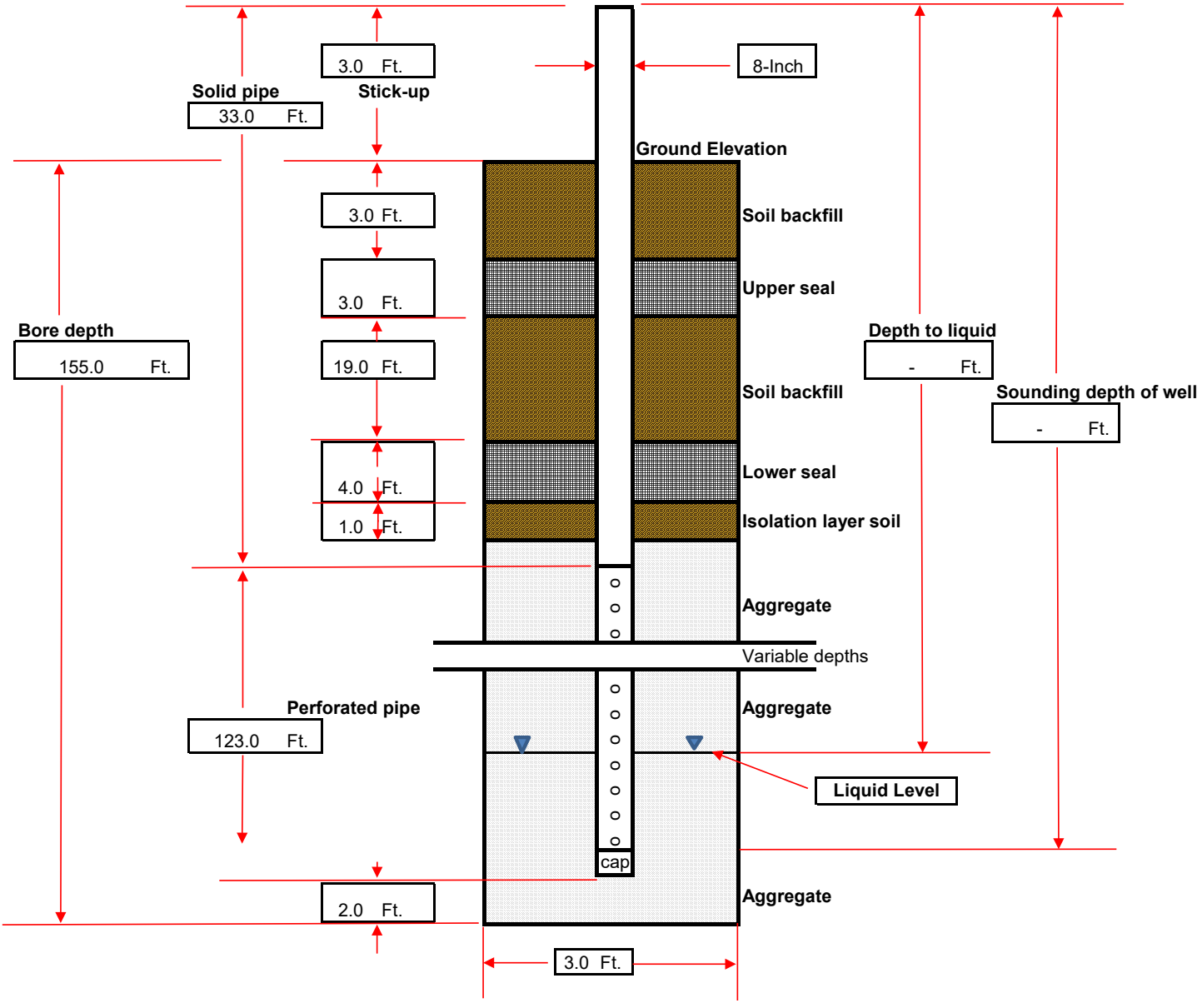
City: CASTAIC State: CA

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: CPVC

General Comments:

Coordinates :
Northing: 1981101.876
Easting: 6366561.228
Ground Elevation (MSL): 1407
Notes: Stopped drilling at 155' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24152**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/16/2024 - 7/17/2024		**Bench (Y/N)**	N
Northing:	1981101.876		**Weather:**	Sunny; 71°F-96°F
Easting:	6366561.228		**Start Drill Time:**	3:00:00 PM / 7:45:00 AM
Surface Elevation:	1407		**End Drill Time:**	4:30:00 PM / 1:35:00 PM
Liner Elevation:	1065			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	CPVC			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	123		**Longitude:**	-
Boring depth: (Ft.)	155			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, textilcard,board, paper, metal,	94.0	none to little	dry	
10	**20**	plastic, wood, textile, cardboard, paper	98.0	none to little	dry	
20	**30**	plastic, wood, cardobard, metal, paper	102.0	none to little	dry	
30	**40**	plastic, wood, cardboard, metal, paper, rubber	102.0	none to little	dry	
40	**50**	plastic, wood, cardboard, paper,	104.0	none to little	dry	
50	**60**	plastic, wood, textile, rubber, metal, paper	106.0	none to little	dry	
60	**70**	Plastic, wood, paper, textile	106.0	moderate	moist	
70	**80**	plastic, wood, paper, textile, cardboard	118.0	moderate	moist	
80	**90**	plastic, wood, metal	122.0	well	free liquids	
90	**100**	Plastic, wood, textile, metal	124.0	well	free liquids	
100	**110**	plastic, wood, metal, textile	132.0	well	free liquids	
110	**120**	plastic, wood, metal	134.0	well	free liquids	
120	**130**	Plastic, wood, metal, textile	134.0	well	free liquids	
130	**140**	plastic, wood, paper	136.0	well	free liquids	
140	**150**	plastic, wood, textile, cardboard, paper	140.0	well	free liquids	
150	**155**	plastic, wood, textile,	138.0	well	free liquids	

Comments:
Stopped drilling at 155' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

Tetra Tech, BAS Inc.

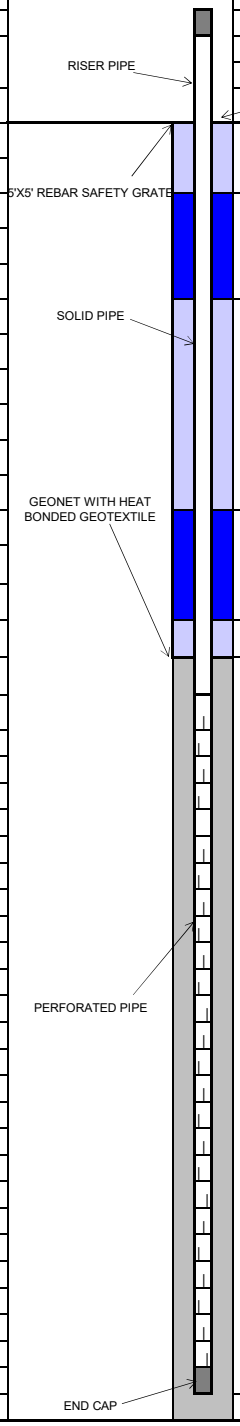
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	07/16/2024
COMPLETION DATE:	07/17/2024
CQA MONITOR:	Hope Mack
CONTRACTOR:	Continuum Environmental Services Ltd.
DRILLER:	Continuum Environmental Services Ltd.
DRILL RIG:	HPM 180+

WELL ID:	CV-24207
COORDINATES:	N: 1,980,690, E: 6,366,609
SURFACE ELEVATION:	1,405
TOP OF CASING ELEVATION:	1,408
WELL CASING MATERIAL:	8-INCH CARBON STEEL
END CAP MATERIAL:	8-INCH CARBON STEEL
TARGET DEPTH:	297 FT
COMPLETION DEPTH:	187 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	SOIL/PLASTIC, SOME, DRY
10 TO 20	SOIL/PLASTIC, SOME, DRY
20 TO 30	SOIL/PLASTIC, SOME, DRY
30 TO 40	SOIL/PLASTIC/WOOD, SOME, DRY
40 TO 50	SOIL/PLASTIC, SOME, DRY
50 TO 60	SOIL/PLASTIC, MODERATE, DRY
60 TO 70	SOIL/PLASTIC, MODERATE, DRY
70 TO 80	SOIL/PLASTIC, MODERATE, MOIST
80 TO 90	SOIL/PLASTIC, MODERATE, MOIST
90 TO 100	SOIL/PLASTIC, MODERATE, MOIST
100 TO 110	SOIL/PLASTIC, MODERATE, MOIST
110 TO 120	SOIL/PLASTIC, MODERATE, MOIST
120 TO 130	SOIL/PLASTIC, MODERATE, MOIST
130 TO 140	SOIL/PLASTIC, SEVERE, MOIST
140 TO 150	SOIL/PLASTIC, SEVERE, WET
150 TO 160	SOIL/PLASTIC, SEVERE, WET
160 TO 170	SOIL/PLASTIC, SEVERE, WET
170 TO 187	SOIL/PLASTIC, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	88
10 TO 20	106
20 TO 30	110
30 TO 40	112
40 TO 50	118
50 TO 60	112
60 TO 70	118
70 TO 80	122
80 TO 90	128
90 TO 100	134
100 TO 110	136
110 TO 120	142
120 TO 130	146
130 TO 140	146
140 TO 150	148
150 TO 160	146
160 TO 170	148
170 TO 187	148



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	155	30 TO 185
ROCK CUSHION	2	185 TO 187
BACKFILL:		
COVER SOIL	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
UPPER SOIL PLUG	19	5 TO 24
LOWER BENTONITE SEAL	2	24 TO 26
LOWER SOIL PLUG	1	26 TO 27
ROCK	160	27 TO 187
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	187	0 TO 187

ETOOLS ID	Alias	Site Name:	CHIQUITA CANYON LANDFILL
CCV24155	CV-24155		

Date Installed: 7/19/2024

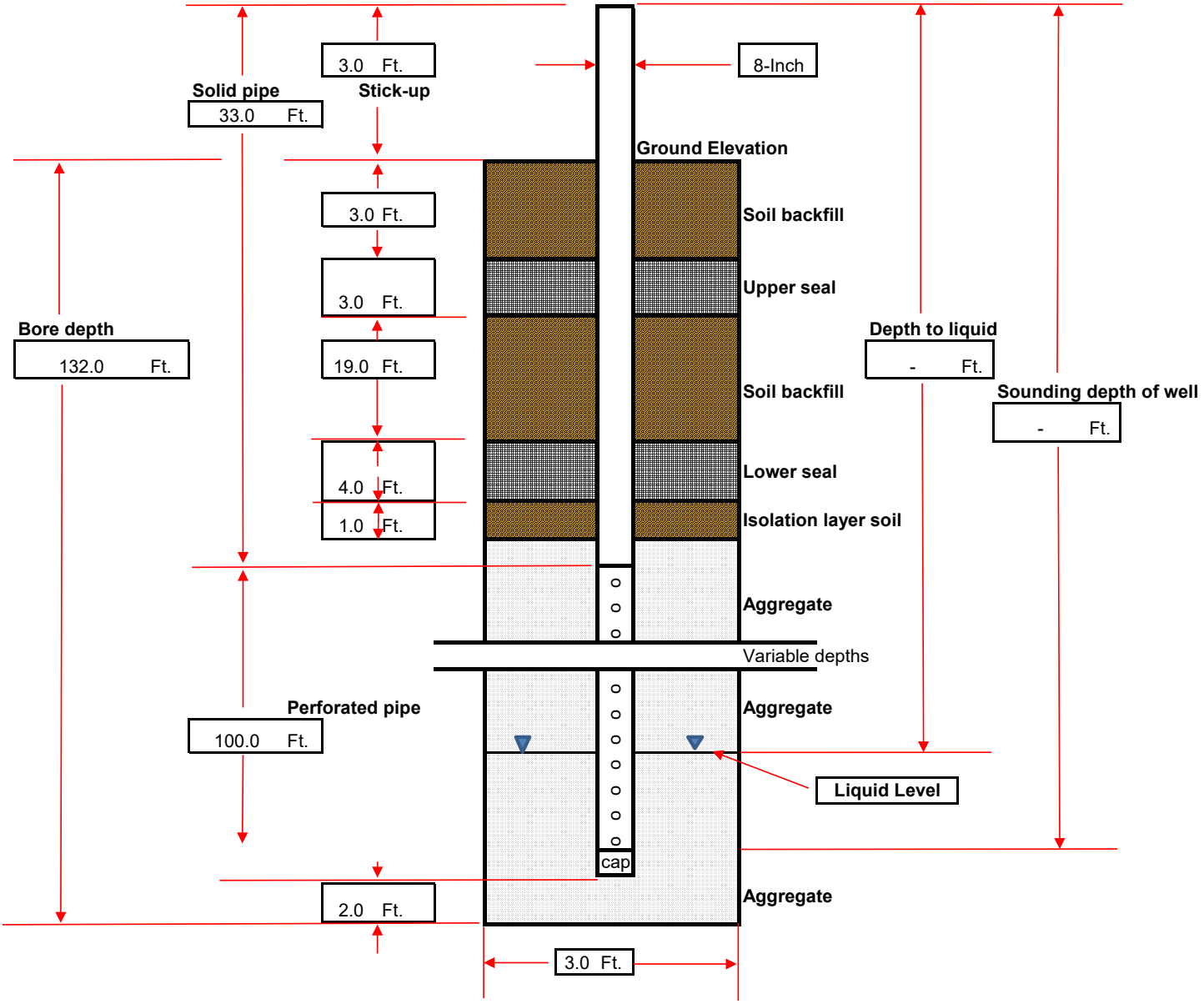
City: CASTAIC State: CA

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: Carbon Steel

General Comments:

Coordinates :
Northing: 1981046.837
Easting: 6366677.728
Ground Elevation (MSL): 1406
Notes: Stopped drilling at 132' bgs due to liquids.The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24155**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/18/2024 - 7/19/2024		**Bench (Y/N)**	N
Northing:	1981046.837		**Weather:**	Sunny; 74°F-100°F
Easting:	6366677.728		**Start Drill Time:**	7:39:00 AM / 7:28:00 AM
Surface Elevation:	1405		**End Drill Time:**	1:52:00 PM / 10:41:00 AM
Liner Elevation:	1064			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	Carbon Steel			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	100		**Longitude:**	-
Boring depth: (Ft.)	132			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, metal, textile, paper	88.0	none to little	dry	
10	**20**	plastic, wood, cardboard, paper	92.0	none to little	dry	
20	**30**	plastic, wood, rubber, textile, paper,	108.0	none to little	dry	
30	**40**	plastic, paper, cardboard, metal	122.0	none to little	dry	
40	**50**	Plastic, wood, metal,cardboard, paper	122.0	none to little	dry	
50	**60**	plastic, wood, paper, cardboard, metal	124.0	none to little	dry	
60	**70**	plastic, wood, soil, cardboard, paper	126.0	none to little	dry	
70	**80**	plastic, wood, cardboard, textile, paper	134.0	none to little	dry	
80	**90**	plastic, wood, paper, caardboard	136.0	moderate	moist	
90	**100**	plastic, paper, cardboard, textile	138.0	moderate	moist	
100	**110**	plastic, wood, metal	140.0	well	free liquids	
110	**120**	plastic, wood, textile, cardboard	148.0	well	free liquids	
120	**132**	plasic, wood, cardboard	152.0	well	free liquids	

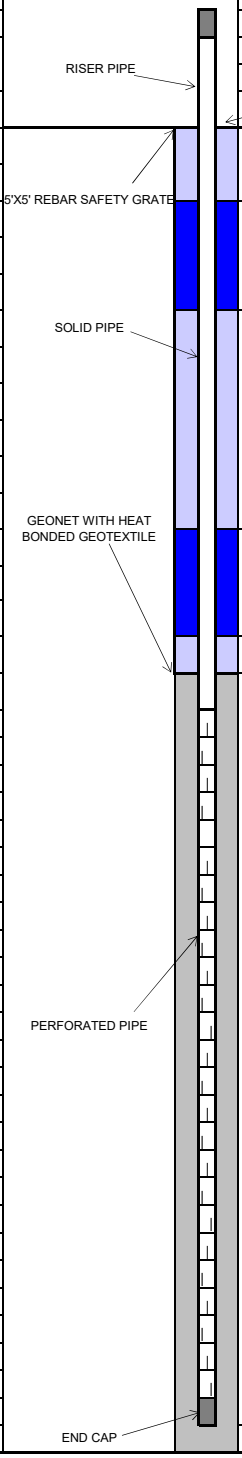
Comments:
Stopped drilling at 132' bgs due to liquids. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24171		
		COORDINATES:	N: 1,980,642, E: 6,366,699		
START DATE:	07/18/2024	SURFACE ELEVATION:	1,404		
COMPLETION DATE:	07/19/2024	TOP OF CASING ELEVATION:	1,407		
CQA MONITOR:	Hope Mack	WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	178 FT		

EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)		PIPE:		
0 TO 10	SOIL/PLASTIC, SOME, DRY	RISER PIPE	RISER STICK UP	3	
10 TO 20	SOIL/PLASTIC, SOME, DRY	GROUND SURFACE	SOLID PIPE	30	0 TO 30
20 TO 30	SOIL/PLASTIC, SOME, DRY	COVER SOIL	PERFORATED PIPE	146	30 TO 176
30 TO 40	SOIL/PLASTIC, SOME, DRY	5'X5' REBAR SAFETY GRATE	ROCK CUSHION	2	176 TO 178
40 TO 50	SOIL/PLASTIC, SOME, DRY	UPPER BENTONITE SEAL	BACKFILL:		
50 TO 60	SOIL/PLASTIC, SOME, DRY		COVER SOIL	3	0 TO 3
60 TO 70	SOIL/PLASTIC, SOME, DRY	SOLID PIPE	UPPER BENTONITE SEAL	2	3 TO 5
70 TO 80	SOIL/PLASTIC, MODERATE, DRY	UPPER SOIL PLUG	UPPER SOIL PLUG	19	5 TO 24
80 TO 90	SOIL/PLASTIC, MODERATE, DRY		LOWER BENTONITE SEAL	2	24 TO 26
90 TO 100	SOIL/PLASTIC, MODERATE, DRY		LOWER SOIL PLUG	1	26 TO 27
100 TO 110	SOIL/PLASTIC, MODERATE, DRY		ROCK	151	27 TO 178
110 TO 120	SOIL/PLASTIC, MODERATE, DRY	GEONET WITH HEAT BONDED GEOTEXTILE	GEONET INSTALLED	Y	
120 TO 130	SOIL/PLASTIC, MODERATE, DRY	LOWER BENTONITE SEAL	BORING DIAMETER:		
130 TO 140	SOIL, MODERATE, DRY		36 INCHES	178	0 TO 178
140 TO 150	SOIL/PLASTIC, MODERATE, DRY	LOWER SOIL PLUG			
150 TO 160	SOIL, SEVERE, DRY				
160 TO 178	SOIL, SEVERE, MOIST	ROCK			

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	96
10 TO 20	92
20 TO 30	96
30 TO 40	110
40 TO 50	112
50 TO 60	110
60 TO 70	124
70 TO 80	120
80 TO 90	124
90 TO 100	126
100 TO 110	134
110 TO 120	134
120 TO 130	130
130 TO 140	132
140 TO 150	134
150 TO 160	138
160 TO 178	140



ETOOLS ID	Alias	Site Name:	CHIQUITA CANYON LANDFILL
CCV24149	CV-24149		

Date Installed: 7/24/2024

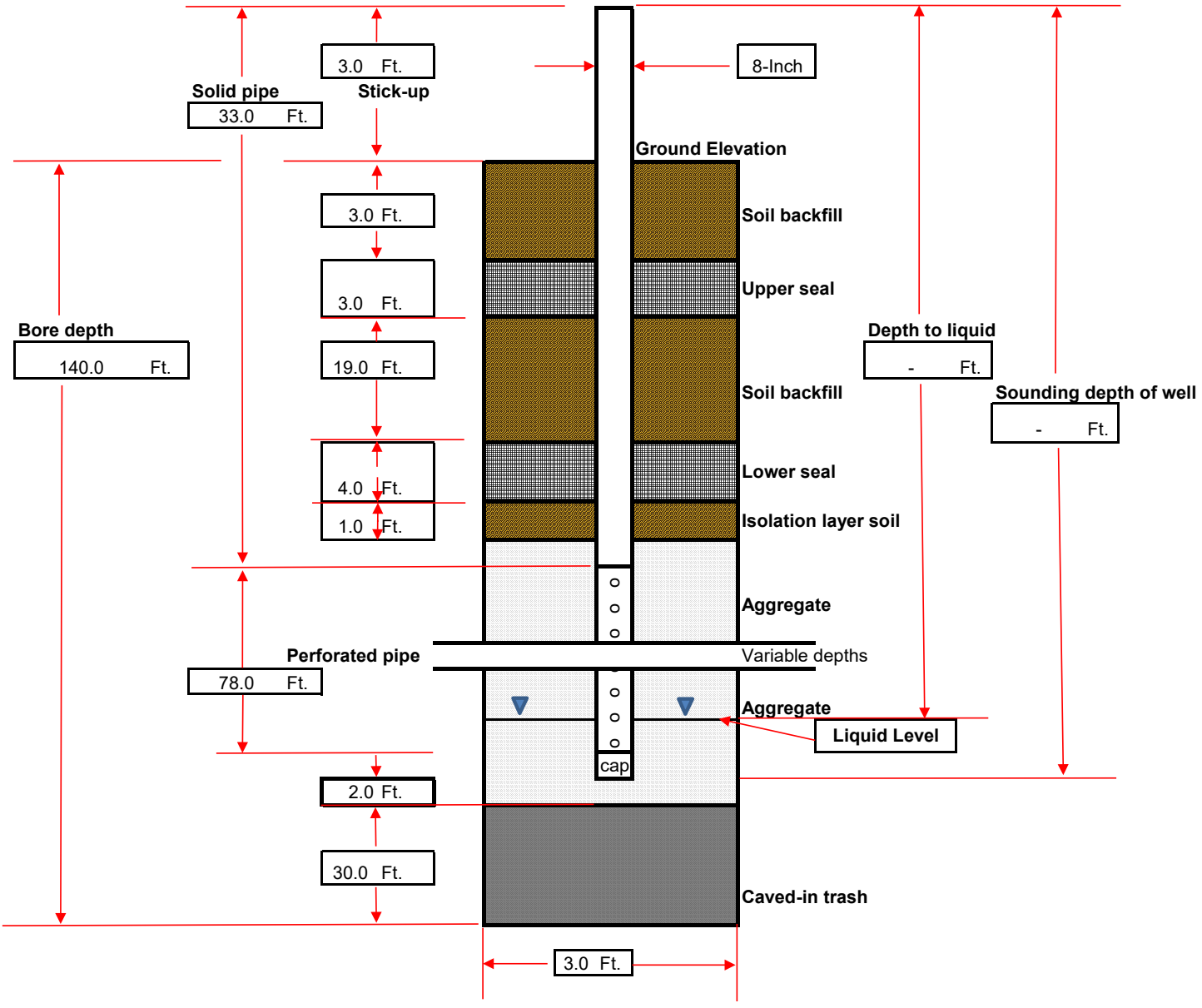
City: CASTAIC State: CA

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: CPVC

General Comments:

Coordinates :
Northing: 1981229.583
Easting: 6366601.509
Ground Elevation (MSL): 1408
Notes: A cave in occurred from 140' bgs to 110' bgs due to liquids. Decision was made to set the well casing to mitigate further cave ins. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24149**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/22/2024 - 7/24/2024		**Bench (Y/N)**	N
Northing:	1981229.583		**Weather:**	Sunny; 79°F-100°F
Easting:	6366601.509		**Start Drill Time:**	8:30:00 AM / 8:00:00 AM / 8:00:00 AM
Surface Elevation:	1408		**End Drill Time:**	1:50:00 PM / 10:00:00 AM / 11:36:00 AM
Liner Elevation:	1067			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	CPVC			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	78		**Longitude:**	-
Boring depth: (Ft.)	140			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, paper, textile	90.0	none to little	dry	
10	**20**	palstic, wood, paper	92.0	none to little	dry	
20	**30**	plastic, wood, cardboard, textile metal	98.0	none to little	dry	
30	**40**	plastic, wood, paper, metal, cardboard	104.0	none to little	dry	
40	**50**	plastic, wood, textile, cardboard, paper	110.0	none to little	dry	
50	**60**	plastic, wood, paper, textile, cardboard, metal	112.0	none to little	dry	
60	**70**	plastic, wood, cardboard, textile, metal	122.0	none to little	dry	
70	**80**	plasitc, cardboard, soil	124.0	none to little	dry	
80	**90**	plastic, wood, paper, cardboard	126.0	none to little	dry	
90	**100**	plastic, wood, paper	128.0	moderate	moist	
100	**110**	plastic, wood, textile	132.0	well	free liquids	
110	**120**	plastic, wood, metal	132.0	well	free liquids	
120	**130**	plastic, wood	134.0	well	free liquids	
130	**140**	plastic, cardboard, wood,	138.0	well	free liquids	

Comments:
A cave in occurred from 140' bgs to 110' bgs due to liquids. Decision was made to set the well casing to mitigate further cave ins. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

Tetra Tech, BAS Inc.

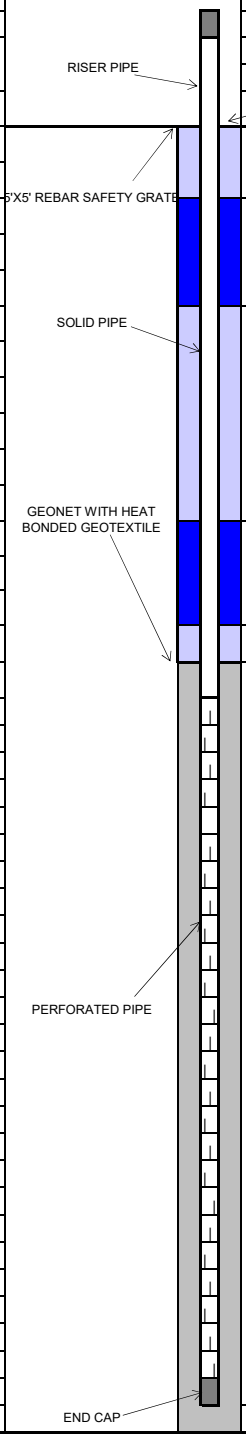
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	07/22/2024
COMPLETION DATE:	07/24/2024
CQA MONITOR:	Hope Mack
CONTRACTOR:	Continuum Environmental Services Ltd.
DRILLER:	Continuum Environmental Services Ltd.
DRILL RIG:	HPM 180+

WELL ID:	CV-24173
COORDINATES:	N: 1,980,546, E: 6,366,389
SURFACE ELEVATION:	1,399
TOP OF CASING ELEVATION:	1,402
WELL CASING MATERIAL:	8-INCH CPVC
END CAP MATERIAL:	8-INCH CPVC
TARGET DEPTH:	297 FT
COMPLETION DEPTH:	166 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	SOIL/PLASTIC, SOME, DRY
10 TO 20	SOIL/PLASTIC, SOME, DRY
20 TO 30	SOIL/PLASTIC/WOOD, SOME, DRY
30 TO 40	SOIL/PLASTIC, SOME, DRY
40 TO 50	SOIL/PLASTIC/WOOD, SOME, DRY
50 TO 60	SOIL/PLASTIC/WOOD, SOME, DRY
60 TO 70	SOIL/PLASTIC, SOME, DRY
70 TO 80	SOIL/PLASTIC, SOME, DRY
80 TO 90	SOIL/PLASTIC, SOME, DRY
90 TO 100	SOIL/PLASTIC, SOME, DRY
100 TO 110	SOIL/PLASTIC, SOME, DRY
110 TO 120	SOIL/PLASTIC, SOME, DRY
120 TO 130	SOIL/PLASTIC, MODERATE, DRY
130 TO 140	SOIL/PLASTIC/WOOD, MODERATE, DRY
140 TO 150	SOIL/PLASTIC, SEVERE, WET
150 TO 166	SOIL, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	98
10 TO 20	100
20 TO 30	102
30 TO 40	114
40 TO 50	114
50 TO 60	120
60 TO 70	122
70 TO 80	124
80 TO 90	126
90 TO 100	124
100 TO 110	126
110 TO 120	136
120 TO 130	136
130 TO 140	138
140 TO 150	142
150 TO 166	144



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	134	30 TO 164
ROCK CUSHION	2	164 TO 166
BACKFILL:		
COVER SOIL	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
UPPER SOIL PLUG	19	5 TO 24
LOWER BENTONITE SEAL	2	24 TO 26
LOWER SOIL PLUG	1	26 TO 27
ROCK	139	27 TO 166
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	166	0 TO 166

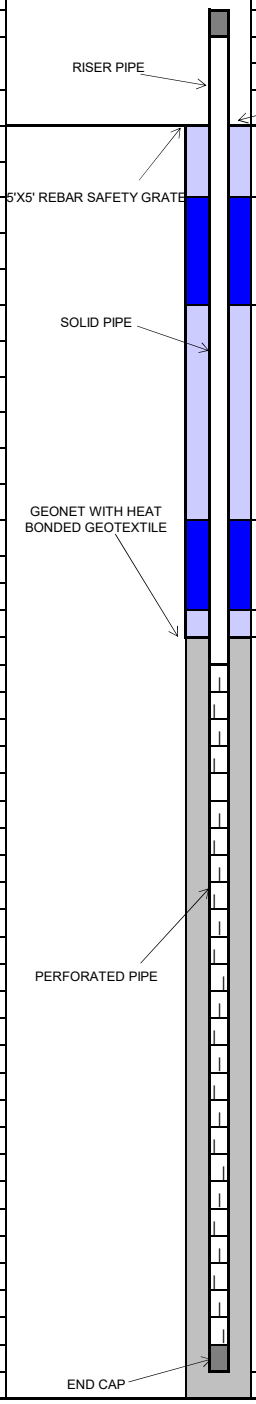
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-2468		
		COORDINATES:	N: 1,980,683, E: 6,365,892		
START DATE:	07/24/2024	SURFACE ELEVATION:	1,377		
COMPLETION DATE:	07/25/2024	TOP OF CASING ELEVATION:	1,382		
CQA MONITOR:	Hope Mack	WELL CASING MATERIAL:	8-INCH CARBON STEEL		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CARBON STEEL		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	292 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	170 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	SOIL/PLASTIC/WOOD, SOME, DRY
10 TO 20	SOIL/PLASTIC/WOOD, SOME, DRY
20 TO 30	SOIL/PLASTIC/WOOD, SOME, DRY
30 TO 40	SOIL/PLASTIC/WOOD, SOME, DRY
40 TO 50	SOIL/PLASTIC/WOOD, SOME, DRY
50 TO 60	SOIL/PLASTIC/WOOD, SOME, DRY
60 TO 70	SOIL/PLASTIC, MILD, DRY
70 TO 80	SOIL/PLASTIC, MILD, DRY
80 TO 90	SOIL/PLASTIC, MILD, DRY
90 TO 100	SOIL/PLASTIC, MILD, DRY
100 TO 110	SOIL/PLASTIC/WOOD, MODERATE, DRY
110 TO 120	SOIL/PLASTIC/WOOD, MODERATE, DRY
120 TO 130	SOIL/PLASTIC, SEVERE, MOIST
130 TO 140	SOIL/PLASTIC, SEVERE, WET
140 TO 150	SOIL/PLASTIC, SEVERE, WET
150 TO 160	SOIL, SEVERE, WET
160 TO 170	SOIL, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	100
10 TO 20	108
20 TO 30	110
30 TO 40	128
40 TO 50	116
50 TO 60	115
60 TO 70	123
70 TO 80	129
80 TO 90	130
90 TO 100	134
100 TO 110	134
110 TO 120	152
120 TO 130	154
130 TO 140	156
140 TO 150	160
150 TO 160	158
160 TO 170	158



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	5	
SOLID PIPE	28	0 TO 28
PERFORATED PIPE	140	28 TO 168
ROCK CUSHION	2	168 TO 170
BACKFILL:		
COVER SOIL	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
UPPER SOIL PLUG	17	5 TO 22
LOWER BENTONITE SEAL	2	22 TO 24
LOWER SOIL PLUG	1	24 TO 25
ROCK	145	25 TO 170
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	170	0 TO 170

ETOOLS ID: CCV24148

Alias: CV-24148

Site Name: **CHIQUITA CANYON LANDFILL**

Date Installed: **7/30/2024**

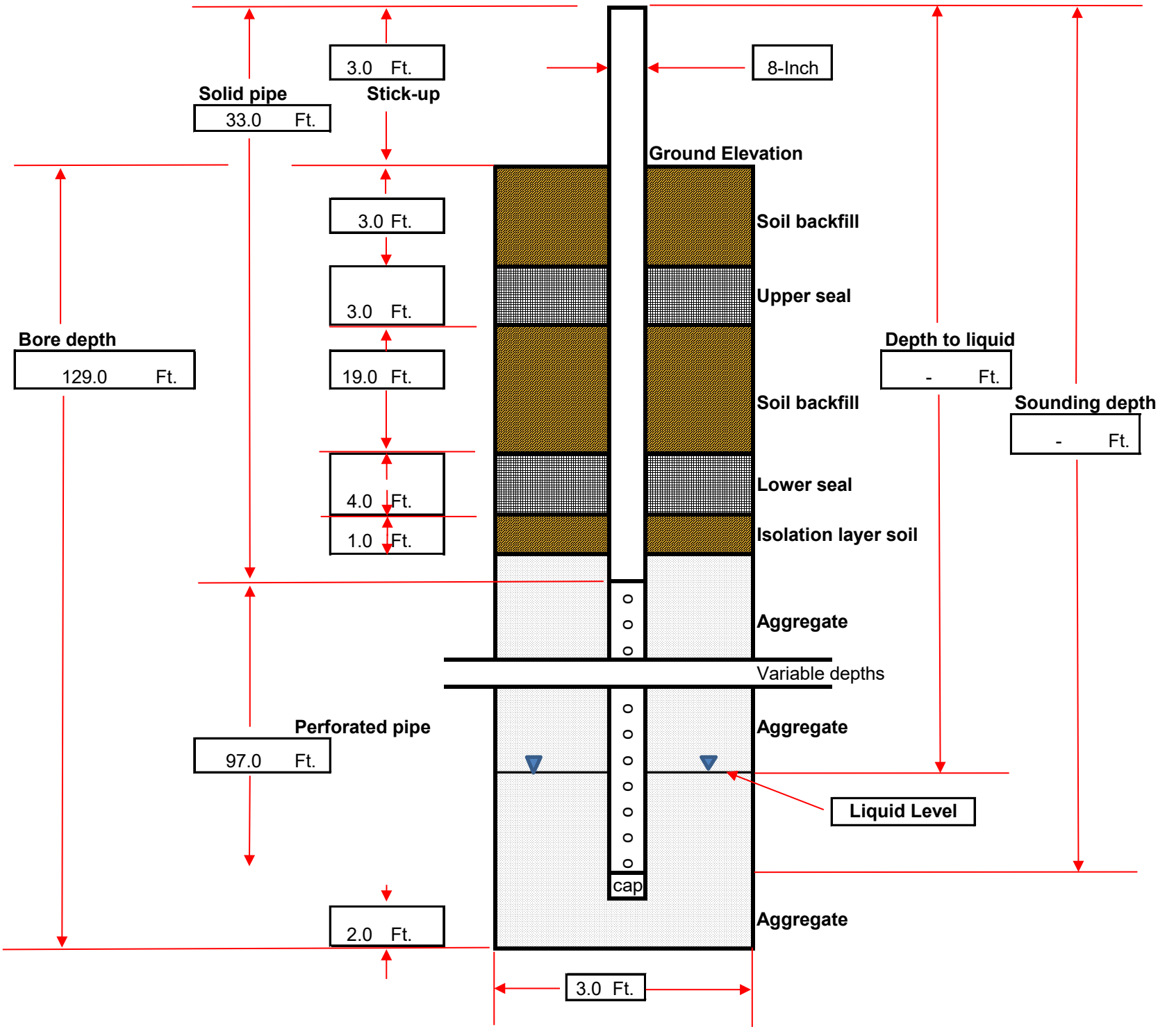
City: **CASTAIC** State: **CA**

Installation Contractor: **SCS FIELD SERVICES**

Pipe Material: Carbon Steel

General Comments:

Coordinates :
Northing: 1981337.709
Easting: 6366697.674
Ground Elevation (MSL): 1411
Notes: Stopped drilling at 129' bgs due to liquids. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**		**Well ID:**	**CV-24148**
Site:	Chiquita Canyon Landfill		**Driller Name:**	SD Drilling
Date:	7/29/2024 - 7/30/2024		**Bench (Y/N)**	N
Northing:	1981337.709		**Weather:**	Sunny; 62°F-91°F
Easting:	6366697.674		**Start Drill Time:**	7:45:00 AM / 7:50:00 AM
Surface Elevation:	1411		**End Drill Time:**	11:57:00 AM / 11:50:00 AM
Liner Elevation:	1068			
Well Pipe Size: (In.)	8		**Well Seal Type:**	Bentonite Plugs
Well Material:	Carbon Steel			
Solid Pipe: (Ft.)	30	(reference from top of ground surface)	**Latitude:**	34.43506514
Perforated Pipe: (Ft.)	97		**Longitude:**	-118.6466116
Boring depth: (Ft.)	129			

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, textile, paper, metal	84.0	none to little	dry	
10	**20**	Plastic, wood, cardboard, paper, textile	90.0	none to little	dry	
20	**30**	plastic, wood, rubber, cardboard, textile	94.0	none to little	dry	
30	**40**	plastic, wood, rubber, textile, metal, cardboard	98.0	none to little	dry	
40	**50**	plastic, wood, metal, paper, cardboard	106.0	none to little	dry	
50	**60**	plastic, cardboard, wood, textile, paper	110.0	none to little	dry	
60	**70**	Plastic, wood, cardboard, paper	118.0	none to little	dry	
70	**80**	plastic, paper, wood, cardboard, textile	122.0	none to little	dry	
80	**90**	plastic, soil, wood, metal, cardboard	128.0	none to little	dry	
90	**100**	plastic, wood, cardboard, metal, textile	128.0	none to little	dry	
100	**110**	plastic, wood, soil, metal	136.0	moderate	moist	
110	**120**	plastic, wood, metal, paper	146.0	well	free liquids	
120	**129**	plastic, wood, textile, cardboard	148.0	well	free liquids	
129	-	plastic, wood, textile, metal, cardboard	148.0	well	free liquids	

Comments:
Stopped drilling at 129' bgs due to liquids. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

ETOOLS ID: CCV24054

Alias: CV-2454

Site Name: **CHIQUITA CANYON LANDFILL**

Date Installed: **7/26/2024**

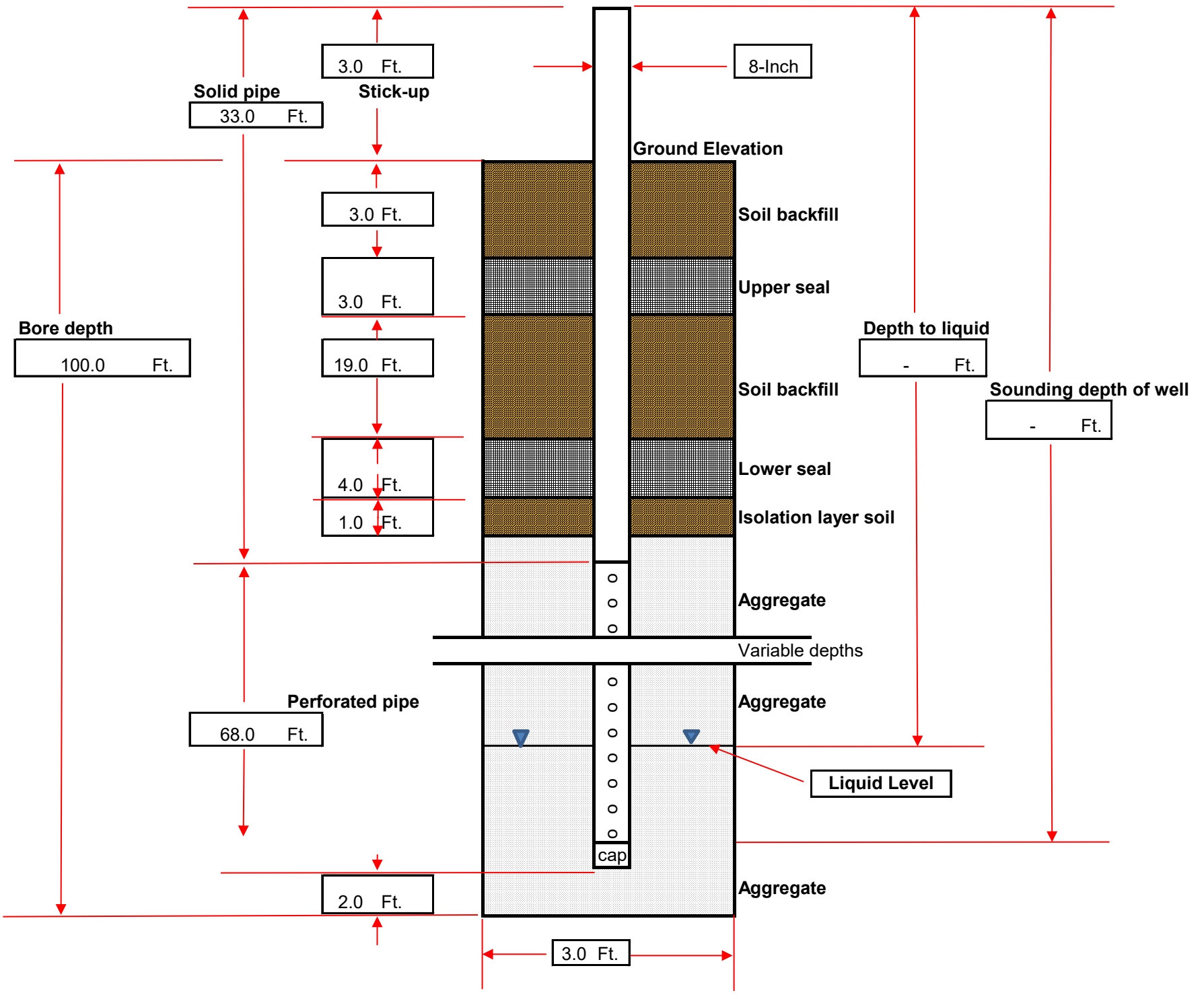
City: **CASTAIC** State: **CA**

Installation Contractor:
SCS FIELD SERVICES

Pipe Material: CPVC

General Comments:

Coordinates :
Northing: 1981543.821
Easting: 6366544.547
Ground Elevation (MSL): 1402
Notes: Stopped drilling at 100' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures. The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.

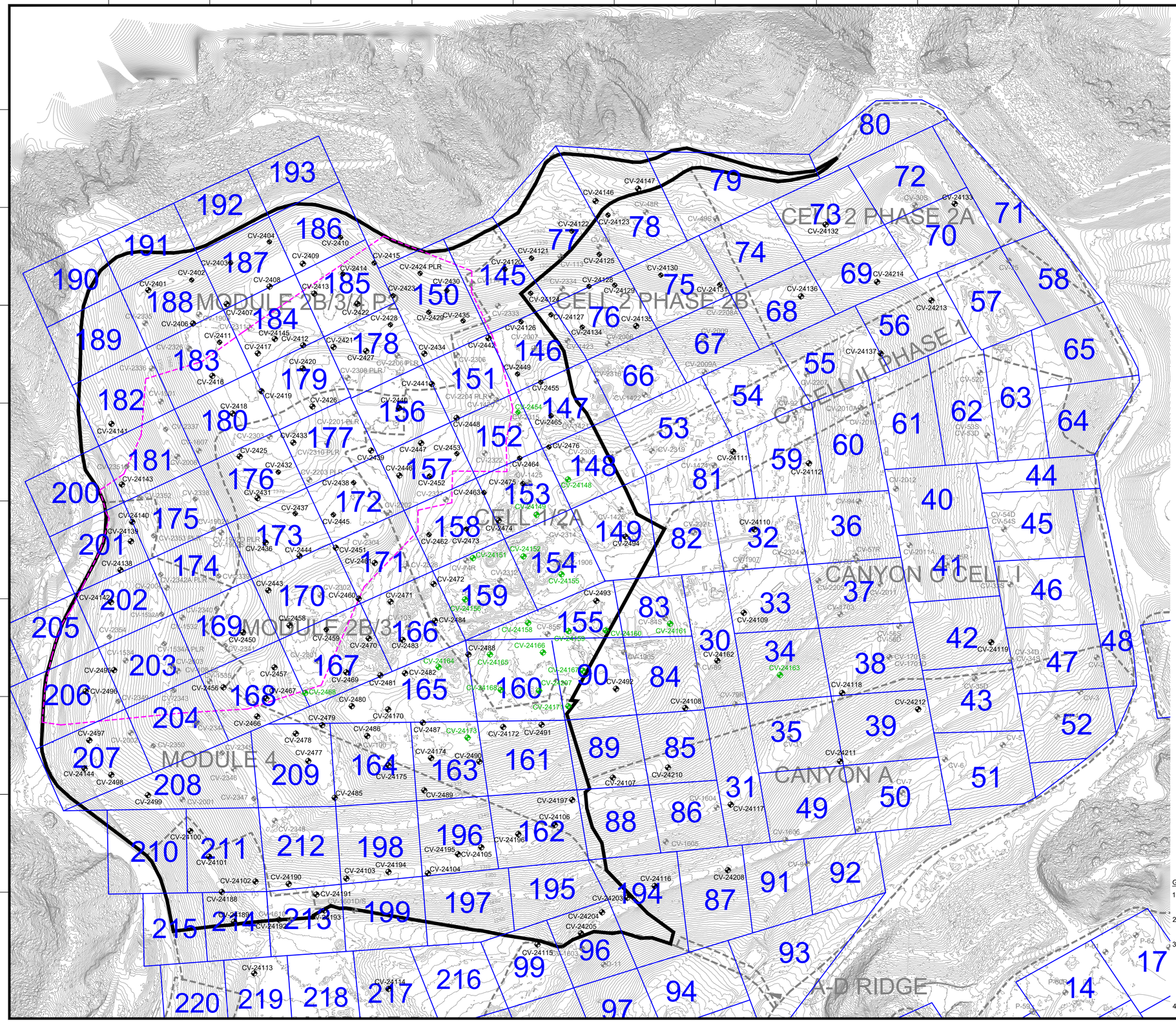


DRILLING LOG

Record Prepared By:	**Jeanine Pellegrino**	**Well ID:**	**CV-2454**
Site:	Chiquita Canyon Landfill	**Driller Name:**	SD Drilling
Date:	7/25/2024 - 7/26/2024	**Bench (Y/N)**	N
Northing:	1981543.821	**Weather:**	Sunny; 73°F-96°F
Easting:	6366544.547	**Start Drill Time:**	9:30:00 AM / 7:49:00 AM
Surface Elevation:	1402	**End Drill Time:**	12:14:00 PM / 10:45:00 AM
Liner Elevation:	1098		
Well Pipe Size: (In.)	8	**Well Seal Type:**	Bentonite Plugs
Well Material:	CPVC		
Solid Pipe: (Ft.)	30 (reference from top of ground surface)	**Latitude:**	-
Perforated Pipe: (Ft.)	68	**Longitude:**	-
Boring depth: (Ft.)	100		

Starting Depth	Ending Depth	Composition	Temp (F)	Degree of Decomposition	Amount of Moisture	Comments
0	**10**	plastic, wood, metal, ardboard, textile, paper	98.0	none to little	dry	
10	**20**	plastic, wood, metal, cardboard, textile	98.0	none to little	dry	
20	**30**	plastic, wood, metal paper, cardboard	104.0	none to little	dry	
30	**40**	plastic, wood, metal, paper, cardboard	122.0	none to little	dry	
40	**50**	plastic, wood, textile, paper	122.0	none to little	dry	
50	**60**	plastic, wood, paper	124.0	none to little	dry	
60	**70**	plastic, wood, metal, cardboard, textile	132.0	moderate	moist	
70	**80**	plastic, wood, metal, textile, cardboard	134.0	moderate	moist	
80	**90**	plastic, wood, soil	134.0	well	free liquids	
90	**100**	plastic, wood, soil, cardboard	136.0	well	free liquids	
100	-	plastic, wood, metal, cardboard	142.0	well	free liquids	

Comments:
Stopped drilling at 100' bgs due to liquids. The well casing material was changed from Carbon Steel to CPVC due to low temperatures.
The thickness of the upper bentonite plug was increased from 2 feet to 3 feet, and the lower bentonite plug was increased from 2 feet to 4 feet.



GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLOR. AERIAL PHOTOGRAPHY DATED JULY 24, 2024.
2. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.
3. THE LOCATION OF ANY EXISTING GCCS COMPONENTS AND OTHER FEATURES ARE APPROXIMATE AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND SUBJECT TO CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT, TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.
4. EXISTING GCCS AS-BUILT DATED JULY, 2024.

DATE
REVISION
NO.

SHEET TITLE: SURFACE EMISSION MONITORING GRIDS AND VERTICAL LFG EXTRACTION WELLS

PROJECT TITLE: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
8799 BALBOA AVENUE SUITE 290
SAN DIEGO, CA 92123
(858) 571-5500 FAX: (562) 427-0805

DRWN. BY: SRM
CHK. BY: WCH/JH
APP. BY: WCH
ACAD FILE/FIELD SERVICES
PROJ. NO. 01204123.35
DSN. BY: -

DATE: 08/05/2024

SCALE: AS SHOWN

SHEET: 1

Attachment L

Leachate Temperature Data

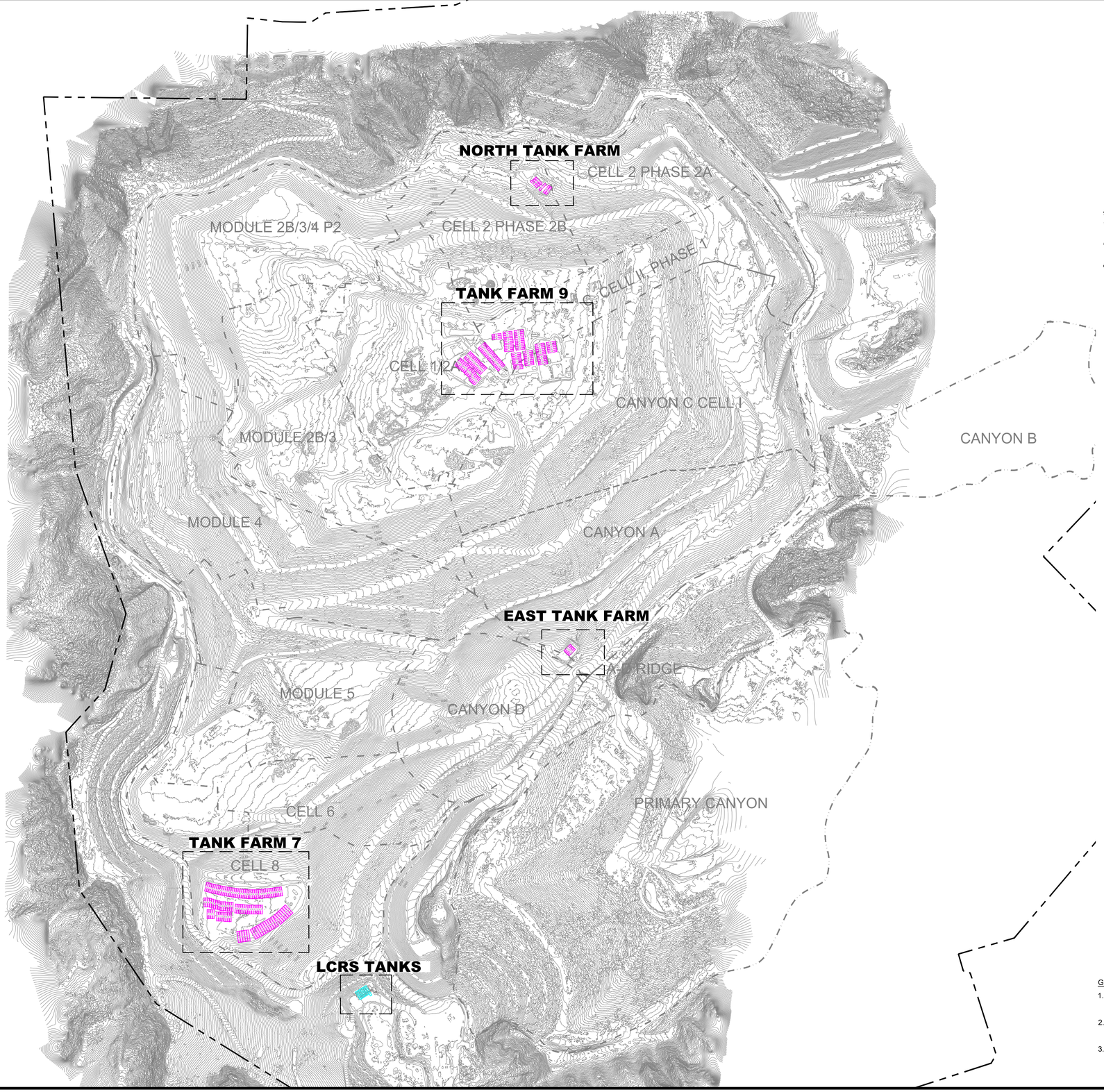
Chiquita Canyon Landfill
Leachate Tank Temperatures

Date: 7/26/2024

Technician: Christian Villagomez / Angel Javalera

Time	Location	Temperature (F)
10:45AM	LCRS Settling Frac Tank (20K Brown)	79
11:00AM	Cell 8 Receiving Tanks (Tank Farm #7)	84
11:30AM	East Perimeter Receiving Tanks (Tank Farm #2)	105
12:00PM	North Perimeter Receiving Tanks (Tank Farm #6)	120
12:30PM	Top Deck Receiving Tanks (Tank Farm #9)	86

Comments



N

GRAPHIC SCALE

250 125 0 250 500 750

SCALE: 1"=250'

LEGEND

- 1150 — TOPOGRAPHIC CONTOUR
- EXISTING CELL LIMITS (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- EXISTING LCRS TANK
- EXISTING FRAC TANK

GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLOR. AERIAL PHOTOGRAPHY DATED MAY 08, 2024.
2. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.
3. ACTUAL FIELD CONDITIONS MAY VARY AND SUBJECT TO CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT, TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.

NO.	REVISION	DATE

SHEET TITLE: LEACHATE TANK TEMPERATURE MONITORING LOCATIONS

PROJECT TITLE: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
8799 BALBOA AVENUE SUITE 290
SAN DIEGO, CA 92123
(858) 571-3500 FAX: (562) 427-0805

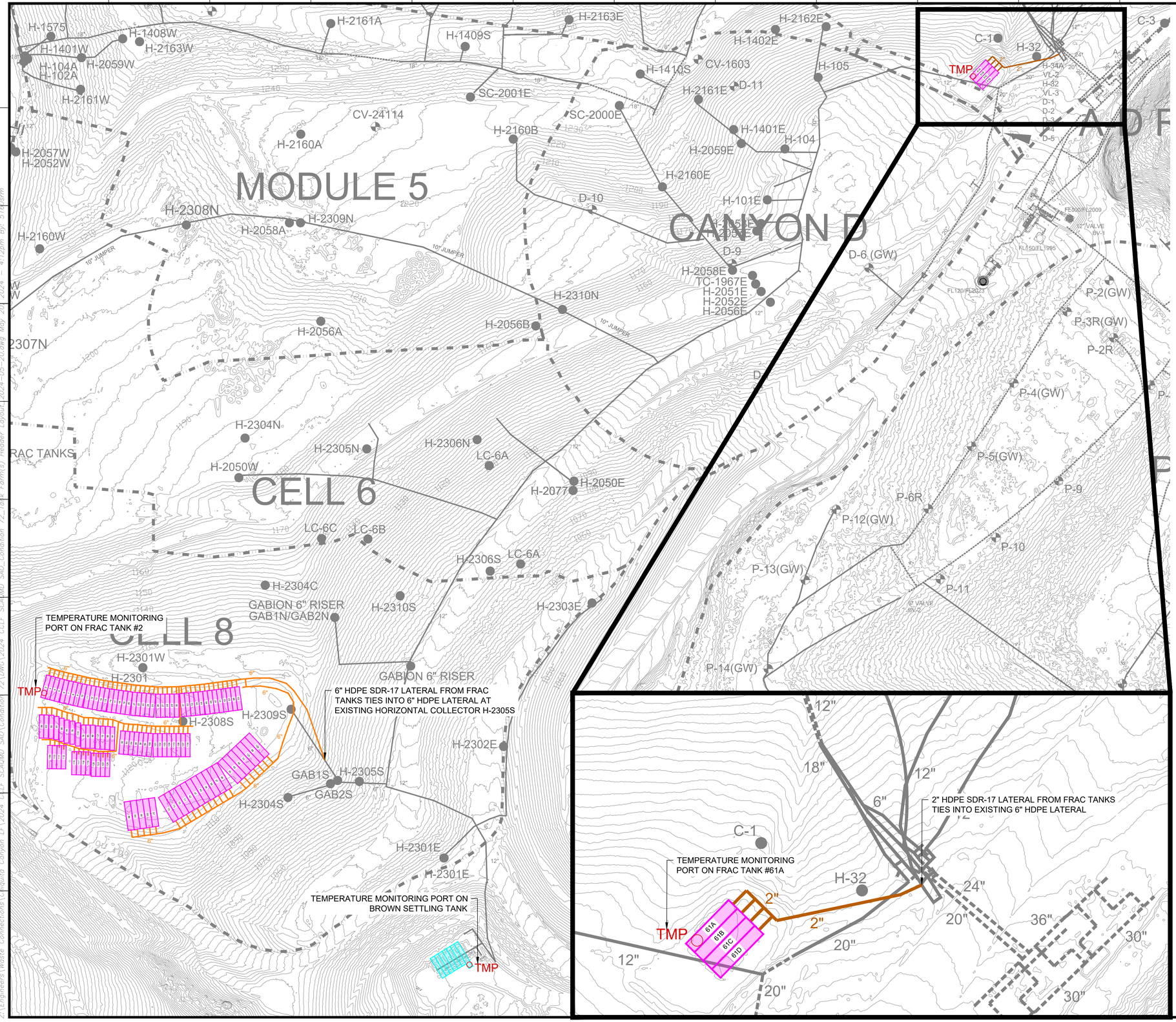
PROJ. NO. 01204123.35 | DSN. BY: - | DWN. BY: SRM | CHK. BY: WCH | APP. BY: WCH | ACAD FILE: ENGINEERS

DATE: 05/20/2024

SCALE: AS SHOWN

SHEET: 1

Z:\Engineers\Waste Connections\Chiquita Canyon LF\2024 CLF SCAQMD SAO\Condition 72\DWG\2024 CCLF SCAQMD SAO_Condition 72_Tank Farm(s) Header Layout_2024-05-20.dwg May 20, 2024 - 4:16pm By: 516dsm



N

GRAPHIC SCALE

90 45 0 90 180 270

SCALE: 1"= 90'

LEGEND

- 1150 — TOPOGRAPHIC CONTOUR
- EXISTING CELL LIMITS (APPROXIMATE)
- CV-XX — EXISTING LFG VERTICAL EXTRACTION WELL
- H-XX — EXISTING HORIZONTAL COLLECTOR WELL
- 12" — EXISTING ABOVE-GRADE LFG COLLECTION HEADER/LATERAL
- 12" — EXISTING BELOW-GRADE LFG COLLECTION HEADER/LATERAL
- TMP — EXISTING TEMPERATURE MONITORING PORT
- 6" — EXISTING 6" HDPE SDR 17 LATERAL - FRAC TANK
- 2" — EXISTING 2" HDPE SDR 17 LATERAL - FRAC TANK
- EXISTING LCRS TANK
- EXISTING FRAC TANK
- PROPOSED FRAC TANK

GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLOR. AERIAL PHOTOGRAPHY DATED MAY 08, 2024.
2. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.
3. ACTUAL FIELD CONDITIONS MAY VARY AND SUBJECT TO CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT, TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.

DATE | REVISION | NO.

SHEET TITLE: TANK FARM SITE PLAN - SOUTH

PROJECT TITLE: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
8799 BALBOA AVENUE SUITE 290
SAN DIEGO, CA 92123
(858) 571-5500 FAX: (562) 427-0805

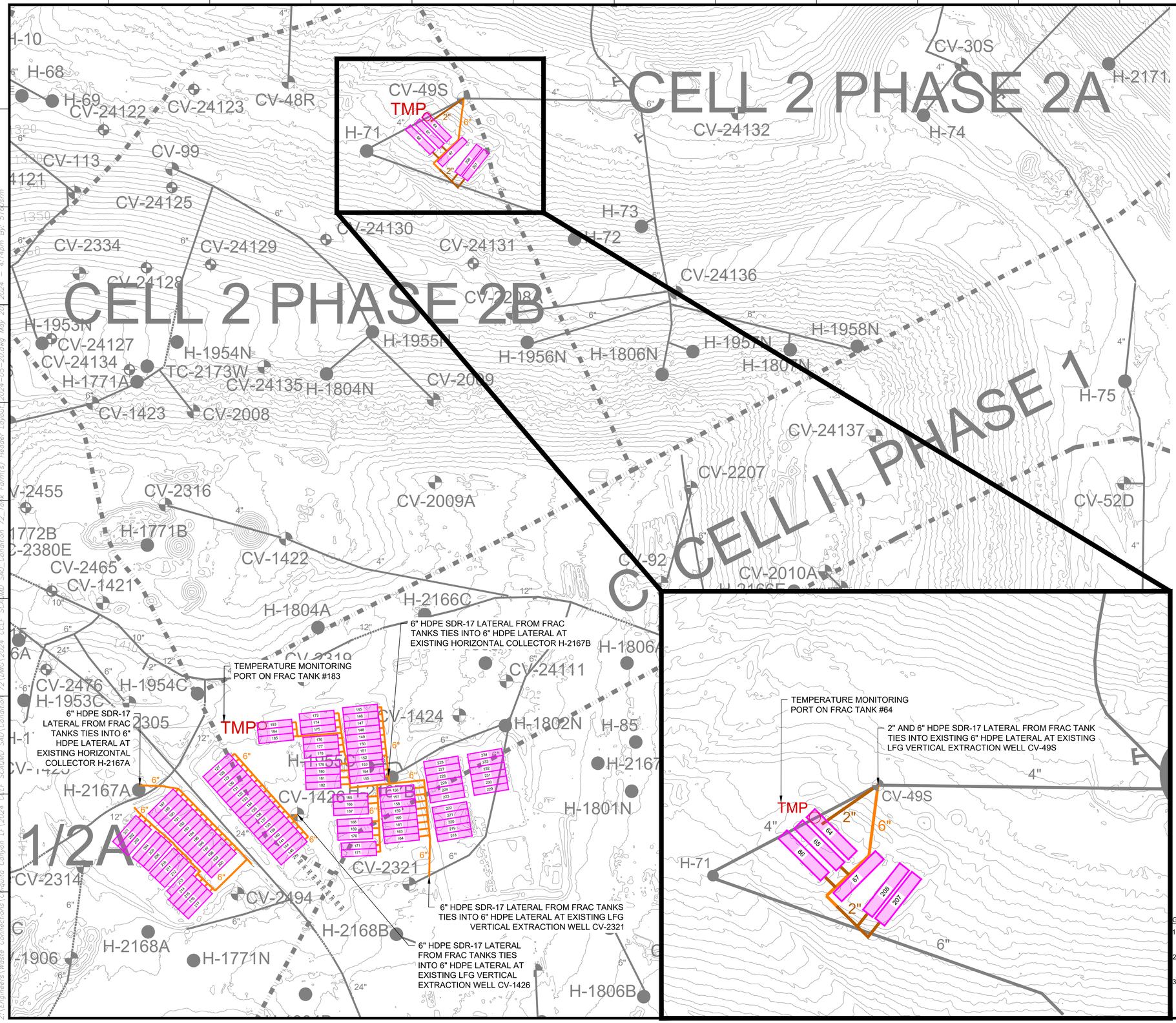
PROJ. NO. 01204123.35 | DWN. BY: SRM | CHK. BY: WCH | ACAD. FILE: | APP. BY: WCH | DSN. BY: -

DATE: 05/20/2024

SCALE: AS SHOWN

SHEET: 2

Z:\Engineers\Waste Connections\Chiquita Canyon LF\2024 CCLF SCAQMD SAO\Condition 72\Dwg\2024 CCLF SCAQMD SAO_Condition 72_Tank Farm(s) Header Layout_2024-05-20.dwg May 20, 2024 - 4:12pm By: 51dsm



GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLOR. AERIAL PHOTOGRAPHY DATED MAY 08, 2024.
2. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.
3. ACTUAL FIELD CONDITIONS MAY VARY AND SUBJECT TO CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT, TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.

DATE
REVISION
NO.

SHEET TITLE: TANK FARM SITE PLAN - NORTH

PROJECT TITLE: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
8799 BALBOA AVENUE SUITE 290
SAN DIEGO, CA 92123
(858) 571-5500 FAX (562) 427-0805

ACAD FILE: -
DWN. BY: SRM
CHK. BY: WCH
APP. BY: WCH
PROJ. NO. 01204123.35
DSN. BY: -

DATE: 05/20/2024

SCALE: AS SHOWN

SHEET: 3

Z:\Engineers\Waste Connections\Chiquita Canyon LF\2024 CCLF SCAQMD SAO\Condition 72\DWG\2024-05-20.dwg May 20, 2024 - 4:14pm By: Stidsm
Farm(s) Header Layout - Tank Farm(s) Header Layout - 72_Tank Farm(s) Header Layout - SAO_Condition 72_DWG_2024 CCLF SCAQMD SAO_Condition 72

Attachment M

Leachate Seep Report

CHIQUITA CANYON
A Waste Connections Company

July 9, 2024

Via E-Mail
Baitong Chen, Air Quality Engineer, bchen@aqmd.gov
Nathaniel Dickel, Senior Air Quality Engineer, ndickel@aqmd.gov
Christina Ojeda, Air Quality Inspector, cojeda@aqmd.gov
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765-4182

Re: Chiquita Canyon, LLC's Weekly Leachate Inspection Report for Stipulated Order for Abatement (Case No. 6177-4), Condition 27(c)

All:

Pursuant to Condition 27(c) of the Stipulated Order for Abatement with the South Coast Air Quality Management District in Case No. 6177-4, Chiquita Canyon, LLC (Chiquita) encloses a compilation of the twice daily leachate seep inspection logs for the dates of July 1, 2024 through July 7, 2024. During this time, there was no ongoing leachate seepage or pooling at the Chiquita Canyon Landfill that occurred at a location more than once within the calendar week. There is no additional information to provide under Condition 27(c).

Please note that on July 5, and July 6, spills occurred in two separate grids. On July 5, a well flange, which connects a wellhead to a vacuum source, failed. Because of this flange failure, leachate spilled onto the geosynthetic liner. Chiquita vacuumed any standing leachate and pressure washed the liner. Chiquita applied the vacuum while pressure washing the liner to ensure wash water did not reach the stormwater channel. The flange was replaced the same day. On July 6, a pump truck was delayed in its arrival to the pump area and as a result, leachate overflowed from the west side ditch and reached the stormwater channel. Chiquia immediately vacuumed all standing leachate from the channel. Chiquita pressure washed the stormwater channel while applying vacuum, to ensure that all leachate was fully removed from the stormwater channel. Chiquia also removed contaminated soil and added fresh soil to the area impacted by the spill. While neither spill constitutes a “leachate seep,” out of an abundance of caution, Chiquita has included logs detailing both incidents in the attached Weekly Leachate Inspection Report. Additional information regarding these incidents and the corrective actions taken is described in the logs. Both spills were fully cleaned the same day.

Regards,

Steven J Cassulo

Steve Cassulo
District Manager
Chiquita Canyon, LLC

Attachment: Leachate Inspection Logs from July 1 – July 7, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

1 Jul 2024 / Tom Roe

Complete

Conducted on	1 Jul 2024 7:07 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

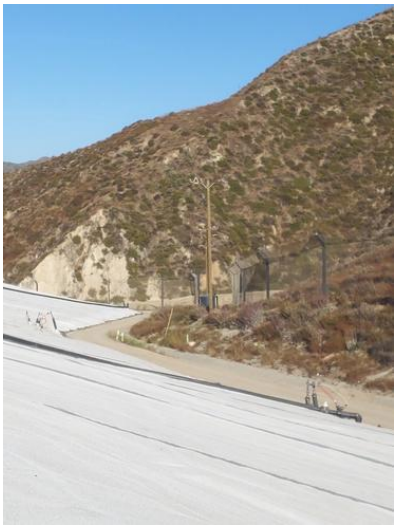


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

1 Jul 2024 / Tom Roe

Complete

Conducted on	1 Jul 2024 1:52 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

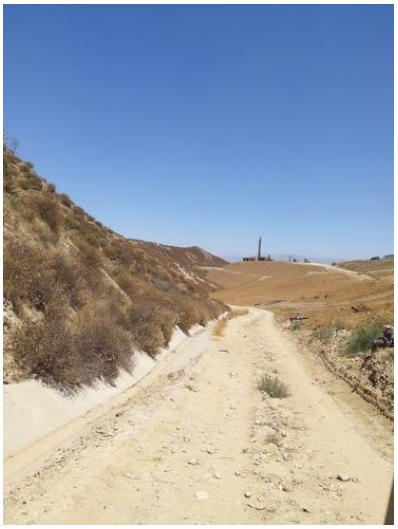


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

2 Jul 2024 / Tom Roe

Complete

Conducted on	2 Jul 2024 7:58 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

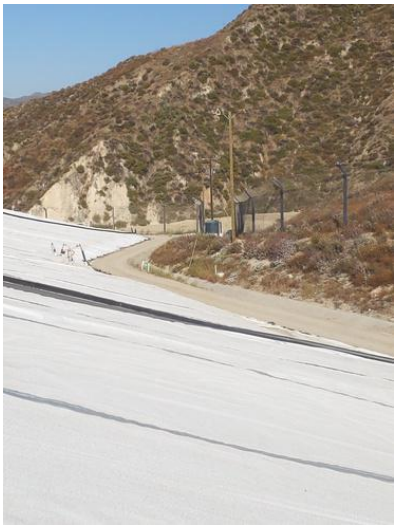


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

2 Jul 2024 / Tom Roe

Complete

Conducted on	2 Jul 2024 1:04 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

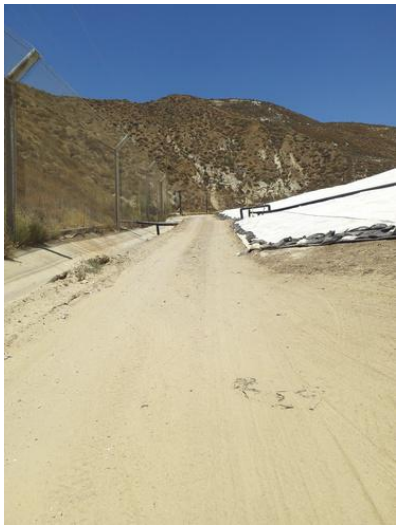


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

3 Jul 2024 / Tom Roe

Complete

Conducted on	3 Jul 2024 7:55 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

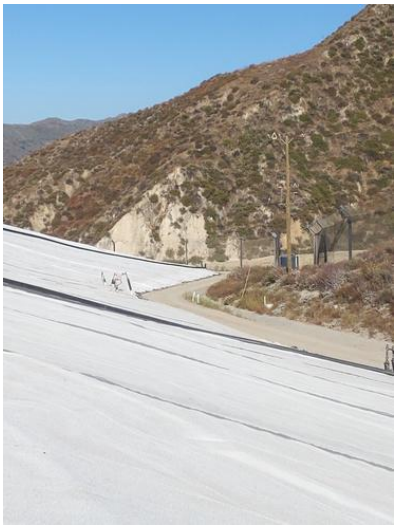


Photo 1

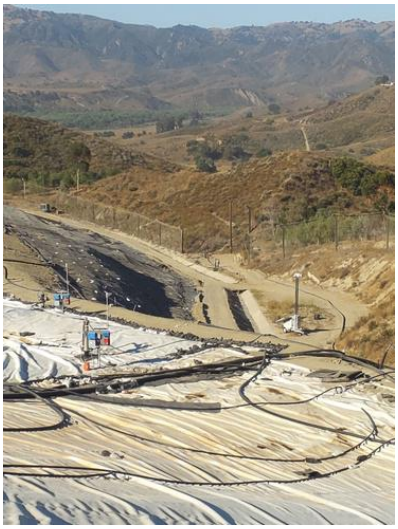


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

3 Jul 2024 / Tom Roe

Complete

Conducted on	3 Jul 2024 2:19 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

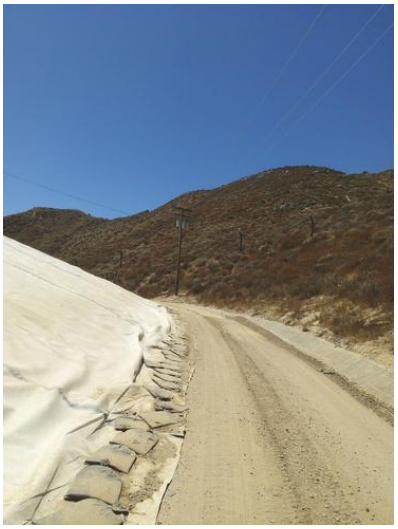


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

4 Jul 2024 / John Boucher

Complete

Conducted on	4 Jul 2024 8:37 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

4 Jul 2024 / John Boucher

Complete

Conducted on	4 Jul 2024 1:02 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

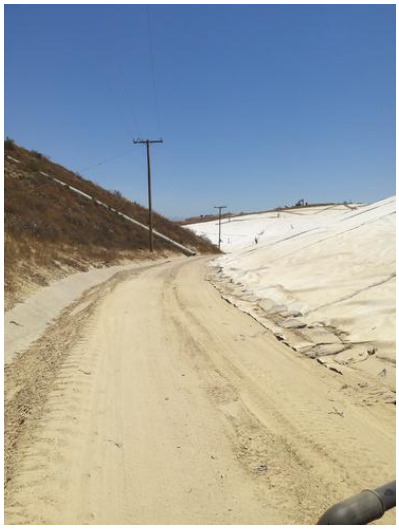


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

5 Jul 2024 / John Boucher

Complete

Conducted on	5 Jul 2024 9:08 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

5 Jul 2024 / John Boucher

Complete

Conducted on	5 Jul 2024 10:32 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	210

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.431685, -118.650773)
Time seep/pooling was discovered	5 Jul 2024 10:33 AM PDT
Estimated duration of presence of leachate at such location	1 hour
Estimated quantity of leachate	6-10 gallons
Extent of area impacted (approximate sq ft impacted)	100 Sq ft
Odor type	Leachate
Odor intensity	2 - Light Odor Detected
Surrounding soil saturation level	Saturated

Image of seep/pooling

Photo 1

Photo 2

Photo 3

Did the seep/pooling travel into the stormwater channel? Yes

Photo 4

Did the seep/pooling travel to the stormwater basin? No

Actions taken to contain seep/pooling?

Area dug out with excavator and compacted, contaminated soil removed, storm water channel power washed. Vacuum was applied while pressure washing to ensure that all wash water was collected.

Photo 5

Photo 6

Photo 7

Photo 8

Leachate seep/pooling Inspection 2	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	177

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4356893, -118.6486242)
Time seep/pooling was discovered	5 Jul 2024 11:06 AM PDT
Estimated duration of presence of leachate at such location	1 day
Estimated quantity of leachate	101-150 gallons
Extent of area impacted (approximate sq ft impacted)	600 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

Photo 14

Photo 15

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

The spill was the result of a flange failure between the well casing and vacuum source. The flange was

immediately replaced. We also promptly vacuumed all standing leachate and pressure washed the liner. Vacuum was applied when pressure washing to ensure no leachate reached the stormwater channel.

Photo 16

Photo 17

Photo 18

Photo 19

Photo 20

Photo 21

Photo 22

4050 - Chiquita Leachate Seep/Pooling Inspection

5 Jul 2024 / John Boucher

Complete

Conducted on	5 Jul 2024 2:54 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

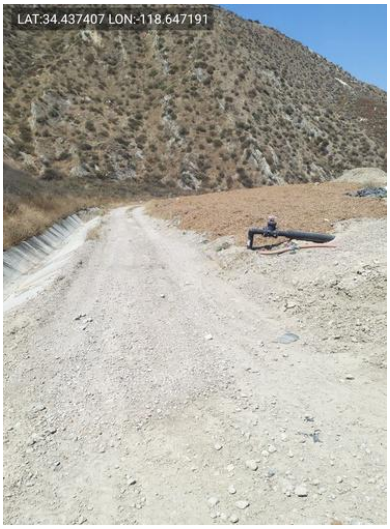


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road. Seeps from this morning were fully repaired and were not observed during this afternoon inspection

4050 - Chiquita Leachate Seep/Pooling Inspection

6 Jul 2024 / John Boucher

Complete

Conducted on	6 Jul 2024 9:22 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	206

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4328534, -118.6520096)
Time seep/pooling was discovered	6 Jul 2024 9:23 AM PDT
Estimated duration of presence of leachate at such location	4 hours
Estimated quantity of leachate	81-100 gallons
Extent of area impacted (approximate sq ft impacted)	500 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Saturated

Image of seep/pooling

Photo 1

Photo 2

Photo 3

Photo 4

Photo 5

Did the seep/pooling travel into the stormwater channel? Yes

Photo 6

Did the seep/pooling travel to the stormwater basin?	No

Actions taken to contain seep/pooling?

Chiquita vacuumed all stormwater from the channel and pressure washed the stormwater channel to remove any remaining leachate. Vacuum was applied while pressure washing to ensure that all wash water was collected. Contaminated dirt was replaced.

Photo 7

Photo 8

Photo 9

4050 - Chiquita Leachate Seep/Pooling Inspection

6 Jul 2024 / John Boucher

Complete

Conducted on	6 Jul 2024 1:53 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road. Seep from this morning has been fully repaired and was not observed during this afternoon inspection.

4050 - Chiquita Leachate Seep/Pooling Inspection

7 Jul 2024 / John Boucher

Complete

Conducted on	7 Jul 2024 8:37 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

7 Jul 2024 / John Boucher

Complete

Conducted on	7 Jul 2024 1:05 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

CHIQUITA CANYON
A Waste Connections Company

July 16, 2024

Via E-Mail
Baitong Chen, Air Quality Engineer, bchen@aqmd.gov
Nathaniel Dickel, Senior Air Quality Engineer, ndickel@aqmd.gov
Christina Ojeda, Air Quality Inspector, cojeda@aqmd.gov
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765-4182

Re: Chiquita Canyon, LLC's Weekly Leachate Inspection Report for Stipulated Order for Abatement (Case No. 6177-4), Condition 27(c)

All:

Pursuant to Condition 27(c) of the Stipulated Order for Abatement with the South Coast Air Quality Management District in Case No. 6177-4, Chiquita Canyon, LLC (Chiquita) encloses a compilation of the twice daily leachate seep inspection logs for the dates of July 8, 2024 through July 14, 2024. During this time, there was no ongoing leachate seepage or pooling at the Chiquita Canyon Landfill that occurred at a location more than once within the calendar week. There is no additional information to provide under Condition 27(c).

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: Leachate Inspection Logs from July 8 – July 14, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

8 Jul 2024 / John Boucher

Complete

Conducted on	8 Jul 2024 8:38 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

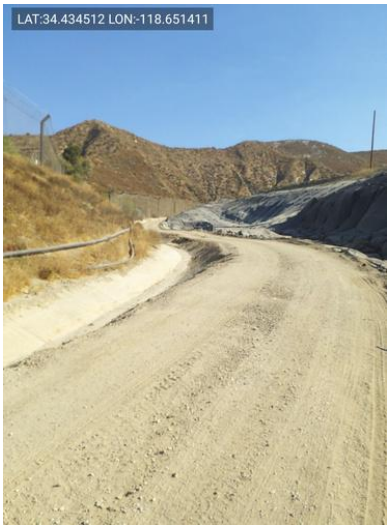


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

8 Jul 2024 / John Boucher

Complete

Conducted on	8 Jul 2024 1:03 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

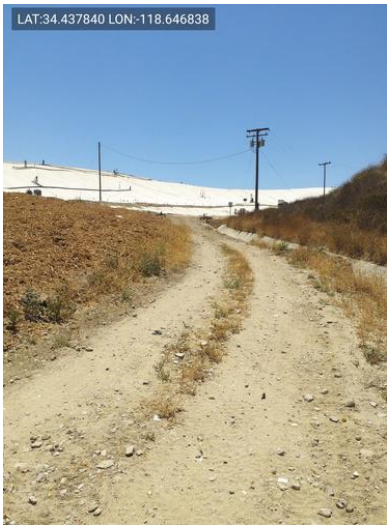


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

9 Jul 2024 / Tom Roe

Complete

Conducted on	9 Jul 2024 8:16 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

9 Jul 2024 / Tom Roe

Complete

Conducted on	9 Jul 2024 1:16 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

10 Jul 2024 / John Boucher

Complete

Conducted on	10 Jul 2024 9:28 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

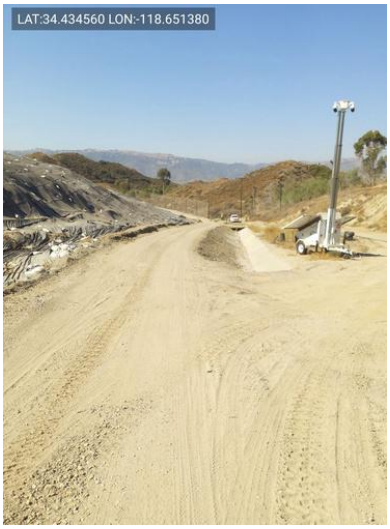


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

10 Jul 2024 / John Boucher

Complete

Conducted on	10 Jul 2024 4:13 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

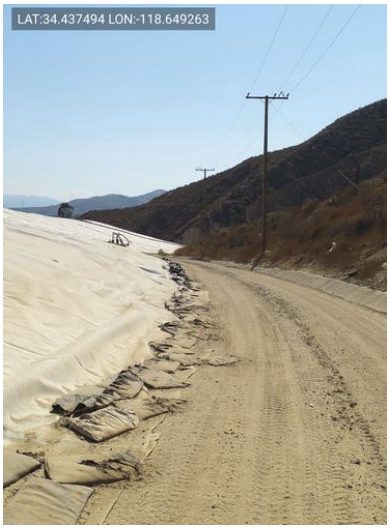


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

11 Jul 2024 / John Boucher

Complete

Conducted on	11 Jul 2024 9:40 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

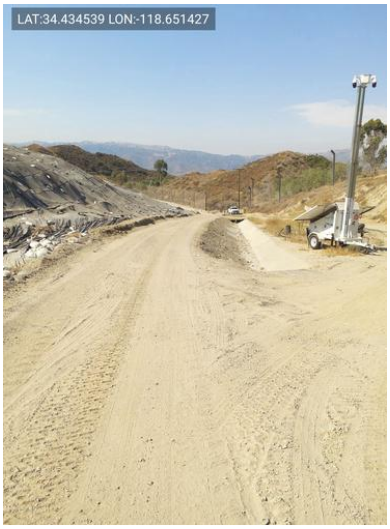


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

11 Jul 2024 / John Boucher

Complete

Conducted on	11 Jul 2024 3:00 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

12 Jul 2024 / John Boucher

Complete

Conducted on	12 Jul 2024 9:27 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	150

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4372518, -118.6476431)
Time seep/pooling was discovered	12 Jul 2024 7:46 AM PDT
Estimated duration of presence of leachate at such location	3 hours
Estimated quantity of leachate	101-150 gallons
Extent of area impacted (approximate sq ft impacted)	200 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 1

Photo 2

Photo 3

Photo 4

Did the seep/pooling travel into the stormwater channel? Yes

Photo 5

Did the seep/pooling travel to the stormwater basin? No

Actions taken to contain seep/pooling?

Seep was caused by lack of vacuum in the are due to ongoing construction projects. Area was dug out and berm created to contain seep. Vacuum line was added and vacuum was restored to this area.
Stormwater channel was pressure washed, vacuum was applied to collect wash water. Contaminated soil on perimeter road was removed.

Photo 6

Photo 7

Photo 8

Photo 9

Photo 10

Photo 11

Photo 12

Photo 13

4050 - Chiquita Leachate Seep/Pooling Inspection

12 Jul 2024 / John Boucher

Complete

Conducted on	12 Jul 2024 2:37 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

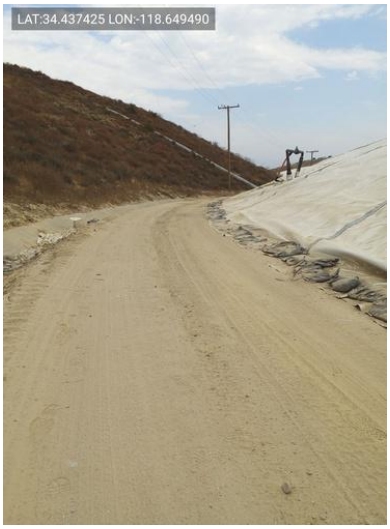


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road. Seep from morning inspection contained while further repairs are conducted. No other seep locations found.

4050 - Chiquita Leachate Seep/Pooling Inspection

13 Jul 2024 / James Cardinel

Complete

Conducted on	13 Jul 2024 6:33 AM PDT
Prepared by	James Cardinel

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	150

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4369311522861, -118.64804852753878)
Time seep/pooling was discovered	13 Jul 2024 6:38 AM PDT
Estimated duration of presence of leachate at such location	1 Hour
Estimated quantity of leachate	<1 gallons
Extent of area impacted (approximate sq ft impacted)	7 Sq ft
Odor type	Leachate
Odor intensity	2 - Light Odor Detected
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 1

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

Seep caused by lack of vacuum in this area due to ongoing construction projects.
Seep was contained by a berm and covered with fill dirt.

Photo 2

4050 - Chiquita Leachate Seep/Pooling Inspection

13 Jul 2024 / James cardinel

Complete

Conducted on	13 Jul 2024 1:25 PM PDT
Prepared by	James cardinel

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

14 Jul 2024 / Tom Roe

Complete

Conducted on	14 Jul 2024 7:06 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

14 Jul 2024 / Tom Roe

Complete

Conducted on	14 Jul 2024 1:46 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

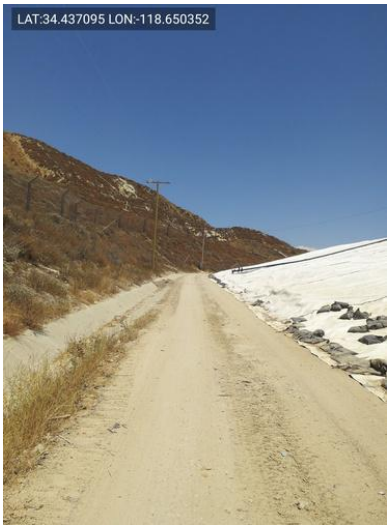


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road.

CHIQUITA CANYON
A Waste Connections Company

July 23, 2024

Via E-Mail

Baitong Chen, Air Quality Engineer, bchen@aqmd.gov
Nathaniel Dickel, Senior Air Quality Engineer, ndickel@aqmd.gov
Christina Ojeda, Air Quality Inspector, cojeda@aqmd.gov
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765-4182

Re: Chiquita Canyon, LLC's Weekly Leachate Inspection Report for Stipulated Order for Abatement (Case No. 6177-4), Condition 27(c)

All:

Pursuant to Condition 27(c) of the Stipulated Order for Abatement with the South Coast Air Quality Management District in Case No. 6177-4, Chiquita Canyon, LLC (Chiquita) encloses a compilation of the twice daily leachate seep inspection logs for the dates of July 15, 2024 through July 21, 2024.

During this week, there was one ongoing leachate seep at the Chiquita Canyon Landfill. The seep occurred between July 16 and 17 in grid 210. The exact location of this seep is set forth in the maps included in the attachment. The seep was first observed during the July 16 morning inspection. The seep was likely caused by the pumps being temporarily turned off in the area in order to install the geosynthetic cover. Chiquita immediately began its mitigation efforts by scheduling a clean-up and repair crew to remediate the seep. Chiquita regularly monitored the seep and covered the seep with clean soil. On July 17, the crew restored the pumps in the area. The clean-up crew dug out the seep, covered the area with clean soil, and compacted. The seep is estimated to have been present for a total of approximately one and half days; it was not present during the subsequent inspections in the week.

The total approximate amount of leachate present in this seep from July 16 to 17 was 21 to 50 gallons of leachate. The extent of area impacted for the duration of the seep was approximately 30 square feet. The saturation of the soil for the duration of the seep was categorized as "Standing Free Liquid." The odor intensity of the seep—"Moderate Odor"—remained consistent for the duration of the seep. There is no additional information to provide under Condition 27(c).

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: Leachate Inspection Logs from July 15 – July 21, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

15 Jul 2024 / Tom Roe

Complete

Conducted on	15 Jul 2024 7:07 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

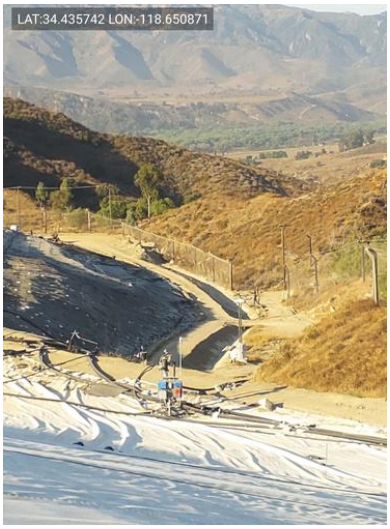


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

15 Jul 2024 / Tom Roe

Complete

Conducted on	15 Jul 2024 1:08 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

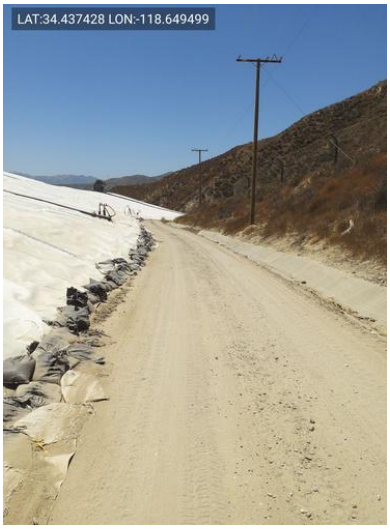


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

16 Jul 2024 / Tom Roe

Complete

Conducted on	16 Jul 2024 7:49 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	210

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4317975, -118.6508957)
Time seep/pooling was discovered	16 Jul 2024 7:53 AM PDT
Estimated duration of presence of leachate at such location	8 hours
Estimated quantity of leachate	21-50 gallons
Extent of area impacted (approximate sq ft impacted)	30 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 1

Photo 2

Photo 3

Photo 4

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

We scheduled a crew to repair and clean up this area. The seep continued to be monitored.

4050 - Chiquita Leachate Seep/Pooling Inspection

16 Jul 2024 / Tom Roe

Complete

Conducted on	16 Jul 2024 2:50 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	210

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4317507, -118.6508724)
Time seep/pooling was discovered	16 Jul 2024 2:53 PM PDT
Estimated duration of presence of leachate at such location	16 hrs
Estimated quantity of leachate	21-50 gallons
Extent of area impacted (approximate sq ft impacted)	30 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 1

Photo 2

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

This is the same seep from the morning. The cleanup crew covered the seep with soil to contain it. The seep was monitored and the cleanup crew will continue its remediation efforts tomorrow.

Photo 3

Photo 4

4050 - Chiquita Leachate Seep/Pooling Inspection

17 Jul 2024 / Tom Roe

Complete

Conducted on	17 Jul 2024 8:08 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	210

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4317866, -118.6508591)
Time seep/pooling was discovered	17 Jul 2024 8:12 AM PDT
Estimated duration of presence of leachate at such location	1 day
Estimated quantity of leachate	11-20 gallons
Extent of area impacted (approximate sq ft impacted)	30 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 1

Photo 2

Photo 3

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

This is the same seep from 7/16.
This seep was caused by the pumps being temporarily turned off for construction. We began working to turn on the pumps in the area, and continued to monitor the seep.

4050 - Chiquita Leachate Seep/Pooling Inspection

17 Jul 2024 / Tom Roe

Complete

Conducted on	17 Jul 2024 1:48 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	210

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4317613, -118.6508962)
Time seep/pooling was discovered	17 Jul 2024 2:08 PM PDT
Estimated duration of presence of leachate at such location	1.5 days
Estimated quantity of leachate	11-20 gallons
Extent of area impacted (approximate sq ft impacted)	30 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 1

Photo 2

Photo 3

Photo 4

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

Pumps in this area have been restored.
Seep has been dug out and area compacted with excavator.

Photo 5

4050 - Chiquita Leachate Seep/Pooling Inspection

18 Jul 2024 / John Boucher

Complete

Conducted on	18 Jul 2024 9:22 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located? No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.

West side perimeter road. Previous seep in grid 210 has been cleaned and remediated. The seep was not observed during this inspection.

4050 - Chiquita Leachate Seep/Pooling Inspection

18 Jul 2024 / John Boucher

Complete

Conducted on	18 Jul 2024 3:02 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

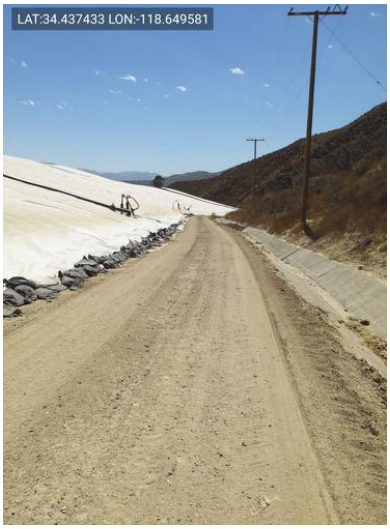


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

19 Jul 2024 / John Boucher

Complete

Conducted on	19 Jul 2024 8:16 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

19 Jul 2024 / John Boucher

Complete

Conducted on	19 Jul 2024 3:34 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

20 Jul 2024 / John Boucher

Complete

Conducted on	20 Jul 2024 7:49 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

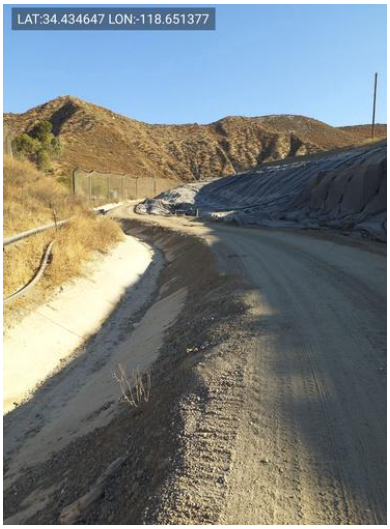


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

20 Jul 2024 / John Boucher

Complete

Conducted on	20 Jul 2024 1:11 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

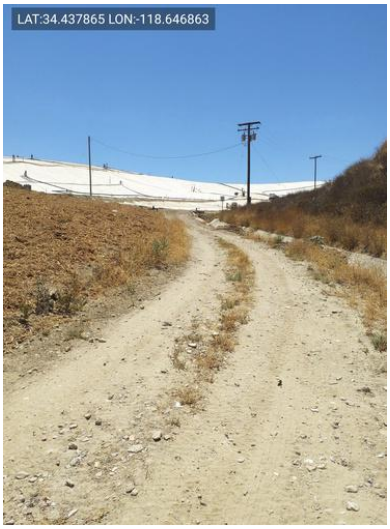


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

21 Jul 2024 / Tom Roe

Complete

Conducted on	21 Jul 2024 6:50 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

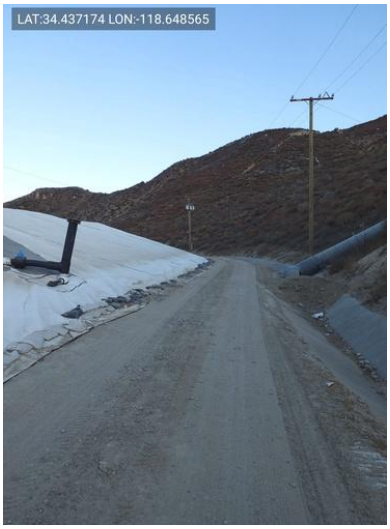


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

21 Jul 2024 / Tom Roe

Complete

Conducted on	21 Jul 2024 1:02 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

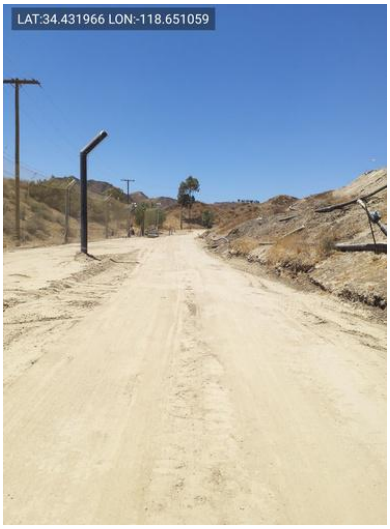


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

CHIQUITA CANYON
A Waste Connections Company

July 30, 2024

Via E-Mail
Baitong Chen, Air Quality Engineer, bchen@aqmd.gov
Nathaniel Dickel, Senior Air Quality Engineer, ndickel@aqmd.gov
Christina Ojeda, Air Quality Inspector, cojeda@aqmd.gov
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765-4182

Re: Chiquita Canyon, LLC's Weekly Leachate Inspection Report for Stipulated Order for Abatement (Case No. 6177-4), Condition 27(c)

All:

Pursuant to Condition 27(c) of the Stipulated Order for Abatement with the South Coast Air Quality Management District in Case No. 6177-4, Chiquita Canyon, LLC encloses a compilation of the twice daily leachate seep inspection logs for the dates of July 22, 2024 through July 28, 2024. During this time, there was no ongoing leachate seepage or pooling at the Chiquita Canyon Landfill that occurred at a location more than once within the calendar week. There is no additional information to provide under Condition 27(c).

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: Leachate Inspection Logs from July 22 – July 28, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

22 Jul 2024 / Tom Roe

Complete

Conducted on	22 Jul 2024 7:17 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

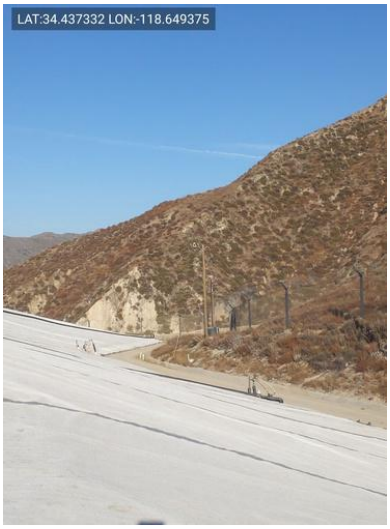


Photo 1

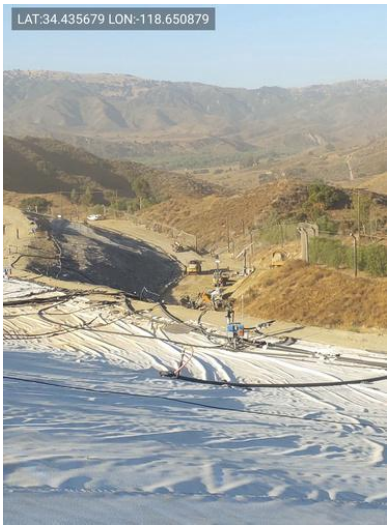


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

22 Jul 2024 / Tom Roe

Complete

Conducted on	22 Jul 2024 2:01 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

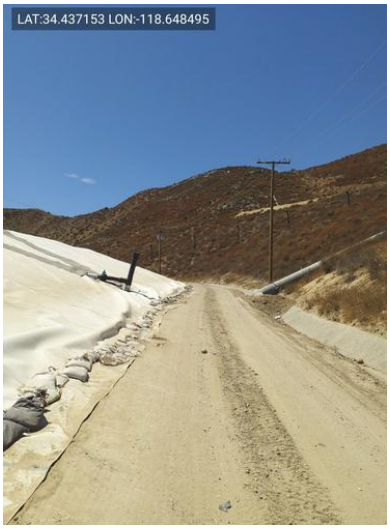


Photo 1

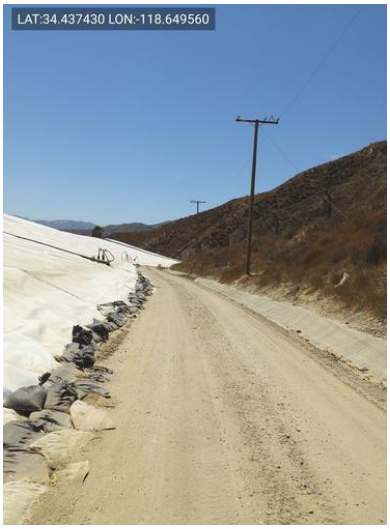


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

23 Jul 2024 / Tom Roe

Complete

Conducted on	23 Jul 2024 7:52 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

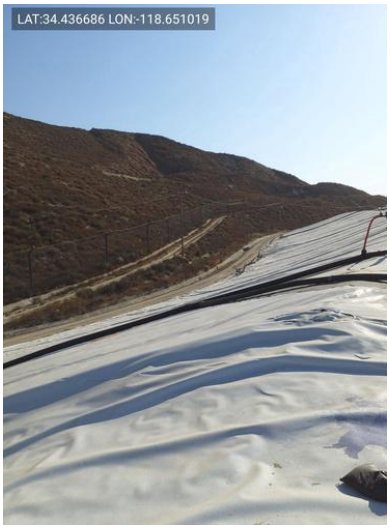


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

23 Jul 2024 / Tom Roe

Complete

Conducted on	23 Jul 2024 1:42 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

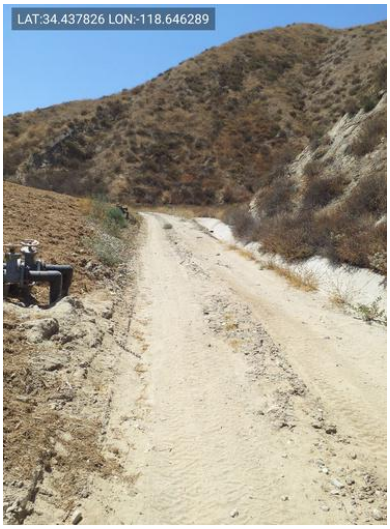


Photo 1

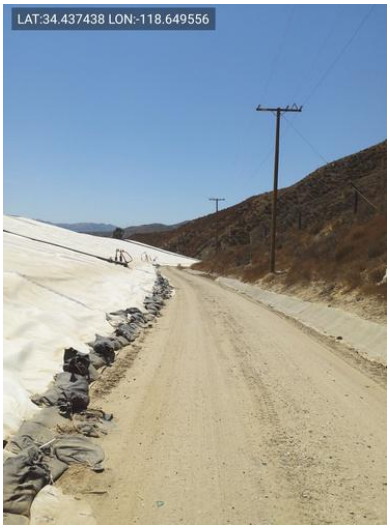


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

24 Jul 2024 / Tom Roe

Complete

Conducted on	24 Jul 2024 8:13 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

24 Jul 2024 / Tom Roe

Complete

Conducted on	24 Jul 2024 2:01 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Description of area in photo where there is no leachate seepage or pooling.	West perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

25 Jul 2024 / John Boucher

Complete

Conducted on	25 Jul 2024 8:08 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	150

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4370694, -118.6482182)
Time seep/pooling was discovered	25 Jul 2024 9:50 AM PDT
Estimated duration of presence of leachate at such location	2 hrs
Estimated quantity of leachate	6-10 gallons
Extent of area impacted (approximate sq ft impacted)	10sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Standing free liquid

Image of seep/pooling

Photo 1

Photo 2

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

Berm created to contain seep. We scheduled a crew to repair and clean up this area. We continued to monitor the seep until repairs could be completed.

Photo 3

Photo 4

4050 - Chiquita Leachate Seep/Pooling Inspection

25 Jul 2024 / John Boucher

Complete

Conducted on	25 Jul 2024 4:31 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection	
Leachate seep/pooling Inspection	
Leachate seep/pooling Inspection 1	
Has a leachate seep/pooling been located?	Yes
Which grid is the leachate seep/pooling located?	150

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4370711, -118.6481873)
Time seep/pooling was discovered	25 Jul 2024 4:31 PM PDT
Estimated duration of presence of leachate at such location	10h
Estimated quantity of leachate	6-10 gallons
Extent of area impacted (approximate sq ft impacted)	10 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Saturated

Image of seep/pooling

Photo 1

Photo 2

Did the seep/pooling travel into the stormwater channel? No

Actions taken to contain seep/pooling?

Area dug out with excavator, new dirt added and compacted, area covered with geosynthetic cover.

Photo 3

Photo 4

4050 - Chiquita Leachate Seep/Pooling Inspection

26 Jul 2024 / John Boucher

Complete

Conducted on	26 Jul 2024 7:55 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road. The seep previously located in grid 150 was not present during the inspection.

4050 - Chiquita Leachate Seep/Pooling Inspection

26 Jul 2024 / John Boucher

Complete

Conducted on	26 Jul 2024 3:27 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

27 Jul 2024 / John Boucher

Complete

Conducted on	27 Jul 2024 7:53 AM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

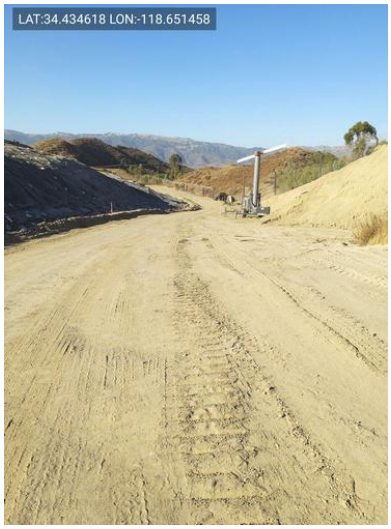


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

27 Jul 2024 / John Boucher

Complete

Conducted on	27 Jul 2024 1:16 PM PDT
Prepared by	John Boucher

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

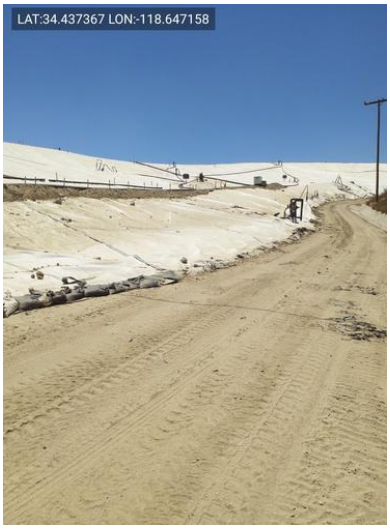


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

28 Jul 2024 / Tom Roe

Complete

Conducted on	28 Jul 2024 6:44 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

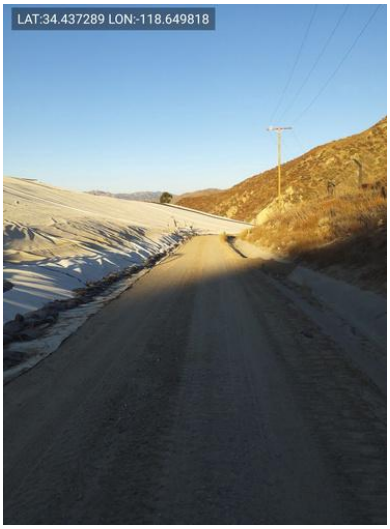


Photo 1

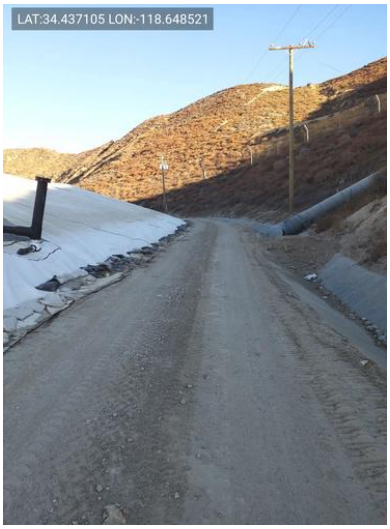


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

28 Jul 2024 / Tom Roe

Complete

Conducted on	28 Jul 2024 1:27 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

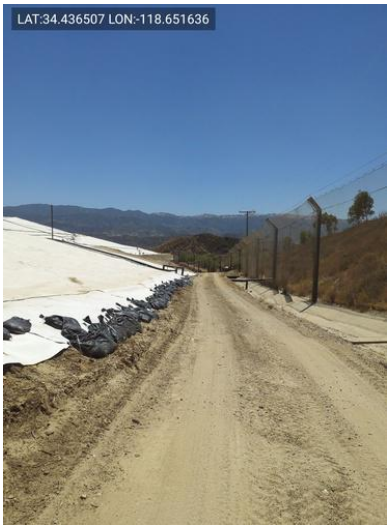


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

CHIQUITA CANYON
A Waste Connections Company

August 6, 2024

Via E-Mail
Baitong Chen, Air Quality Engineer, bchen@aqmd.gov
Nathaniel Dickel, Senior Air Quality Engineer, ndickel@aqmd.gov
Christina Ojeda, Air Quality Inspector, cojeda@aqmd.gov
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, California 91765-4182

Re: Chiquita Canyon, LLC's Weekly Leachate Inspection Report for Stipulated Order for Abatement (Case No. 6177-4), Condition 27(c)

All:

Pursuant to Condition 27(c) of the Stipulated Order for Abatement with the South Coast Air Quality Management District in Case No. 6177-4, Chiquita Canyon, LLC (Chiquita) encloses a compilation of the twice daily leachate seep inspection logs for the dates of July 29, 2024 through August 4, 2024. No leachate seepage or pooling was observed at the Chiquita Canyon Landfill during these inspections. There is no additional information to provide under Condition 27(c).

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: Leachate Inspection Logs from July 29– August 4, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

29 Jul 2024 / Tom Roe

Complete

Conducted on	29 Jul 2024 7:26 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

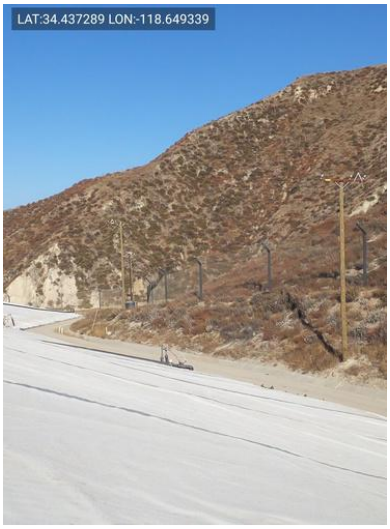


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

29 Jul 2024 / Tom Roe

Complete

Conducted on	29 Jul 2024 1:02 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

30 Jul 2024 / Tom Roe

Complete

Conducted on	30 Jul 2024 8:11 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

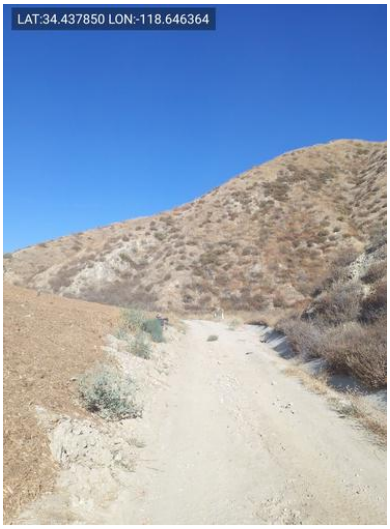


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

30 Jul 2024 / Tom Roe

Complete

Conducted on	30 Jul 2024 2:35 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

Photo 1

Description of area in photo where there is no leachate seepage or pooling.	West perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

31 Jul 2024 / Tom Roe

Complete

Conducted on	31 Jul 2024 6:31 AM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

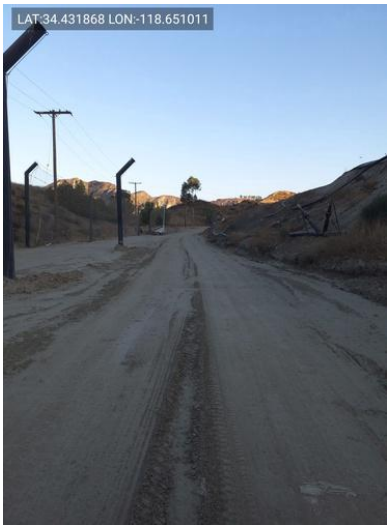


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	West perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

31 Jul 2024 / Tom Roe

Complete

Conducted on	31 Jul 2024 2:40 PM PDT
Prepared by	Tom Roe

Leachate Seep Inspection

Leachate seep/pooling Inspection

Leachate seep/pooling Inspection 1

Has a leachate seep/pooling been located?	No

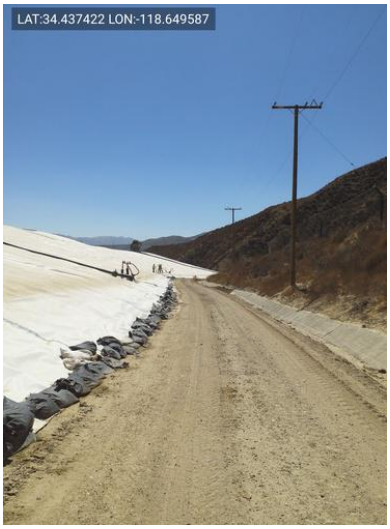


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

Attachment N

Leachate Gallon Data

Leachate Gallons for the Month of July 2024

Off-site Disposal

Week	Date	Facility	Address	Estimated Gallons
1	7/1/24-7/7/24	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	784,550
1	7/1/24-7/7/24	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	278,153
1	7/1/24-7/7/24	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	47,174
1	7/1/24-7/7/24	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	49,135
1	7/1/24-7/7/24	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 South Highway 71 Kimball, NE 69145	15,842
1	7/1/24-7/7/24	US Ecology - Nevada	11455 S US-95 Beatty, NV 89003	58,953
2	7/8/24-7/14/24	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	749,195
2	7/8/24-7/14/24	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	287,472
2	7/8/24-7/14/24	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	79,351
2	7/8/24-7/14/24	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	23,208
2	7/8/24-7/14/24	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	79,990
2	7/8/24-7/14/24	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 South Highway 71 Kimball, NE 69145	20,684
2	7/8/24-7/14/24	US Ecology - Nevada	11455 S US-95 Beatty, NV 89003	137,871
3	7/15/24-7/21/24	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	705,332
3	7/15/24-7/21/24	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	217,012
3	7/15/24-7/21/24	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	62,808
3	7/15/24-7/21/24	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	13,912
3	7/15/24-7/21/24	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	50,678
3	7/15/24-7/21/24	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 South Highway 71 Kimball, NE 69145	14,873
3	7/15/24-7/21/24	US Ecology - Nevada	11455 S US-95 Beatty, NV 89003	87,009
4	7/22/24-7/28/24	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	749,490
4	7/22/24-7/28/24	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	216,896
4	7/22/24-7/28/24	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	56,732
4	7/22/24-7/28/24	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	44,826
4	7/22/24-7/28/24	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 S. Highway 71 Kimball, NE 69145	15,823
4	7/22/24-7/28/24	Durham Regional Landfill	22316 South Harmon Rd. Florence, AZ 85132	16,192
5	7/29/24-7/31/24	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	381,615
5	7/29/24-7/31/24	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	190,162
5	7/29/24-7/31/24	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	19,104
5	7/29/24-7/31/24	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	26,284
5	7/29/24-7/31/24	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	56,047
5	7/29/24-7/31/24	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 S. Highway 71 Kimball, NE 69145	15,796
5	7/29/24-7/31/24	Durham Regional Landfill	22316 South Harmon Rd. Florence, AZ 85132	36,467

On-site Production and Treatment

Week	Date	Estimated Gallons	Estimated Gallons Treated On-Site
1	7/1/24-7/7/24	957,501	644,373
2	7/8/24-7/14/24	1,121,287	677,244
3	7/15/24-7/21/24	1,123,256	751,534
4	7/22/24-7/28/24	1,382,988	1,104,469
5	7/29/24-7/31/24	548,559	419,212

Attachment O

Air Monitoring Data

AQM 65 Field Data Sheet

Date: 2024-07-16 **SCS Employee:** Armando

Monitoring Location #: MS-07 **Internal Temp:** _____

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	0.223	0.210
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	1.022	1.000

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change		
PM inlet filter change		
Gas inlet leak test		
Clean TMS cassette/fins		
Particle Profiler leak check		
Particle Profiler zero calibration flow check		
Particle Profiler inlet cleaning	Yes	Cleaned
Bump Test		

Notes:

AQM 65 Field Data Sheet

Date: 2024-07-01 **SCS Employee:** Armando

Monitoring Location #: MS-12 **Internal Temp:** _____

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	0.150	0.140
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	1.000	1.000

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change	No	Not needed
PM inlet filter change	No	Not needed
Gas inlet leak test		
Clean TMS cassette/fins		
Particle Profiler leak check		
Particle Profiler zero calibration flow check	Yes	0.0 for both PM 2.5 and 10
Particle Profiler inlet cleaning	Yes	Cleaned
Bump Test		

Notes:

AQM 65 Field Data Sheet

Date: 2024-07-18 **SCS Employee:** Armando

Monitoring Location #: MS-04 **Internal Temp:** 30

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	0.240	0.210
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	1.011	1.000

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change		
PM inlet filter change		
Gas inlet leak test		
Clean TMS cassette/fins		
Particle Profiler leak check		
Particle Profiler zero calibration flow check	Yes	PM2.5 @ 0.04, PM10 @ 0.15
Particle Profiler inlet cleaning	Yes	Cleaned
Bump Test		

Notes:

AQM 65 Field Data Sheet

Date: 2024-07-17 **SCS Employee:** Armando

Monitoring Location #: MS-01 **Internal Temp:** 36.0

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	0.210	0.210
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	1.020	1.000

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change		
PM inlet filter change		
Gas inlet leak test		
Clean TMS cassette/fins		
Particle Profiler leak check		
Particle Profiler zero calibration flow check	Yes	0.00 for PM2.5, 0.00 for PM10 (after 30min)
Particle Profiler inlet cleaning	Yes	Cleaned
Bump Test		

Notes:

AQM 65 Field Data Sheet

Date: 2024-07-18 **SCS Employee:** Armando

Monitoring Location #: MS-09 **Internal Temp:** 30

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	0.210	0.210
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	1.010	1.000

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change		
PM inlet filter change		
Gas inlet leak test		
Clean TMS cassette/fins		
Particle Profiler leak check		
Particle Profiler zero calibration flow check	Yes	PM2.5 @ 0.03, PM10 @ 0.50 (std dev 0.3 and would not stabalize)
Particle Profiler inlet cleaning	Yes	Cleaned
Bump Test		

Notes:

AQM 65 Field Data Sheet

Date: 2024-07-01 **SCS Employee:** Armando

Monitoring Location #: MS-08 **Internal Temp:** _____

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	0.202	0.210
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	1.040	1.000

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change	No	Not needed
PM inlet filter change	No	Not needed
Gas inlet leak test		
Clean TMS cassette/fins		
Particle Profiler leak check		
Particle Profiler zero calibration flow check	Yes	0.00 for both PM2.5, and 10
Particle Profiler inlet cleaning	Yes	Cleaned
Bump Test		

Notes:
Panels cleaned

AQM 65 Field Data Sheet

Date: 2024-07-31 **SCS Employee:** Stipe Markotic

Monitoring Location #: MS-06 **Internal Temp:** NA

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	0.213	NA
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	0.918	0.964

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change	Yes	
PM inlet filter change	Yes	
Gas inlet leak test	No	
Clean TMS cassette/fins	No	NA
Particle Profiler leak check	Yes	Passed
Particle Profiler zero calibration flow check	Yes	Passed
Particle Profiler inlet cleaning	Yes	
Bump Test	No	

Notes:
Performed CH4 calibrations with SCAQMD.

AQM 65 Field Data Sheet

Date: 2024-07-31 **SCS Employee:** Stipe Markotic

Monitoring Location #: MS-04 **Internal Temp:** 30.0

PUT THE INSTRUMENT IN TO "SERVICE MODE" BEFORE PERFORMING ANY SERVICE

Service Activity	Initial LPM	Final LPM
Gas inlet flow check	NA	
PM inlet flow check (Recommended: 1.0 LPM ± 0.05 LPM for Particle Profiler)	NA	0.970

Initial LPM is taken before opening the door of the AQM 65.

Service Activity	Yes/No	Comments
Gas inlet filter change	No	
PM inlet filter change	No	
Gas inlet leak test	No	
Clean TMS cassette/fins	No	
Particle Profiler leak check		
Particle Profiler zero calibration flow check		
Particle Profiler inlet cleaning	No	
Bump Test	No	

Notes:
Swap Profiler with B16212

Attachment P

Leachate Tank Gauge Pressure Readings, July 10-31, 2024

Attachment Q

Leachate Tank Pressure Test Readings, July 1-16, 2024

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-01 **Technician: Luis cruz**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	9:14	0.0	no
09SP02	9:16	0.0	no
09SP03	9:17	0.0	no
09SP04	9:17	0.0	no
09SP05	9:19	0.0	no
09SP06	9:21	0.0	no
09SP07	9:30	0.0	no
09SP08	9:32	0.0	no
09SP09	9:32	-0.5	yes
09SP010	9:34	0.0	no
09SP011	9:36	0.0	no
09SP012	9:36	0.0	no
Comments:	3 sample ports broken on spo6 row		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	9:49	0.0	no
06SP02	9:49	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	9:56	1.3	no
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	10:05	0.0	no
07SP02	10:06	0.0	no
07SP03	10:07	0.0	no
07SP04	10:08	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-02 **Technician: Luis Cruz**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:19	0.0	no
09SP02	8:20	0.0	no
09SP03	8:21	0.0	no
09SP04	8:22	0.0	no
09SP05	8:23	0.0	no
09SP06	8:25	0.0	no
09SP07	8:37	0.0	no
09SP08	8:38	0.0	no
09SP09	8:39	-0.8	yes
09SP010	8:40	0.0	no
09SP011	8:41	0.0	no
09SP012	8:42	0.0	no
Comments:			

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:52	-0.6	yes
06SP02	8:53	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	8:59	0.0	no
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	9:10	0.0	no
07SP02	9:12	0.0	no
07SP03	9:13	0.0	no
07SP04	9:13	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-03 **Technician: Luis cruz**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:27	0.0	no
09SP02	8:27	0.0	no
09SP03	8:27	0.0	no
09SP04	8:27	0.0	no
09SP05	8:29	0.0	no
09SP06	8:38	0.0	no
09SP07	8:38	0.0	no
09SP08	8:39	0.0	no
09SP09	8:39	-0.5	yes
09SP010	8:40	0.0	no
09SP011	8:41	0.0	no
09SP012	8:41	0.5	no
Comments:	Sample port broken on spo6		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:58	0.0	no
06SP02	8:58	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	9:07	0.0	no
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	9:17	0.0	no
07SP02	9:19	0.0	no
07SP03	9:19	0.0	no
07SP04	9:21	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-04 **Technician: Mark Guerrero Eric Arias**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	10:19	0	no
09SP02	10:20	0	no
09SP03	10:21	0	no
09SP04	10:21	0	no
09SP05	10:22	0	no
09SP06	10:23	0	no
09SP07	10:24	0	no
09SP08	10:25	+18	no
09SP09	10:26	+30	no
09SP010	10:28	Line watered in	no
09SP011	10:30	Line watered in	no
09SP012	10:31	Line watered in	no
Comments:	None		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	10:41	0	no
06SP02	10:41	0	no
Comments:	None		

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	10:59	0	no
Comments:	None		

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	11:05	0	no
07SP02	11:06	0	no
07SP03	11:08	0	no
07SP04	11:08	0	no
Comments:	None		

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-05 **Technician: Anthony Torres**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:07	0.0	no
09SP02	8:08	0.0	no
09SP03	8:09	0.0	no
09SP04	8:09	0.0	no
09SP05	8:10	0.0	no
09SP06	8:11	0.0	no
09SP07	8:11	0.0	no
09SP08	8:17	0.0	no
09SP09	8:19	25.6	no
09SP010	8:20	0.0	no
09SP011	8:21	36.8	no
09SP012	8:21	0.0	no
Comments:	Liquid on SP08 SP10 SP11 SP12		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:41	0.0	no
06SP02	8:41	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	8:47	0.0	no
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	8:54	0.0	no
07SP02	8:57	0.0	no
07SP03	8:58	0.0	no
07SP04	8:58	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-06 **Technician: Daniel Aleman**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:00	0.0	no
09SP02	8:02	0.0	no
09SP03	8:03	0.0	no
09SP04	8:04	0.0	no
09SP05	8:06	0.0	no
09SP06	8:08	0	no
09SP07	8:11	0	no
09SP08	8:12	N/A	no
09SP09	8:14	24.1	no
09SP010	8:16	N/A	no
09SP011	8:18	N/A	no
09SP012	8:19	N/A	no
Comments:	No vacuum		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:37	0.0	no
06SP02	8:38	0.0	no
Comments:	No vacuum		

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	8:48	0	no
Comments:	No vacuum		

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	8:56	0	no
07SP02	8:58	0	no
07SP03	8:59	0.0	no
07SP04	8:59	0	no
Comments:	No vacuum		

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-07 **Technician: Christian Villagomez**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	1:45	0	no
09SP02	1:45	0	no
09SP03	1:46	0	no
09SP04	1:46	0	no
09SP05	1:47	0	no
09SP06	1:48	0	no
09SP07	1:49	0	no
09SP08	1:50	N/A	no
09SP09	1:51	30.4	no
09SP010	1:51	N/A	no
09SP011	1:52	N/A	no
09SP012	1:53	N/A	no
Comments:	No vacuum		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	1:34	0	no
06SP02	1:35	0	no
Comments:	No vacuum		

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	2:06	0	no
Comments:	No vacuum		

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	2:11	0	no
07SP02	2:11	0	no
07SP03	2:12	0	no
07SP04	2:13	0	no
Comments:	No vacuum		

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-08 **Technician: Luis Cruz**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:48	0.0	no
09SP02	8:48	0.0	no
09SP03	8:49	0.0	no
09SP04	8:50	0.0	no
09SP05	8:51	0.0	no
09SP06	8:52	0.0	no
09SP07	8:53	0.0	no
09SP08	8:54	Liquid	no
09SP09	8:55	22.1	no
09SP010	8:56	Liquid	no
09SP011	8:57	Liquid	no
09SP012	8:57	Liquid	no
Comments:			

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	9:06	0.0	no
06SP02	9:06	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	9:13	0.0	no
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	9:21	0.0	no
07SP02	9:22	0.0	no
07SP03	9:22	0.0	no
07SP04	9:23	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-09 **Technician: Luis cruz**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:12	0.0	no
09SP02	8:12	0.0	no
09SP03	8:12	0.0	no
09SP04	8:14	0.0	no
09SP05	8:17	0.0	no
09SP06	8:18	0.0	no
09SP07	8:19	0.0	no
09SP08	8:21	Liquid	no
09SP09	8:49	19.1	no
09SP010	8:50	Liquid	no
09SP011	8:51	Liquid	no
09SP012	8:52	Liquid	no
Comments:			

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:57	0.0	no
06SP02	8:58	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	9:03	0.5	no
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	9:09	0.0	no
07SP02	9:10	0.0	no
07SP03	9:11	0.0	no
07SP04	9:11	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-10 **Technician: Angel javalera**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:46	0.0	no
09SP02	8:47	0.0	no
09SP03	8:47	0.0	no
09SP04	8:47	0.0	no
09SP05	8:48	1.0	no
09SP06	8:50	1.0	no
09SP07	8:51	1.1	no
09SP08	8:52	Liquid	no
09SP09	8:52	21.3	no
09SP010	8:54	Liquid	no
09SP011	8:55	Liquid	no
09SP012	8:55	Liquid	no
Comments:			

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	9:07	0.0	no
06SP02	9:07	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	9:15	-0.5	yes
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	9:37	0.0	no
07SP02	9:39	0.0	no
07SP03	9:40	0.0	no
07SP04	9:41	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-11 **Technician: Alex mayo**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:50	0.0	no
09SP02	8:51	0.0	no
09SP03	8:52	0.0	no
09SP04	8:53	0.0	no
09SP05	8:55	0.0	no
09SP06	8:55	0.0	no
09SP07	8:56	0.0	no
09SP08	8:58	0.0	no
09SP09	8:58	2.0 no vacuum	no
09SP010	8:59	Liquid	no
09SP011	9:01	0.0	no
09SP012	9:02	Liquid	no
Comments:	09SP09 - positive pressure, 09SP010 liquid , 09SP012 liquid		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	9:24	-0.9	yes
06SP02	9:25	-0.5	yes
Comments:	Low vacuum- 06SP01, 06SP02		

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	9:32	0.0	no
Comments:	No vacuum		

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	9:40	0.0	no
07SP02	9:42	0.0	no
07SP03	9:43	0.0	no
07SP04	9:43	0.0	no
Comments:	No vacuum		

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-12 **Technician: Alex mayo**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:07	0.0	no
09SP02	8:08	0.0	no
09SP03	8:08	0.0	no
09SP04	8:09	0.0	no
09SP05	8:11	0.0	no
09SP06	8:12	0.0	no
09SP07	8:12	0.0	no
09SP08	8:14	0.0	no
09SP09	8:14	2.9	no
09SP010	8:15	0.0	no
09SP011	8:16	0.0	no
09SP012	8:17	Liquid	no
Comments:			

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:25	-1.0	yes
06SP02	8:25	-0.7	yes
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	8:31	Liquid	no
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	8:40	0.0	no
07SP02	8:43	0.0	no
07SP03	8:44	0.0	no
07SP04	8:44	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-13 **Technician: Christian Villagomez**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	2:27	0	no
09SP02	2:27	0	no
09SP03	2:28	0	no
09SP04	2:28	0	no
09SP05	2:30	0	no
09SP06	2:30	0	no
09SP07	2:31	0	no
09SP08	2:32	0	no
09SP09	2:33	0	no
09SP010	2:33	N/A	no
09SP011	2:33	0	no
09SP012	2:34	N/A	no
Comments:	No vacuum		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	11:38	0	no
06SP02	11:39	0	no
Comments:	No vacuum		

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	11:11	-11.7	yes
Comments:	Vacuum		

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	11:22	0	no
07SP02	11:24	0	no
07SP03	11:24	0	no
07SP04	11:25	0	no
Comments:	No vacuum		

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Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-14 **Technician: Daniel Aleman**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	2:27	0	no
09SP02	2:27	0	no
09SP03	2:28	0	no
09SP04	2:28	0	no
09SP05	2:30	0	no
09SP06	2:30	0	no
09SP07	2:31	0	no
09SP08	2:32	0	no
09SP09	2:33	0	no
09SP010	2:33	N/A	no
09SP011	2:33	N/A	no
09SP012	2:34	N/A	no
Comments:	No vacuum		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	11:38	0	no
06SP02	11:39	0	no
Comments:	No vacuum		

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	11:11	-12.5	yes
Comments:	Vacuum		

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	11:22	0	no
07SP02	11:24	0	no
07SP03	11:24	0	no
07SP04	11:25	0	no
Comments:	No vacuum		

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-15 **Technician: Luis cruz**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:20	0.0	no
09SP02	8:21	0.0	no
09SP03	8:22	0.0	no
09SP04	8:23	0.0	no
09SP05	8:24	0.0	no
09SP06	8:25	0.0	no
09SP07	8:26	0.0	no
09SP08	8:27	0.0	no
09SP09	8:28	-0.7	yes
09SP010	8:29	Liquid	no
09SP011	8:30	0.0	no
09SP012	8:31	Liquid	no
Comments:			

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:47	0.0	no
06SP02	8:48	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	8:57	-0.8	yes
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	9:05	0.0	no
07SP02	9:06	0.0	no
07SP03	9:06	0.0	no
07SP04	9:07	0.0	no
Comments:			

SCS ENGINEERS

Chiquita Canyon Landfill
Daily Tank Vent Pressure Readings

Date: 2024-07-16 **Technician: Alex mayo**

Top Deck Storage Tanks - Tank Farm #9

Sample Port	Time	Pressure (in. WC)	Vacuum
09SP01	8:09	0.0	no
09SP02	8:09	0.0	no
09SP03	8:10	0.0	no
09SP04	8:10	0.0	no
09SP05	8:12	0.0	no
09SP06	8:13	0.0	no
09SP07	8:13	0.0	no
09SP08	8:14	0.0	no
09SP09	8:15	-2.1	yes
09SP010	8:15	0.0	no
09SP011	8:16	0.0	no
09SP012	8:17	Liquid	no
Comments:	09SP012-liquid		

North Side Receiving Tanks - Tank Farm #6

Sample Port	Time	Pressure (in. WC)	Vacuum
06SP01	8:30	0.0	no
06SP02	8:31	0.0	no
Comments:			

East Receiving Tanks - Tank Farm #2

Sample Port	Time	Pressure (in. WC)	Vacuum
02SP01	8:37	-8.4	yes
Comments:			

Cell 8 Receiving Tanks - Tank Farm #7

Sample Port	Time	Pressure (in. WC)	Vacuum
07SP01	8:47	0.0	no
07SP02	8:48	0.0	no
07SP03	8:49	0.0	no
07SP04	8:49	0.0	no
Comments:			

Attachment R

Leachate Tank Flow Summary Report

Tank Farm Flows Summary

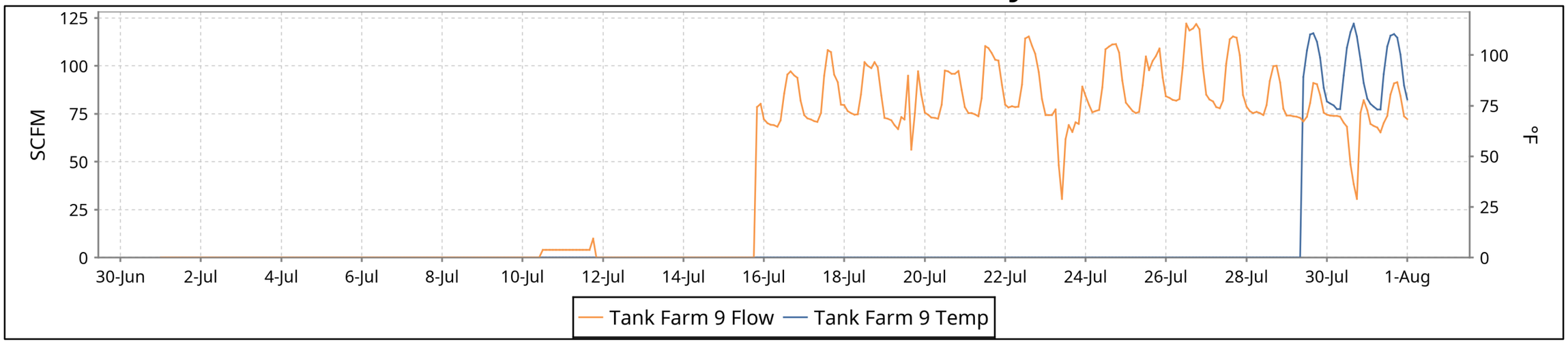
Chiquita Canyon Landfill
29201 Henry Mayo Dr
Castaic, CA 91384

SCS ENGINEERS

07224127.00 | Aug 20, 2024

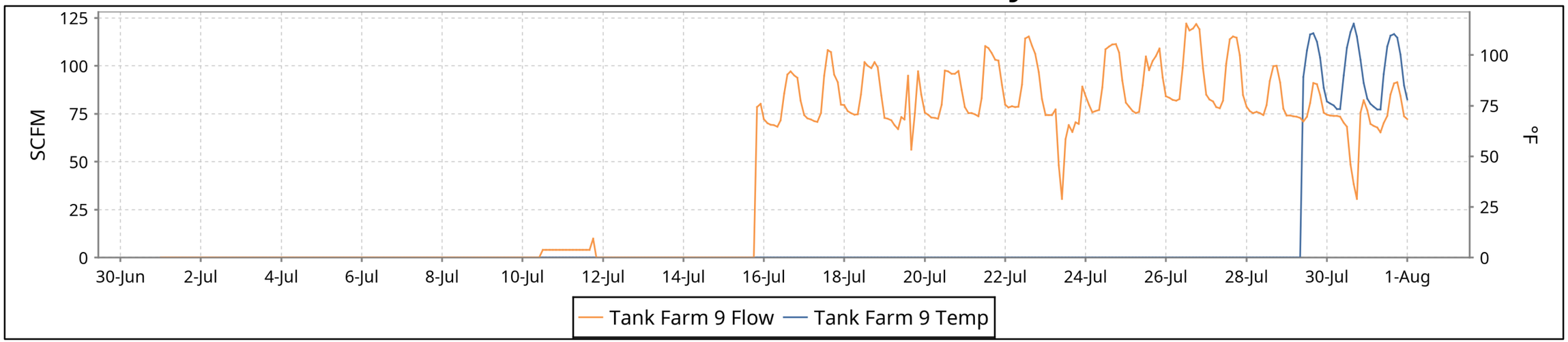
274 Granite Run Drive
Lancaster, PA 17601
717-550-6330

Tank Farm 9 Summary



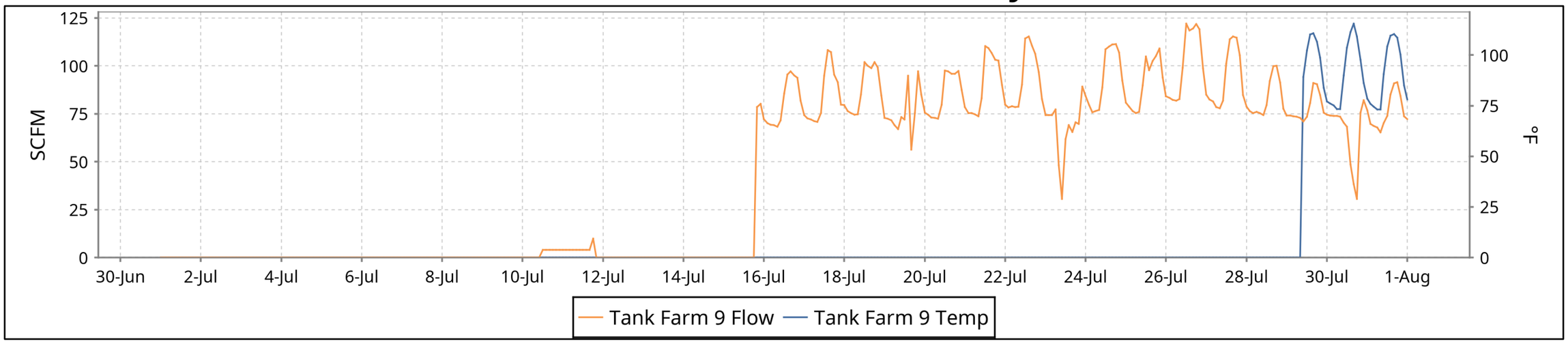
Date	Tank Farm 9 Flow (SCFM) Min	Ave	Max		Tank Farm 9 Temp (°F) Min	Ave	Max)		Total Tank 9 Flow (kSCF)
Jul 1, 2024	009.64	<N/A>_	009.64	053.92	<N/A>_	053.92			<NA>
Jul 2, 2024	008.51	<N/A>_	008.51	060.07	<N/A>_	060.07			<NA>
Jul 3, 2024	007.38	<N/A>_	007.38	066.22	<N/A>_	066.22			<NA>
Jul 4, 2024	006.25	<N/A>_	006.25	072.37	<N/A>_	072.37			<NA>
Jul 5, 2024	005.12	<N/A>_	005.12	078.52	<N/A>_	078.52			<NA>
Jul 6, 2024	003.99	<N/A>_	003.99	084.67	<N/A>_	084.67			<NA>
Jul 7, 2024	002.86	<N/A>_	002.86	090.82	<N/A>_	090.82			<NA>
Jul 8, 2024	001.73	<N/A>_	001.73	096.97	<N/A>_	096.97			<NA>
Jul 9, 2024	<N/A>_	<N/A>_	<N/A>_	103.11	<N/A>_	103.11			<NA>
Jul 10, 2024	<N/A>_	004.04	012.04	106.40	156.81	108.80			005.82
Jul 11, 2024	<N/A>_	003.84	081.11	098.40	116.05	108.00			005.53
Jul 12, 2024	<N/A>_	<N/A>_	<N/A>_	099.60	100.85	099.60			<NA>
Jul 13, 2024	<N/A>_	<N/A>_	<N/A>_	099.60	099.60	099.60			<NA>
Jul 14, 2024	<N/A>_	<N/A>_	<N/A>_	099.60	099.60	099.60			<NA>
Jul 15, 2024	<N/A>_	013.22	099.00	078.80	098.23	102.40			019.04

Tank Farm 9 Summary



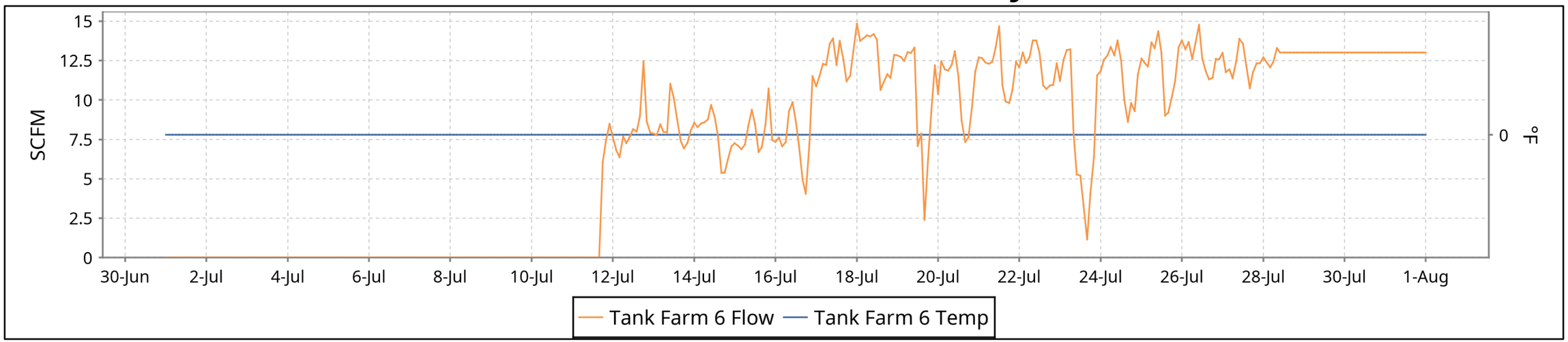
Date	Tank Farm 9 Flow (SCFM) Min	Ave	Max	Tank Farm 9 Temp (°F) Min	Ave	Max)	Total Tank 9 Flow (kSCF)
Jul 16, 2024	066.18	080.76	099.36	074.40	090.80	108.80	116.30
Jul 17, 2024	068.11	084.44	115.17	075.60	090.25	110.40	121.60
Jul 18, 2024	072.42	087.65	108.38	076.80	094.56	109.60	126.22
Jul 19, 2024	<N/A>_	075.56	102.13	074.80	102.12	105.60	108.80
Jul 20, 2024	070.04	084.95	102.27	075.60	096.76	104.80	122.33
Jul 21, 2024	071.11	090.24	117.23	078.40	093.59	115.20	129.95
Jul 22, 2024	074.26	092.53	120.45	078.00	106.07	112.80	133.24
Jul 23, 2024	<N/A>_	067.04	100.20	074.00	110.06	113.60	096.54
Jul 24, 2024	073.13	093.54	115.47	078.80	109.25	112.00	134.70
Jul 25, 2024	073.01	090.88	112.41	080.00	321.39	115.20	130.86
Jul 26, 2024	079.09	101.03	135.25	080.40	245.61	109.60	145.48
Jul 27, 2024	076.09	093.54	117.45	074.40	245.29	108.00	134.70
Jul 28, 2024	072.28	083.08	103.48	072.80	278.09	108.00	119.63
Jul 29, 2024	068.35	077.92	095.30	070.80	066.45	112.00	112.20
Jul 30, 2024	<N/A>_	065.30	089.09	072.40	090.83	118.40	094.03

Tank Farm 9 Summary



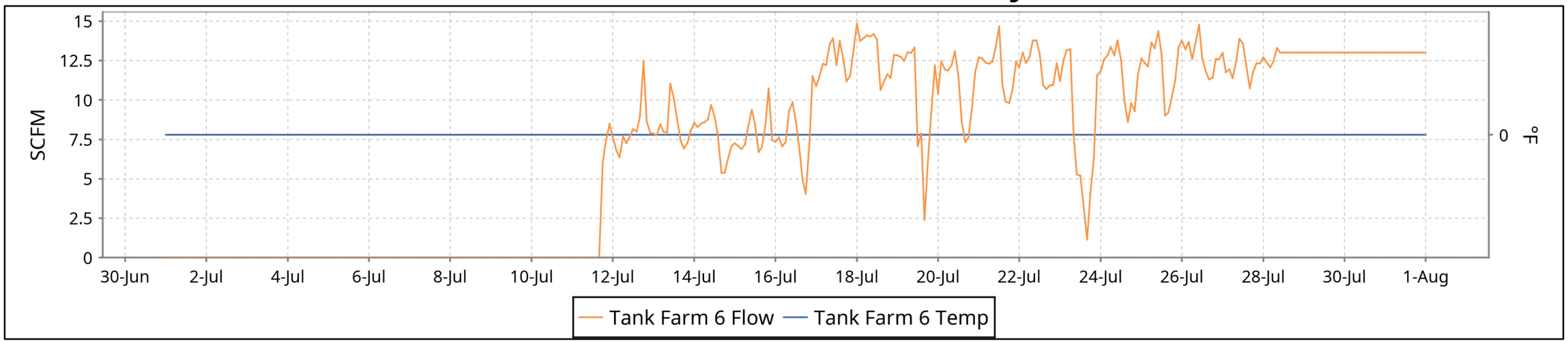
Date	Tank Farm 9 Flow (SCFM) Min	Ave	Max	Tank Farm 9 Temp (°F) Min	Ave	Max)	Total Tank 9 Flow (kSCF)
Jul 31, 2024	054.10	076.48	096.43	071.20	090.29	111.20	110.14
Summary	**001.73**	**071.90**	**135.25**	**053.92**	**131.93**	**118.40**	**1,967.10**

Tank Farm 6 Summary



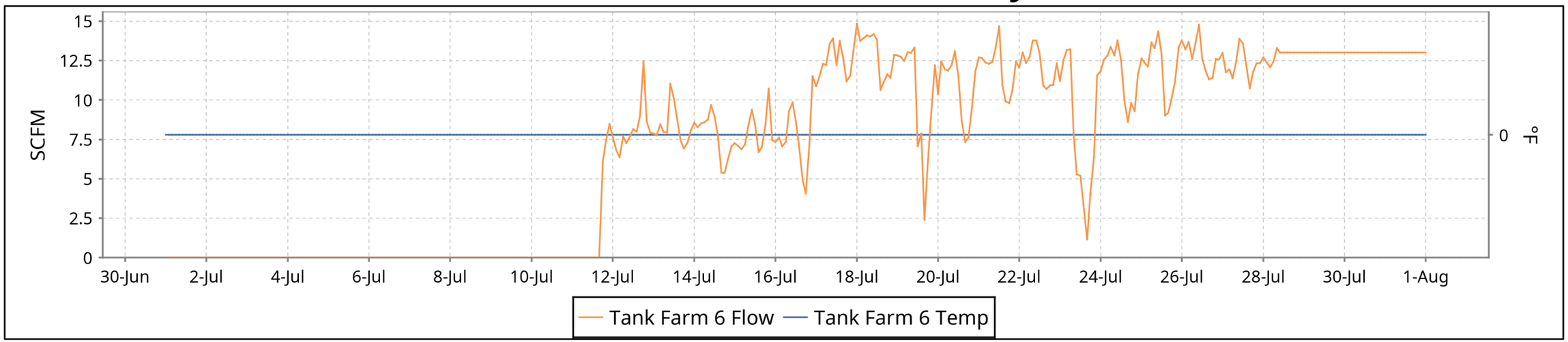
Date	Tank 6 Flow (SCFM) Min	Ave	Max	Tank 6 Temp (°F) Min	Ave	Max)	Total Tank 6 Flow (kSCF)
Jul 1, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 2, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 3, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 4, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 5, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 6, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 7, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 8, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 9, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 10, 2024	<N/A>_	<N/A>_	<N/A>_	102.00	102.00	102.00	<NA>
Jul 11, 2024	<N/A>_	001.83	010.05	088.40	102.87	108.00	002.63
Jul 12, 2024	<N/A>_	008.13	029.01	079.20	094.65	103.20	011.71
Jul 13, 2024	004.01	008.30	016.09	081.20	099.75	126.40	011.95
Jul 14, 2024	004.01	007.76	015.05	083.20	101.69	093.20	011.17
Jul 15, 2024	003.01	007.91	019.04	082.40	102.24	089.20	011.39

Tank Farm 6 Summary



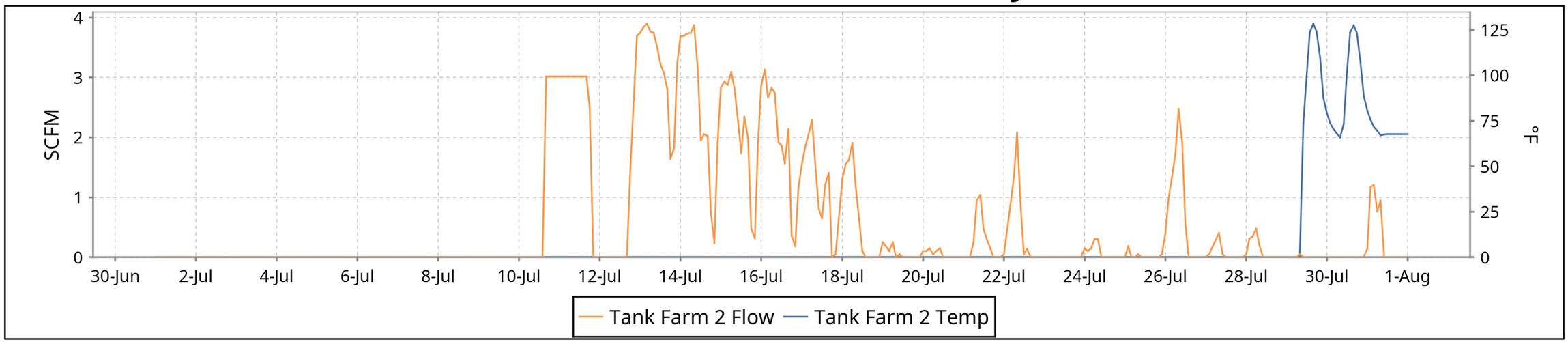
Date	Tank 6 Flow (SCFM) Min	Ave	Max	Tank 6 Temp (°F) Min	Ave	Max)	Total Tank 6 Flow (kSCF)
Jul 16, 2024	003.00	007.66	063.01	088.80	102.99	111.20	011.04
Jul 17, 2024	004.02	012.39	032.17	087.60	102.71	124.00	017.84
Jul 18, 2024	007.00	013.03	020.11	086.00	103.08	127.20	018.76
Jul 19, 2024	<N/A>_	010.20	023.05	086.80	104.78	128.80	014.69
Jul 20, 2024	005.01	010.70	024.08	089.20	107.52	094.40	015.41
Jul 21, 2024	005.00	012.01	059.17	091.20	107.25	128.80	017.30
Jul 22, 2024	005.01	012.21	037.23	088.80	107.06	128.00	017.59
Jul 23, 2024	<N/A>_	007.91	021.08	089.60	125.53	100.40	011.39
Jul 24, 2024	004.02	011.59	021.11	093.20	107.38	127.20	016.68
Jul 25, 2024	006.01	012.03	065.34	094.80	109.79	130.40	017.32
Jul 26, 2024	006.02	012.83	024.10	093.60	108.09	125.60	018.48
Jul 27, 2024	006.01	012.28	022.01	084.80	106.27	120.00	017.68
Jul 28, 2024	007.00	012.52	040.14	084.40	087.93	093.60	018.03
Jul 29, 2024	012.09	<N/A>_	012.09	084.80	<N/A>_	084.80	<NA>
Jul 30, 2024	011.53	<N/A>_	011.53	084.80	<N/A>_	084.80	<NA>

Tank Farm 6 Summary



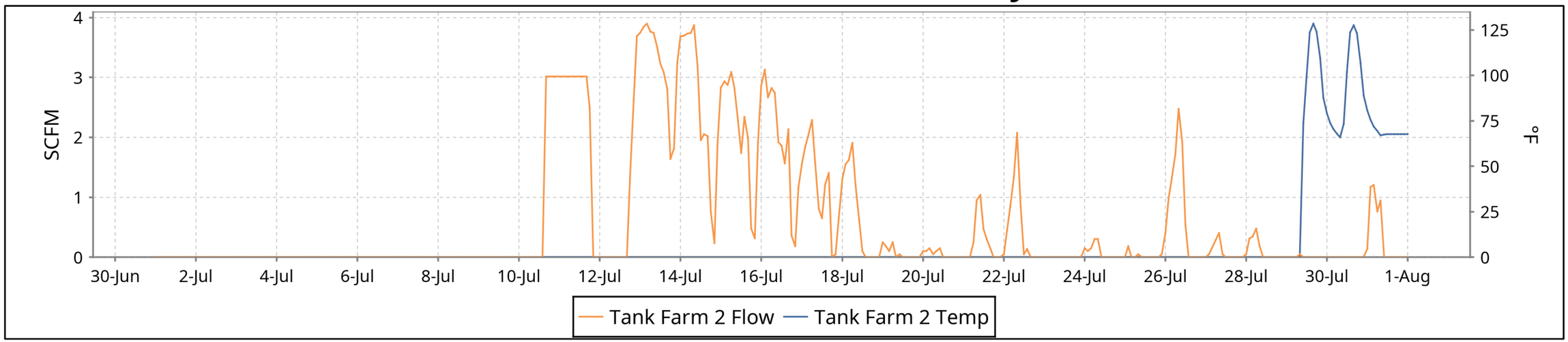
Date	Tank 6 Flow (SCFM) Min	Ave	Max		Tank 6 Temp (°F) Min	Ave	Max)		Total Tank 6 Flow (kSCF)
Jul 31, 2024	010.97	<N/A>_	010.97	084.80	<N/A>_	084.80			<NA>
Summary	**003.00**	**010.07**	**065.34**	**079.20**	**104.40**	**130.40**			**261.05**

Tank Farm 2 Summary



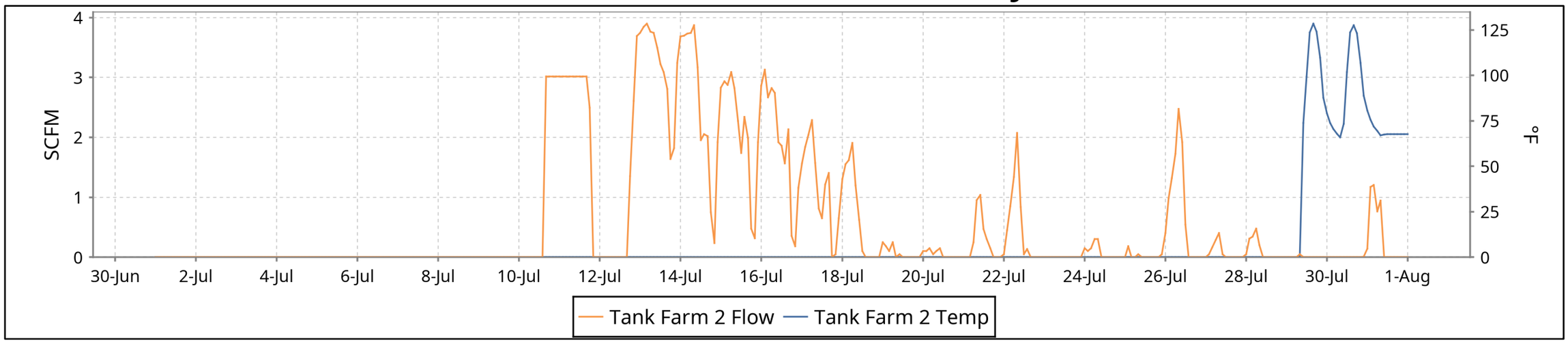
Date	Tank 2 Flow (SCFM) Min	Ave	Max	Tank 2 Temp (°F) Min	Ave	Max)	Total Tank 2 Flow (kSCF)
Jul 1, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 2, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 3, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 4, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 5, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 6, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 7, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 8, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 9, 2024	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<N/A>_	<NA>
Jul 10, 2024	003.01	003.01	003.01	096.40	097.48	096.40	004.34
Jul 11, 2024	<N/A>_	002.47	003.01	096.40	100.61	096.40	003.55
Jul 12, 2024	<N/A>_	<N/A>_	004.02	076.40	106.33	111.20	<NA>
Jul 13, 2024	<N/A>_	003.19	005.03	066.00	089.70	068.40	004.60
Jul 14, 2024	<N/A>_	002.57	005.03	064.80	087.87	123.20	003.70
Jul 15, 2024	<N/A>_	002.14	004.03	063.60	101.09	120.80	003.08

Tank Farm 2 Summary



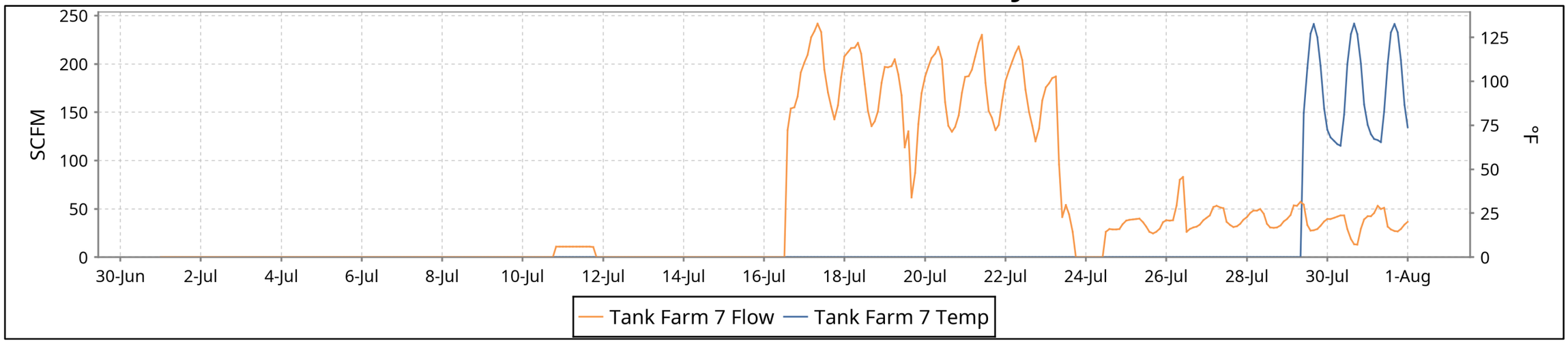
Date	Tank 2 Flow (SCFM) Min	Ave	Max		Tank 2 Temp (°F) Min	Ave	Max)	Total Tank 2 Flow (kSCF)
Jul 16, 2024	<N/A>_	001.95	005.03	065.60	098.56	120.00		002.81
Jul 17, 2024	<N/A>_	001.17	004.03	067.20	092.69	120.00		001.69
Jul 18, 2024	<N/A>_	<N/A>_	004.03	073.60	134.88	125.60		<NA>
Jul 19, 2024	<N/A>_	<N/A>_	003.01	069.60	123.80	125.60		<NA>
Jul 20, 2024	<N/A>_	<N/A>_	003.01	070.80	098.31	128.80		<NA>
Jul 21, 2024	<N/A>_	<N/A>_	003.02	074.80	098.15	127.20		<NA>
Jul 22, 2024	<N/A>_	<N/A>_	005.03	074.00	103.52	129.60		<NA>
Jul 23, 2024	<N/A>_	<N/A>_	<N/A>_	074.00	099.51	136.80		<NA>
Jul 24, 2024	<N/A>_	<N/A>_	003.01	075.60	098.49	125.60		<NA>
Jul 25, 2024	<N/A>_	<N/A>_	004.03	076.00	107.35	132.00		<NA>
Jul 26, 2024	<N/A>_	<N/A>_	004.03	076.00	113.47	127.20		<NA>
Jul 27, 2024	<N/A>_	<N/A>_	003.01	068.80	103.04	105.60		<NA>
Jul 28, 2024	<N/A>_	<N/A>_	003.01	065.60	104.27	122.40		<NA>
Jul 29, 2024	<N/A>_	<N/A>_	003.00	063.60	063.61	129.60		<NA>
Jul 30, 2024	<N/A>_	<N/A>_	<N/A>_	065.20	091.91	129.60		<NA>

Tank Farm 2 Summary



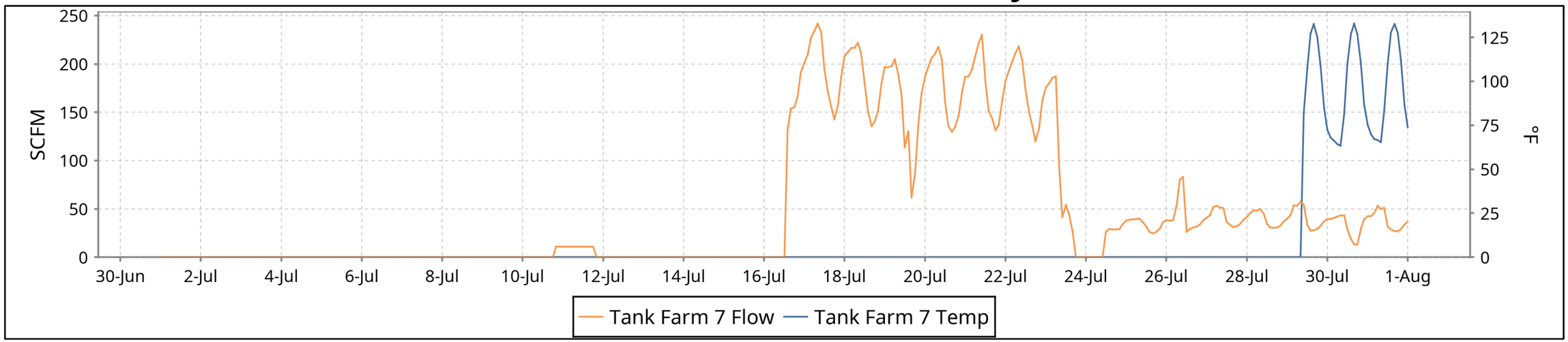
Date	Tank 2 Flow (SCFM) Min	Ave	Max	Tank 2 Temp (°F) Min	Ave	Max)	Total Tank 2 Flow (kSCF)
Jul 31, 2024	<N/A>_	<N/A>_	007.01	065.60	072.53	084.40	<NA>
Summary	**003.01**	**002.36**	**007.01**	**063.60**	**099.42**	**136.80**	**023.76**

Tank Farm 7 Summary



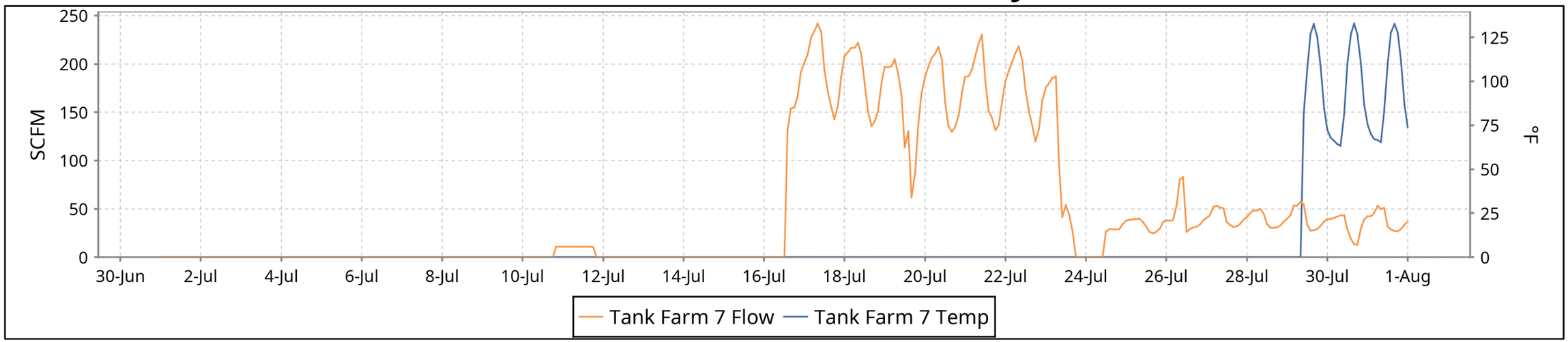
Date	Tank 7 Flow (SCFM) Min	Ave	Max		Tank 7 Temp (°F) Min	Ave	Max)		Total Tank 7 Flow (kSCF)
Jul 1, 2024	010.55	<N/A>_	010.55	092.55	<N/A>_	092.55			<NA>
Jul 2, 2024	010.61	<N/A>_	010.61	092.49	<N/A>_	092.49			<NA>
Jul 3, 2024	010.66	<N/A>_	010.66	092.43	<N/A>_	092.43			<NA>
Jul 4, 2024	010.71	<N/A>_	010.71	092.37	<N/A>_	092.37			<NA>
Jul 5, 2024	010.77	<N/A>_	010.77	092.30	<N/A>_	092.30			<NA>
Jul 6, 2024	010.82	<N/A>_	010.82	092.24	<N/A>_	092.24			<NA>
Jul 7, 2024	010.87	<N/A>_	010.87	092.18	<N/A>_	092.18			<NA>
Jul 8, 2024	010.93	<N/A>_	010.93	092.12	<N/A>_	092.12			<NA>
Jul 9, 2024	010.98	<N/A>_	010.98	092.05	<N/A>_	092.05			<NA>
Jul 10, 2024	011.02	011.02	011.02	092.00	092.00	092.00			015.87
Jul 11, 2024	<N/A>_	009.12	014.00	092.00	096.45	117.60			013.14
Jul 12, 2024	<N/A>_	<N/A>_	<N/A>_	117.60	117.60	117.60			<NA>
Jul 13, 2024	<N/A>_	<N/A>_	<N/A>_	117.60	117.60	117.60			<NA>
Jul 14, 2024	<N/A>_	<N/A>_	<N/A>_	117.60	117.60	117.60			<NA>
Jul 15, 2024	<N/A>_	<N/A>_	<N/A>_	117.60	117.60	117.60			<NA>

Tank Farm 7 Summary



Date		Tank 7 Flow (SCFM) Min	Ave	Max		Tank 7 Temp (°F) Min	Ave	Max)	Total Tank 7 Flow (kSCF)
Jul 16, 2024	<N/A>_	066.44	205.08	078.80		114.79	124.80		095.68
Jul 17, 2024	135.20	196.12	252.09	066.40		091.41	127.20		282.41
Jul 18, 2024	125.25	185.35	231.06	068.80		093.93	128.80		266.90
Jul 19, 2024	004.02	154.36	218.49	066.00		094.50	132.00		222.27
Jul 20, 2024	123.08	175.13	227.69	066.80		095.15	132.80		252.19
Jul 21, 2024	122.10	177.86	254.00	069.60		096.60	130.40		256.12
Jul 22, 2024	109.46	173.84	224.77	068.00		095.53	132.00		250.34
Jul 23, 2024	<N/A>_	082.53	210.23	071.20		100.90	138.40		118.84
Jul 24, 2024	<N/A>_	014.69	037.09	070.00		101.67	134.40		021.16
Jul 25, 2024	019.10	033.71	042.25	072.00		100.51	139.20		048.55
Jul 26, 2024	022.03	043.36	292.85	071.20		139.54	112.00		062.44
Jul 27, 2024	029.04	041.49	158.56	064.00		141.45	130.40		059.75
Jul 28, 2024	028.02	039.53	104.20	061.60		097.08	120.80		056.92
Jul 29, 2024	024.06	040.73	172.85	060.80		065.08	133.60		058.65
Jul 30, 2024	008.05	032.61	097.04	062.40		092.34	133.60		046.96

Tank Farm 7 Summary



Date		Tank 7 Flow (SCFM) Min	Ave	Max		Tank 7 Temp (°F) Min	Ave	Max)	Total Tank 7 Flow (kSCF)
Jul 31, 2024	024.03	038.37	278.35	064.80		093.66	132.80		055.25
Summary	**004.02**	**084.24**	**292.85**	**060.80**		**103.32**	**139.20**		**2183.42**