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 H TO DECLARATION OF PATRICK SULLIVAN, BCES, CPP, REPA

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

Hearing Date:	June 4 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

September 20, 2024
File No. 01204123.25, Task 10

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, CA 91765-4182

Subject: August 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, April 24, 2024, and August 27, 2024.

This report covers the monthly period for August 2024. Per Condition No. 8, the monthly report for August 2024 shall be due on the 20th of the month, September 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 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, March 21, 2024, April 24, 2024, and August 27, 2024 after hearings before the SCAQMD Hearing Board. This monthly report follows the approved conditions for the SOFA last modified on August 27, 2024, as appropriate. New or modified conditions are underlined below.

[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, April 24, 2024, and August 27, 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:

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 <u>and</u> landfill surface*

monitoring grids, and outlines of the areas demarcated as exempt in the attached Exhibit A 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.*

R. *Daily landfill gas composition analysis, including CH4%, CO concentration (ppm), CO2%, and O2%, as recorded by a real time analyzer and/or sample collected, at the inlets of the control equipment (TOx, Flares, and any additional control equipment brought on site to combust landfill gas). The analysis shall be conducted by a South Coast AQMD approved analyzer for CH4, CO2, or O2 and analyzed pursuant to U.S. EPA Method 10 or Method ALT-144 for CO. Request for approval shall include submittal of analyzer specifications.*

S. *Updates regarding the procurement of the equipment needed to construct Flare No. 4 pursuant to Condition No. 74.*

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. 42(w), these monthly reports must also include the following, in relevant part:

If a South Coast AQMD Rule 402 Nuisance Notice of Violation is received by the Respondent during excavation, or a distinct odor (level 3 or greater per below Odor Scale) resulting from the excavation is detected at or beyond the property line, then the Respondent shall, in accordance with its Health and Safety Plan, conduct ambient air quality sampling within 2 hours of receipt of Rule 402 Nuisance Notice of Violation or of when a distinct odor (level 3 or greater) is detected at or beyond the property line and analyze for TOC and speciated TOCs as follows:

Odor Scale	*Description of Odor Intensity*
0	*No odor detected*
1	*Very light odor detected*
2	*Light odor detected, distinguishable*
3	*Moderate odor, very distinguishable*
4	*Strong odor, very distinguishable, irritable*
5	*Very strong odor, very distinguishable, overpowering*

i. Samples shall be collected at the following locations: immediately upwind of the excavation site, immediately downwind of the excavation site, within 3 inches of the exposed excavation workface, safety permitting, and at the downwind property line, or other location(s) approved in writing by South Coast AQMD. If deemed unsafe, Respondent shall document the date and conditions preventing compliance with this condition. Records of such conditions shall be submitted in the following monthly report pursuant to Condition 8.

Pursuant to Condition No. 42(x), these monthly reports must also include the following, in relevant part:

During excavation, TOC and speciated TOC ambient air sampling shall be conducted at least once between the hours of 6:00am and 11:00am, and at least once between the hours of 2:00pm and 6:00pm, according to Respondent's Health and Safety Plan and the following requirements:

i. Samples shall be collected at the following locations: immediately upwind of the excavation site, immediately downwind of the excavation site, within 3 inches of the exposed excavation workface, safety permitting, and at the downwind property line, or other location(s) approved in writing by South Coast AQMD. If deemed unsafe, Respondent shall document the date and conditions preventing compliance with this condition. Records of such conditions shall be submitted in the following monthly report pursuant to Condition 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 readings that indicate the lowest value of the gauge or the highest value of the gauge, shall be reported using significant digits to the hundredths place as "<= [lowest value on gauge] (e.g. <= -0.50 inches water column)" and ">= [highest value on gauge] (e.g. >= 0.50 inches water column)", respectively. The tanks shall be maintained under negative pressure, as demonstrated by differential pressure readings. Zero and positive pressure readings do not demonstrate negative pressure. 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.

Pursuant to Condition No. 80, these monthly reports must also include the following:

Whenever South Coast AQMD permitted Various Location equipment or CARB Statewide Portable Equipment Registration (PERP) permitted equipment is brought or operated on site, the Respondent shall:

a. Notify South Coast AQMD in writing of the date and time that the equipment is brought to the facility in the corresponding monthly report per Condition No. 8 and include a copy of the various locations permit(s) and/or PERP permit(s) in the corresponding monthly report per Condition No. 8.

b. Maintain a daily log including the following information for each permit unit: permit number and/or registration number, application number (if applicable), equipment location, and start and end time of equipment operation (as applicable). Respondent shall submit the daily log in the in the corresponding monthly report per Condition No. 8.

c. Notify South Coast AQMD in writing of the date and time that the equipment is removed from the facility in the corresponding 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 August 1, 2024 and August 31, 2024. Tedlar bag samples were collected and analyzed by SCAQMD Method 307.91 for hydrogen sulfide, reduced sulfur compounds, and speciated organic compounds. 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 August 12, 2024 (reported on August 20, 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 August 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
8/1/24	FL-2009	38	35.7	276	404.5	160	187	276	612.4
8/2/24	FL-2009	38	38.7	247	365.3	150	169	296	627.7
8/3/24	FL-2009	40	45.4	249	377.2	150	158	243	534.3
8/4/24	FL-2009	5	28	287	397.3	200	192	273	613.3
8/5/24	FL-2009	39	55.4	244	387.0	150	173	254	566.0
8/6/24	FL-2009	48	59.4	254	400.3	100	148	256	541.0
8/7/24	FL-2009	55	59.7	254	402.0	140	152	272	570.1
8/8/24	FL-2009	35	52.6	230	364.0	180	170	411	772.5
8/9/24	FL-2009	18	32.1	269	367.5	140	188	387	785.2
8/10/24	FL-2009	46	54.2	220	336.7	190	185	365	744.3
8/11/24	FL-2009	3	7.87	230	290.2	150	189	422	833.6
8/12/24	FL-2009	8	11	246	328.5	180	193	386	777.9
8/13/24	FL-2009	12	14.4	215	298.9	210	199	376	770.8
8/14/24	FL-2009	8	18.2	253	355.6	160	185	343	710.8
8/15/24	FL-2009	12	19.1	239	338.2	200	216	387	806.7
8/16/24	FL-2009	8	12.3	296	403.4	160	263	489	1017.5
8/17/24	FL-2009	20	22.5	238	335.6	200	244	435	903.9
8/18/24	FL-2009	12	18.1	277	380.2	200	222	378	811.3
8/19/24	FL-2009	20	24	238	344.6	200	252	424	909.4
8/20/24	FL-2009	13	17.4	271	377.2	150	192	331	705.1
8/21/24	FL-2009	20	26.9	256	374.8	200	184	294	637.3
8/22/24	FL-2009	20	24	267	370.6	180	185	289	626.3
8/23/24	FL-2009	20	23.1	253	352.9	180	168	282	603.8
8/24/24	FL-2009	12	13.8	262	351.3	140	174	336	673.0
8/25/24	FL-2009	4	4.63	298	383.6	300	198	373	752.5
8/26/24	FL-2009	7	9.08	275	361.6	200	192	325	673.6
8/27/24	FL-2009	5	6.29	295	412.3	150	181	382	750.6
8/28/24	FL-2009	10	11.2	277	383.1	190	178	345	694.3
8/29/24	FL-2009	12	12.5	267	358.3	200	165	328	648.7
8/30/24	FL-2009	10	12.4	267	366.4	180	182	328	671.5
8/31/24	FL-2009	14	16.3	250	339.1	Zeeco Offline	N/A	N/A	N/A

*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/flare (under Zeeco A/N 653611), 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, 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**.

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 August 18 and 31, 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 August 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 three times per month, at intervals no more than once every 7 days (unless conducting additional monitoring events exceeding three per month), and additionally across the remainder of the landfill at least four times per quarter 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 three times per month, at intervals no more than once every 7 days (unless conducting additional monitoring events exceeding three per month), and additionally across the remainder of the landfill at least four times per quarter 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).

- August's integrated landfill surface sampling was completed on August 7, 8, 20, 21, and 28, 2024, resulting in exceedances on August 7, 8, 20, 21, and 28, 2024.
    - The 10-day Corrective Action and follow-up monitoring was completed for the August 7 and 8, 2024 exceedances on August 16, 2024, and showed compliant readings.
    - The 10-day Corrective Action and follow-up monitoring was completed for the August 20 and 21, 2024 exceedances on August 29, 2024, and showed exceedances. A second 10-day Corrective Action and follow-up monitoring was completed in September and will be summarized in the next monthly report.
    - The 10-day Corrective Action and follow-up monitoring was completed for the August 28, 2024 exceedances on September 6, 2024, and will be summarized in the next monthly report.
- As stated in the last monthly report, 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.
- August's instantaneous landfill surface monitoring was conducted on August 8, 13, 14, and 27, 2024, resulting in exceedances on August 8, 13, 14, and 27, 2024.
    - The 10-day Corrective Action and follow-up monitoring was completed for the August 8, 2024 exceedances on August 16, 2024, and showed compliant readings.
    - The 10-day Corrective Action and follow-up monitoring was completed for the August 13 and 14, 2024 exceedances on August 22, 2024, and showed exceedances. A second 10-day Corrective Action and follow-up monitoring occurred for these exceedances on August 29, 2024, and showed compliant readings.
    - The 10-day Corrective Action and follow-up monitoring was completed for the August 27, 2024 exceedances on September 6, 2024, and showed compliant readings.
    - The 1-month re-monitoring event was conducted on September 6, 2024, for the August 8, 2024 exceedances, and showed compliant readings.
    - The 1-month re-monitoring events have been or will be performed in September for the exceedances on August 13, 14, and 27, 2024, and will be summarized in the next monthly report.

- As stated in the last monthly report, 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.

    - As further stated in the last monthly report, the 10-day Corrective Action and follow-up monitoring was completed on July 10, 2024 for the exceedances on July 3, 2024, and on July 25, 2024 for the exceedances on July 16, 2024, and showed compliant readings.

    - The 10-day Corrective Action and follow-up monitoring was completed on August 9, 2024 for the exceedances on July 30 and 31, 2024, and showed compliant readings.

    - The 1-month re-monitoring was conducted on August 2 for the exceedances on July 3, and on August 15 for the exceedances on July 16, and showed compliant readings.

    - The 1-month re-monitoring was conducted on August 29, 2024 for the exceedances on July 30 and 31, 2024 and showed exceedances. The corrective action for these exceedances was conducted in September and will be summarized in the next monthly report.

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

Section D – Schedule for Replacement or Refurbishment of Granular Activated Carbon Media

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 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 (August 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 was slowly brought online on August 27, 2024 and fully online on September 7, 2024.

After a vessel is refilled with fresh media, it will be brought online prior to isolating the next vessel to be changed out. The vessel change out frequency has been shortened to approximately 2 weeks. Vessel ST-1 change out was completed on August 12 through August 13, 2024, filling with 25,000 pounds of Darco BG1 granular activated carbon. A repair to ST-1's outlet piping was completed on August 15 - 16, 2024. On August 16, 2024, vessel ST-1 was slowly brought online to control the rise in temperature of the outlet gas and was fully online on August 23, 2024. Vessel ST-4 change out was completed on August 26 through August 27, 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 September 8, 2024. At the end of the reporting period (August 31, 2024), three vessels (ST-1, ST-2, and ST-3) were online processing the LFG. The next change out was started on September 10, 2024 and completed on September 11, 2024 at vessel ST-3 filling with 25,000 pounds of Darco BG1 granular activated carbon.

The LFGTS inlet temperatures have been below 145°F. Daily vessel inlet temperatures are manually recorded and available in **Attachment D**.

Section E – Description of Problems or Delays

> **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.**

With the repair to vessel ST-2 completed, three vessels will be online at all times with one vessel slowly brought online to avoid damaging the fiber reinforced plastic (FRP) due to the increase in temperature of the LFG when exposed to fresh media.

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, temperature probe, 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.

Graphic maps with the above information are 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 August. CCL had completed the installation of 87 pumps in vertical extraction wells, and was operating 78 pumps in vertical LFG extraction wells as of August 30, 2024. Additional time beyond installing new pumps was spent installing additional leachate and air supply line infrastructure, transitioning from existing operating pneumatic pumps to Lorentz pumps, and cleaning and maintaining the already installed pumps.

Section J – Status of Investigation for Alternate Sulfur Compound Treatment Systems

> **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 were included in last month's report.

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 commenced the installation of a toe collector in conjunction with the west scrim project on August 8, 2024, and has continued with this project. CCL also has continued the expansion of the leachate collection system and header system in areas that the geomembrane cap has been completed, and the upgrading 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 August 2024. Results of the daily inspection and the repair log are provided in **Attachment H**. 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 and landfill surface monitoring grids, and outlines of the areas demarcated as exempt in the attached Exhibit A 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 August 2024, 12 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 12 new vertical wells installed in August 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 areas demarcated as exempt, and the 12 wells installed in August along with their associated well logs is included in **Attachments I-1 and I-2**. Subsequent additions to

the system will be documented in these monthly reports. As of August 31, 2024, CCL had completed the installation of a total of 201 wells (equivalent to 92%).

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 87 pumps in vertical extraction wells and was operating 78 pumps in vertical LFG extraction wells as of August 30, 2024. Additional time beyond installing new pumps was spent installing additional leachate and air supply line infrastructure, transitioning from existing operating pneumatic pumps to Lorentz pumps, and cleaning and maintaining the already installed 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.

As of August 31, 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. CCL's request and the Local Enforcement Agency's response was attached to last month's report. 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: Liner repairs are being made as needed as the west toe drain installation advances.

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 August 2024.

Clearing and Grubbing: No clearing and grubbing was completed in August 2024 due to the west toe drain installation work. Future clearing and grubbing will continue as cover construction progresses.

Landfill Gas (LFG) Surface/Horizontal Collectors: CCL began installation of the toe collector in conjunction with the west scrim project.

Bench Grading: All necessary bench grading has been completed.

Subgrade Prep: No subgrade prep was completed in August 2024 due to the west toe drain installation work. 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: No geosynthetic cover placement was completed in August 2024 due to the west toe drain installation work. The total acreage of geosynthetic cover installed is approximately 41 acres as of August 31, 2024.

Bench Collector & Operations Layer: As noted in CCL's October 31 update, this work will begin after completion of the west toe drain installation work.

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.**

Installation of the west slope toe drain began on August 8, 2024, resulting in excavation of waste. During the excavation of the west slope toe drain area in August, the waste was observed as saturated where in direct contact with the liner, and moist but not saturated on the slope of the excavation. Waste that was excavated from the west slope toe drain was disposed in accordance with the west toe work plan. A map with the excavation and disposal locations identified is provided in **Attachment I-1**.

In August 2024, a total of 12 vertical wells were drilled, resulting in the excavation of waste. During the excavation of these 12 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 I-2.**

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 August 2024 and are included in **Attachment J**.

> 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 K**.

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 L**. Chiquita began treating leachate onsite in February 2024. Details regarding the quantity of leachate treated onsite is also included in **Attachment L**. 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 August 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

Facility Name	Hazardous/Non-Hazardous	Contracted Capacity	Maximum Available Capacity
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

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. No maintenance was performed in August 2024, but maintenance is scheduled for the second half of September 2024. A description of the September maintenance activities and copies of the associated Field Data Sheets will be included in the next monthly report.

Section T – Total Organic Carbon (TOC) Sampling During Nuisance Events and Excavation

Pursuant to Condition No. 42(w), these monthly reports must include the following:

> *Condition No. 42(w). If a South Coast AQMD Rule 402 Nuisance Notice of Violation is received by the Respondent during excavation, or a distinct odor (level 3 or greater per below Odor Scale) resulting from the excavation is detected at or beyond the property line, then the Respondent shall, in accordance with its Health and Safety Plan, conduct ambient air quality sampling within 2 hours of receipt of Rule 402 Nuisance Notice of Violation or of when a distinct odor (level 3 or greater) is detected at or beyond the property line and analyze for TOC and speciated TOCs as follows:*
>
> | *Odor Scale* | *Description of Odor Intensity* |
> |---|---|
> | *0* | *No odor detected* |
> | *1* | *Very light odor detected* |
> | *2* | *Light odor detected, distinguishable* |
> | *3* | *Moderate odor, very distinguishable* |
> | *4* | *Strong odor, very distinguishable, irritable* |
> | *5* | *Very strong odor, very distinguishable, overpowering* |
>
> *ii. Samples shall be collected at the following locations: immediately upwind of the excavation site, immediately downwind of the excavation site, within 3 inches of the exposed excavation workface, safety permitting, and at the downwind property line, or other location(s) approved in writing by South Coast AQMD. If deemed unsafe, Respondent shall document the date and conditions preventing compliance with this condition. Records of such conditions shall be submitted in the following monthly report pursuant to Condition 8.*

TOC samples were measured consistently in the month of August, without any unsafe conditions preventing compliance.

Pursuant to Condition No. 42(x), these monthly reports must also include the following:

> *Condition No. 42(x). During excavation, TOC and speciated TOC ambient air sampling shall be conducted at least once between the hours of 6:00am and 11:00am, and at least once between the hours of 2:00pm and 6:00pm, according to Respondent's Health and Safety Plan and the following requirements:*
>
> *i. Samples shall be collected at the following locations: immediately upwind of the excavation site, immediately downwind of the excavation site, within 3 inches of the exposed excavation workface, safety permitting, and at the downwind property line, or other location(s) approved in writing by South Coast AQMD. If deemed unsafe, Respondent shall document the date and conditions preventing*

compliance with this condition. Records of such conditions shall be submitted in the following monthly report pursuant to Condition 8.

TOC samples were measured consistently in the month of August, without any unsafe conditions preventing compliance.

Section U – 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 August 2024 is zero.

Section V – Records of Leachate Tank Pressure/Flow 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 readings that indicate the lowest value of the gauge or the highest value of the gauge, shall be reported using significant digits to the hundredths place as "<= [lowest value on gauge] (e.g. <= -0.50 inches water column)" and ">= [highest value on gauge] (e.g. >= 0.50 inches water column)", respectively. The tanks shall be maintained under negative pressure, as demonstrated by differential pressure readings. Zero and positive pressure readings do not demonstrate negative pressure. 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.

As required by Condition 68, Chiquita completed installation of differential pressure gauges on each leachate storage tank on July 10, 2024, following its June 12, 2024 request for an extension and subsequent documentation of manufacturer delays in delivering the pressure gauges to the site. Following installation, Chiquita experienced complications with regards to their implementation. As a result, Chiquita was unable to document the pressure readings for the months of July and part of August 2024. Chiquita resolved the operational issues as of August 28, 2024, and differential pressure readings for August 29, 30, and 31, 2024, are included as Attachment M.

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. CCL has not yet received written approval of the revised source test protocol.

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 N**.

Section W – Landfill Gas Composition Readings

> *Condition No. 8(r). Daily landfill gas composition analysis, including CH4%, CO concentration (ppm), CO2%, and O2%, as recorded by a real time analyzer and/or sample collected, at the inlets of the control equipment (TOx, Flares, and any additional control equipment brought on site to combust landfill gas). The analysis shall be conducted by a South Coast AQMD approved analyzer for CH4, CO2, or O2 and analyzed pursuant to U.S. EPA Method 10 or Method ALT-144 for CO. Request for approval shall include submittal of analyzer specifications.*

Beginning on August 28, 2024, additional analyses for the TOx and flares were requested with permanent gases (CO2, O2, and N2) analyzed by ASTM Method D1946 and CO by EPA Method ALT-144. Analytical results are included in **Attachment A**.

Section X – Progress on Construction of Flare No. 4

> *Condition No. 74. Respondent shall expedite the procurement of the equipment needed to construct Flare No. 4 to the maximum extent feasible such that Flare No. 4 is ready to be constructed and put into operation as soon as possible after Respondent receives all necessary permits or other approvals. Respondent shall provide updates on the procurement of this equipment in the monthly report pursuant to Condition 8(s).*

Chiquita and SCS Engineers have been working with John Zink, Inc., to receive a final quote for Flare No. 4 by the end of October 2024.

Section Y – Various Location Equipment Tracking

> *Condition No. 80. Whenever South Coast AQMD permitted Various Location equipment or CARB Statewide Portable Equipment Registration (PERP) permitted equipment is brought or operated on site, the Respondent shall:*
>
> a. *Notify South Coast AQMD in writing of the date and time that the equipment is brought to the facility in the corresponding monthly report per Condition No. 8 and include a copy of the various locations permit(s) and/or PERP permit(s) in the corresponding monthly report per Condition No. 8.*
>
> b. *Maintain a daily log including the following information for each permit unit: permit number and/or registration number, application number (if applicable), equipment location, and start and end time of equipment operation (as applicable). Respondent shall submit the daily log in the in the corresponding monthly report per Condition No. 8.*

c. Notify South Coast AQMD in writing of the date and time that the equipment is removed from the facility in the corresponding monthly report per Condition No. 8.

No such equipment was brought or operated on site during this reporting period; any records for such equipment brought or operated on site in September will be provided in next month's report.

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

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 1, 2024
Date Received: August 1, 2024
Date Analyzed: August 1, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22144-13
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	187
Carbonyl sulfide	<0.80
Methyl mercaptan	132
Ethyl mercaptan	1.58
Dimethyl sulfide	276
Carbon disulfide	<0.80
i-Propyl mercaptan	1.35
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.03
s-Butyl mercaptan	4.37
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.60
Unidentified sulfurs	4.45
	(Concentration in ppmv, as H_2S)
Total Sulfur	612.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	189	184	187	2.7
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	133	131	132	1.5
Ethyl mercaptan	Zeeco Inlet	1.54	1.61	1.58	4.4
Dimethyl sulfide	Zeeco Inlet	275	276	276	0.36
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.33	1.37	1.35	3.0
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	3.82	4.25	4.03	11
s-Butyl mercaptan	Zeeco Inlet	4.45	4.28	4.37	3.9
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.72	2.48	2.60	9.2
Unidentified sulfurs	Zeeco Inlet	4.52	4.39	4.45	2.8

One Tedlar bag sample, laboratory number 22144-13, 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 4.3%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 1, 2024
Date Received: August 1, 2024
Date Analyzed: August 1, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22144-14
Sample I.D.:	FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	35.7
Carbonyl sulfide	0.99
Methyl mercaptan	25.1
Ethyl mercaptan	0.51
Dimethyl sulfide	276
Carbon disulfide	<0.50
i-Propyl mercaptan	1.11
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.89
s-Butyl mercaptan	4.26
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.0
Tetrahydrothiophene	2.50
Unidentified sulfurs	32.6
	(Concentration in ppmv, as H_2S)
Total Sulfur	404.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	35.3	36.0	35.7	2.0
Carbonyl sulfide	FL-2009 Inlet	1.00	0.98	0.99	2.0
Methyl mercaptan	FL-2009 Inlet	24.4	25.7	25.1	5.2
Ethyl mercaptan	FL-2009 Inlet	0.53	0.49	0.51	7.8
Dimethyl sulfide	FL-2009 Inlet	273	279	276	2.2
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.08	1.14	1.11	5.4
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.75	4.02	3.89	6.9
s-Butyl mercaptan	FL-2009 Inlet	4.18	4.34	4.26	3.8
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	10.7	11.3	11.0	5.5
Tetrahydrothiophene	FL-2009 Inlet	2.54	2.46	2.50	3.2
Unidentified sulfurs	FL-2009 Inlet	31.5	33.6	32.6	6.7

One Tedlar bag sample, laboratory number 22144-14, 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 4.6%.

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)* Jaime Cervez	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
Zeeco Inlet	LFG	22144-13	8/1/24	7:30 AM	X					160 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-14	8/1/24	7:45am	X					38 ppm	H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)* Jaime Cervez	**Date** 8/1/24	**Time** 9:00 AM	**Received by:** *(Signature)* S. Ferrer	**Date** 8/1/24	**Time** 9:00
Relinquished by: *(Signature)* S. Ferrer	**Date** 8/1/24	**Time** 9:48	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 8/1/24	**Time** 9:48

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 2, 2024
Date Received: August 2, 2024
Date Analyzed: August 2, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22154-1
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	169
Carbonyl sulfide	<0.80
Methyl mercaptan	144
Ethyl mercaptan	1.68
Dimethyl sulfide	296
Carbon disulfide	<0.80
i-Propyl mercaptan	1.34
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.42
s-Butyl mercaptan	4.75
i-Butyl mercaptan	<0.80
Dimethyl disulfide	1.22
Tetrahydrothiophene	2.84
Unidentified sulfurs	1.72
	(Concentration in ppmv, as H_2S)
Total Sulfur	627.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	170	168	169	1.2
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	146	142	144	2.8
Ethyl mercaptan	Zeeco Inlet	1.70	1.65	1.68	3.0
Dimethyl sulfide	Zeeco Inlet	299	292	296	2.4
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.33	1.34	1.34	0.75
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.21	4.63	4.42	10
s-Butyl mercaptan	Zeeco Inlet	4.87	4.63	4.75	5.1
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	1.31	1.13	1.22	15
Tetrahydrothiophene	Zeeco Inlet	2.96	2.72	2.84	8.5
Unidentified sulfurs	Zeeco Inlet	1.75	1.69	1.72	3.4

One Tedlar bag sample, laboratory number 22154-1, 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 5.1%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 2, 2024
Date Received: August 2, 2024
Date Analyzed: August 2, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22154-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	38.7
Carbonyl sulfide	0.92
Methyl mercaptan	24.8
Ethyl mercaptan	0.50
Dimethyl sulfide	247
Carbon disulfide	<0.50
i-Propyl mercaptan	1.08
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.43
s-Butyl mercaptan	3.74
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.58
Tetrahydrothiophene	2.05
Unidentified sulfurs	26.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	365.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	38.3	39.0	38.7	1.8
Carbonyl sulfide	FL-2009 Inlet	0.91	0.93	0.92	2.2
Methyl mercaptan	FL-2009 Inlet	24.3	25.2	24.8	3.6
Ethyl mercaptan	FL-2009 Inlet	0.48	0.51	0.50	6.1
Dimethyl sulfide	FL-2009 Inlet	244	249	247	2.0
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.06	1.09	1.08	2.8
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.32	3.53	3.43	6.1
s-Butyl mercaptan	FL-2009 Inlet	3.72	3.76	3.74	1.1
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.41	8.75	8.58	4.0
Tetrahydrothiophene	FL-2009 Inlet	2.06	2.04	2.05	0.98
Unidentified sulfurs	FL-2009 Inlet	26.3	26.8	26.5	2.2

One Tedlar bag sample, laboratory number 22154-2, 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 3.0%.

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) Jaime Cervantes	**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	22154-1	8/2/24	7:25am	X					150 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-2	8/2/24	7:35am	X					38 ppm	H2S Drager

Relinquished by: (Signature) Jaime Cervantes	**Date** 8/2/24	**Time** 9:01 AM	**Received by: (Signature)** D. Torres	**Date** 8/2/24 **Time** 9:01 AM
Relinquished by: (Signature) Stevar	**Date** 8/2/24	**Time** 9:49	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 8/2/24 **Time** 9:57

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

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 3, 2024
Date Received: August 3, 2024
Date Analyzed: August 3, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22164-1
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	158
Carbonyl sulfide	<0.60
Methyl mercaptan	117
Ethyl mercaptan	1.40
Dimethyl sulfide	243
Carbon disulfide	<0.60
i-Propyl mercaptan	1.10
t-Butyl mercaptan	<0.60
n-Propyl mercaptan	3.72
s-Butyl mercaptan	4.00
i-Butyl mercaptan	<0.60
Dimethyl disulfide	<0.60
Tetrahydrothiophene	2.26
Unidentified sulfurs	4.36
	(Concentration in ppmv, as H_2S)
Total Sulfur	534.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	156	159	158	1.9
Carbonyl sulfide	Zeeco Inlet	<0.60	<0.60	---	---
Methyl mercaptan	Zeeco Inlet	115	119	117	3.4
Ethyl mercaptan	Zeeco Inlet	1.39	1.41	1.40	1.4
Dimethyl sulfide	Zeeco Inlet	238	248	243	4.1
Carbon disulfide	Zeeco Inlet	<0.60	<0.60	---	---
i-Propyl mercaptan	Zeeco Inlet	1.05	1.14	1.10	8.2
t-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
n-Propyl mercaptan	Zeeco Inlet	3.67	3.77	3.72	2.7
s-Butyl mercaptan	Zeeco Inlet	3.96	4.03	4.00	1.8
i-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
Dimethyl disulfide	Zeeco Inlet	<0.60	<0.60	---	---
Tetrahydrothiophene	Zeeco Inlet	2.17	2.35	2.26	8.0
Unidentified sulfurs	Zeeco Inlet	4.36	4.36	4.36	0.00

One Tedlar bag sample, laboratory number 22164-1, 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 3.5%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 3, 2024
Date Received: August 3, 2024
Date Analyzed: August 3, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22164-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	45.4
Carbonyl sulfide	0.94
Methyl mercaptan	25.8
Ethyl mercaptan	0.53
Dimethyl sulfide	249
Carbon disulfide	<0.50
i-Propyl mercaptan	1.19
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.44
s-Butyl mercaptan	3.81
i-Butyl mercaptan	<0.50
Dimethyl disulfide	9.02
Tetrahydrothiophene	2.11
Unidentified sulfurs	27.0

(Concentration in ppmv, as H_2S)

Total Sulfur	377.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	44.8	45.9	45.4	2.4
Carbonyl sulfide	FL-2009 Inlet	0.91	0.96	0.94	5.3
Methyl mercaptan	FL-2009 Inlet	25.4	26.1	25.8	2.7
Ethyl mercaptan	FL-2009 Inlet	0.53	0.53	0.53	0.00
Dimethyl sulfide	FL-2009 Inlet	246	252	249	2.4
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.16	1.21	1.19	4.2
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.35	3.53	3.44	5.2
s-Butyl mercaptan	FL-2009 Inlet	3.70	3.91	3.81	5.5
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.93	9.11	9.02	2.0
Tetrahydrothiophene	FL-2009 Inlet	2.10	2.13	2.11	1.6
Unidentified sulfurs	FL-2009 Inlet	26.6	27.4	27.0	3.1

One Tedlar bag sample, laboratory number 22164-2, 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 3.1%.

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
Zeeco Inlet	LFG	22164-1	8/3/24	07:30AM	X					150 ppm	Unfiltered Raw Gas
FL-2009 Inlet	LFG	-2	8/3/24	07:18AM	X					40 ppm	H2S Drager

Relinquished by: *(Signature)*	**Date** 8/3/24	**Time** 09:00AM	**Received by:** *(Signature)* LUIS FARFAN	**Date** 8/3/24 **Time** 9:04
Relinquished by: *(Signature)* LUIS FARFAN	**Date** 8/3/24	**Time** 9:49	**Received by:** *(Signature)*	**Date** **Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 8/3/24 **Time** 9:49

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 4, 2024
Date Received: August 5, 2024
Date Analyzed: August 5, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22184-1
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	192
Carbonyl sulfide	0.68
Methyl mercaptan	130
Ethyl mercaptan	1.51
Dimethyl sulfide	273
Carbon disulfide	<0.60
i-Propyl mercaptan	1.27
t-Butyl mercaptan	<0.60
n-Propyl mercaptan	4.11
s-Butyl mercaptan	4.33
i-Butyl mercaptan	<0.60
Dimethyl disulfide	<0.60
Tetrahydrothiophene	2.32
Unidentified sulfurs	4.59
	(Concentration in ppmv, as H_2S)
Total Sulfur	613.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 4, 2024
Date Received: August 5, 2024
Date Analyzed: August 5, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	190	194	192	2.1
Carbonyl sulfide	Zeeco Inlet	0.67	0.69	0.68	2.9
Methyl mercaptan	Zeeco Inlet	128	132	130	3.1
Ethyl mercaptan	Zeeco Inlet	1.47	1.54	1.51	4.7
Dimethyl sulfide	Zeeco Inlet	264	281	273	6.2
Carbon disulfide	Zeeco Inlet	<0.60	<0.60	---	---
i-Propyl mercaptan	Zeeco Inlet	1.20	1.33	1.27	10
t-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
n-Propyl mercaptan	Zeeco Inlet	4.01	4.21	4.11	4.9
s-Butyl mercaptan	Zeeco Inlet	4.21	4.44	4.33	5.3
i-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
Dimethyl disulfide	Zeeco Inlet	<0.60	<0.60	---	---
Tetrahydrothiophene	Zeeco Inlet	2.24	2.39	2.32	6.5
Unidentified sulfurs	Zeeco Inlet	4.51	4.67	4.59	3.5

One Tedlar bag sample, laboratory number 22184-1, 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 4.9%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 4, 2024
Date Received: August 5, 2024
Date Analyzed: August 5, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22184-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	28.0
Carbonyl sulfide	1.04
Methyl mercaptan	21.7
Ethyl mercaptan	<0.50
Dimethyl sulfide	287
Carbon disulfide	<0.50
i-Propyl mercaptan	1.01
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.92
s-Butyl mercaptan	3.89
i-Butyl mercaptan	<0.50
Dimethyl disulfide	13.1
Tetrahydrothiophene	2.28
Unidentified sulfurs	22.8

(Concentration in ppmv, as H_2S)

Total Sulfur	397.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 4, 2024
Date Received: August 5, 2024
Date Analyzed: August 5, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	28.0	27.9	28.0	0.36
Carbonyl sulfide	FL-2009 Inlet	1.04	1.03	1.04	0.97
Methyl mercaptan	FL-2009 Inlet	21.6	21.8	21.7	0.92
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	285	288	287	1.0
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.00	1.01	1.01	1.0
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.88	3.96	3.92	2.0
s-Butyl mercaptan	FL-2009 Inlet	3.89	3.89	3.89	0.00
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	13.1	13.1	13.1	0.00
Tetrahydrothiophene	FL-2009 Inlet	2.32	2.24	2.28	3.5
Unidentified sulfurs	FL-2009 Inlet	22.6	23.0	22.8	1.8

One Tedlar bag sample, laboratory number 22184-2, 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 1.2%.

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	22104-1	8/4/24	4:30PM	X					200 ppm	Unfiltered Raw Gas
FL-2009 Inlet	LFG	-2	8/4/24	4:45PM	X					5 ppm	H2S Drager

Relinquished by: *(Signature)*	**Date** 8/4/24	**Time** 7:49AM	**Received by:** *(Signature)*	**Date** 8/5/24 **Time** 7:49AM
Relinquished by: *(Signature)*	**Date** 8/5/24	**Time** 09:25AM	**Received by:** *(Signature)*	**Date** 8/5/24 **Time** 9:27
Relinquished by: *(Signature)*	**Date** 8/5/24	**Time** 10:07	**Received for Laboratory by:** *(Signature)*	**Date** 8/5/24 **Time** 10:07

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 5, 2024
Date Received: August 5, 2024
Date Analyzed: August 5, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22184-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	173
Carbonyl sulfide	0.61
Methyl mercaptan	122
Ethyl mercaptan	1.45
Dimethyl sulfide	254
Carbon disulfide	<0.60
i-Propyl mercaptan	1.21
t-Butyl mercaptan	<0.60
n-Propyl mercaptan	3.87
s-Butyl mercaptan	4.14
i-Butyl mercaptan	<0.60
Dimethyl disulfide	1.44
Tetrahydrothiophene	2.22
Unidentified sulfurs	1.66

(Concentration in ppmv, as H_2S)

Total Sulfur	566.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	171	174	173	1.7
Carbonyl sulfide	Zeeco Inlet	0.62	0.59	0.61	5.0
Methyl mercaptan	Zeeco Inlet	122	122	122	0.00
Ethyl mercaptan	Zeeco Inlet	1.47	1.42	1.45	3.5
Dimethyl sulfide	Zeeco Inlet	254	253	254	0.39
Carbon disulfide	Zeeco Inlet	<0.60	<0.60	---	---
i-Propyl mercaptan	Zeeco Inlet	1.21	1.20	1.21	0.83
t-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
n-Propyl mercaptan	Zeeco Inlet	3.94	3.79	3.87	3.9
s-Butyl mercaptan	Zeeco Inlet	4.12	4.16	4.14	0.97
i-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
Dimethyl disulfide	Zeeco Inlet	1.43	1.44	1.44	0.70
Tetrahydrothiophene	Zeeco Inlet	2.18	2.26	2.22	3.6
Unidentified sulfurs	Zeeco Inlet	1.65	1.66	1.66	0.60

One Tedlar bag sample, laboratory number 22184-3, 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 1.9%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 12, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 5, 2024
Date Received: August 5, 2024
Date Analyzed: August 5, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22184-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	55.4
Carbonyl sulfide	0.97
Methyl mercaptan	29.0
Ethyl mercaptan	0.59
Dimethyl sulfide	244
Carbon disulfide	<0.50
i-Propyl mercaptan	1.38
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.58
s-Butyl mercaptan	4.10
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.6
Tetrahydrothiophene	2.11
Unidentified sulfurs	25.4
	(Concentration in ppmv, as H_2S)
Total Sulfur	387.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	56.2	54.6	55.4	2.9
Carbonyl sulfide	FL-2009 Inlet	0.97	0.97	0.97	0.00
Methyl mercaptan	FL-2009 Inlet	29.3	28.6	29.0	2.4
Ethyl mercaptan	FL-2009 Inlet	0.60	0.58	0.59	3.4
Dimethyl sulfide	FL-2009 Inlet	248	239	244	3.7
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.38	1.38	1.38	0.00
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.58	3.57	3.58	0.28
s-Butyl mercaptan	FL-2009 Inlet	4.11	4.08	4.10	0.73
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	10.6	10.5	10.6	0.95
Tetrahydrothiophene	FL-2009 Inlet	2.13	2.08	2.11	2.4
Unidentified sulfurs	FL-2009 Inlet	25.1	25.6	25.4	2.0

One Tedlar bag sample, laboratory number 22184-4, 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 1.7%.

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	TRS (307.91)	To-15	Fixed Gases	CO	H2		Special Remarks
Zeeco- Inlet	LFG	22194-3	08/05/2024	6:51 am	X	X	X	X	X	150 ppm	Unfiltered Raw Gas
FL-2009 Inlet	LFG	-4	08/05/2024	7:17 am	X	X	X	X	X	39 ppm	H2S Drager

ANALYSES REQUESTED

	Date	Time		Date	Time
Relinquished by: (Signature)	08/05/24	7:51 am	**Received by: (Signature)**	8/5/24	7:51 am
Relinquished by: (Signature)	8/5/24	9:25 am	**Received by: (Signature)**	8/5/24	9:27
Relinquished by: (Signature)	8/5/24	10:07	**Received for Laboratory by: (Signature)**	8/5/24	10:07

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 6, 2024
Date Received: August 6, 2024
Date Analyzed: August 6, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22194-14
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	148
Carbonyl sulfide	<0.60
Methyl mercaptan	121
Ethyl mercaptan	1.45
Dimethyl sulfide	256
Carbon disulfide	<0.60
i-Propyl mercaptan	1.08
t-Butyl mercaptan	<0.60
n-Propyl mercaptan	3.93
s-Butyl mercaptan	4.04
i-Butyl mercaptan	<0.60
Dimethyl disulfide	1.30
Tetrahydrothiophene	2.37
Unidentified sulfurs	1.10
	(Concentration in ppmv, as H_2S)
Total Sulfur	541.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	144	151	148	4.7
Carbonyl sulfide	Zeeco Inlet	<0.60	<0.60	---	---
Methyl mercaptan	Zeeco Inlet	119	123	121	3.3
Ethyl mercaptan	Zeeco Inlet	1.41	1.48	1.45	4.8
Dimethyl sulfide	Zeeco Inlet	250	262	256	4.7
Carbon disulfide	Zeeco Inlet	<0.60	<0.60	---	---
i-Propyl mercaptan	Zeeco Inlet	1.06	1.10	1.08	3.7
t-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
n-Propyl mercaptan	Zeeco Inlet	3.88	3.98	3.93	2.5
s-Butyl mercaptan	Zeeco Inlet	3.99	4.09	4.04	2.5
i-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
Dimethyl disulfide	Zeeco Inlet	1.23	1.36	1.30	10
Tetrahydrothiophene	Zeeco Inlet	2.32	2.41	2.37	3.8
Unidentified sulfurs	Zeeco Inlet	1.08	1.11	1.10	2.7

One Tedlar bag sample, laboratory number 22194-14, 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 4.3%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 6, 2024
Date Received: August 6, 2024
Date Analyzed: August 6, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22194-15
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	59.4
Carbonyl sulfide	1.01
Methyl mercaptan	33.2
Ethyl mercaptan	0.67
Dimethyl sulfide	254
Carbon disulfide	<0.50
i-Propyl mercaptan	1.44
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.64
s-Butyl mercaptan	4.12
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.41
Tetrahydrothiophene	2.23
Unidentified sulfurs	23.8

(Concentration in ppmv, as H_2S)

Total Sulfur	400.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	59.8	59.0	59.4	1.3
Carbonyl sulfide	FL-2009 Inlet	1.01	1.00	1.01	1.0
Methyl mercaptan	FL-2009 Inlet	33.3	33.1	33.2	0.60
Ethyl mercaptan	FL-2009 Inlet	0.67	0.67	0.67	0.00
Dimethyl sulfide	FL-2009 Inlet	252	256	254	1.6
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.45	1.43	1.44	1.4
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.66	3.62	3.64	1.1
s-Butyl mercaptan	FL-2009 Inlet	4.03	4.20	4.12	4.1
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.39	8.42	8.41	0.36
Tetrahydrothiophene	FL-2009 Inlet	2.22	2.24	2.23	0.90
Unidentified sulfurs	FL-2009 Inlet	23.9	23.7	23.8	0.84

One Tedlar bag sample, laboratory number 22194-15, 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 1.2%.

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)						Special Remarks
Zeeco - inlet	LFG	22194-14	8/6/24	7:03AM	X					100 ppm	Unfiltered Raw Gas
FL-2009	LFG	-15	8/6/24	7:14AM	X					49 ppm	H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	08/06/24	08:12 am		8/6/24	09:42AM
Relinquished by: *(Signature)*	**Date**	**Time**	**Received by:** *(Signature)*	**Date**	**Time**
	8/6/24	09:42AM	(SCS)	8/6/24	9:42
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date**	**Time**
	8-6-24	10:32		8/6/24	10:30

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

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 7, 2024
Date Received: August 7, 2024
Date Analyzed: August 7, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22204-10
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	59.7
Carbonyl sulfide	0.97
Methyl mercaptan	34.2
Ethyl mercaptan	0.71
Dimethyl sulfide	254
Carbon disulfide	<0.50
i-Propyl mercaptan	1.46
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.58
s-Butyl mercaptan	4.16
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.23
Tetrahydrothiophene	2.33
Unidentified sulfurs	24.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	402.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	58.5	60.8	59.7	3.9
Carbonyl sulfide	FL-2009 Inlet	0.96	0.98	0.97	2.1
Methyl mercaptan	FL-2009 Inlet	33.5	34.9	34.2	4.1
Ethyl mercaptan	FL-2009 Inlet	0.70	0.71	0.71	1.4
Dimethyl sulfide	FL-2009 Inlet	249	259	254	3.9
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.41	1.51	1.46	6.8
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.50	3.65	3.58	4.2
s-Butyl mercaptan	FL-2009 Inlet	4.11	4.21	4.16	2.4
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.03	8.43	8.23	4.9
Tetrahydrothiophene	FL-2009 Inlet	2.25	2.40	2.33	6.5
Unidentified sulfurs	FL-2009 Inlet	23.8	25.2	24.5	5.7

One Tedlar bag sample, laboratory number 22204-10, 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 11 repeat measurements from one Tedlar bag sample is 4.2%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 7, 2024
Date Received: August 7, 2024
Date Analyzed: August 7, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22204-11
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	152
Carbonyl sulfide	<0.60
Methyl mercaptan	130
Ethyl mercaptan	1.54
Dimethyl sulfide	272
Carbon disulfide	<0.60
i-Propyl mercaptan	1.14
t-Butyl mercaptan	<0.60
n-Propyl mercaptan	4.14
s-Butyl mercaptan	4.29
i-Butyl mercaptan	<0.60
Dimethyl disulfide	1.35
Tetrahydrothiophene	2.57
Unidentified sulfurs	1.20
	(Concentration in ppmv, as H_2S)
Total Sulfur	570.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	150	153	152	2.0
Carbonyl sulfide	Zeeco Inlet	<0.60	<0.60	---	---
Methyl mercaptan	Zeeco Inlet	130	129	130	0.77
Ethyl mercaptan	Zeeco Inlet	1.58	1.50	1.54	5.2
Dimethyl sulfide	Zeeco Inlet	275	268	272	2.6
Carbon disulfide	Zeeco Inlet	<0.60	<0.60	---	---
i-Propyl mercaptan	Zeeco Inlet	1.13	1.15	1.14	1.8
t-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
n-Propyl mercaptan	Zeeco Inlet	4.15	4.12	4.14	0.73
s-Butyl mercaptan	Zeeco Inlet	4.30	4.27	4.29	0.70
i-Butyl mercaptan	Zeeco Inlet	<0.60	<0.60	---	---
Dimethyl disulfide	Zeeco Inlet	1.36	1.34	1.35	1.5
Tetrahydrothiophene	Zeeco Inlet	2.76	2.38	2.57	15
Unidentified sulfurs	Zeeco Inlet	1.23	1.17	1.20	5.0

One Tedlar bag sample, laboratory number 22204-11, 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 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
FL2004 Inlet	LFG	22204-10	8/7/24	7:45am	X					53 ppm	Unfiltered Raw Gas
Zeeco Inlet	LFG	-11	8/7/24	7:49am	X					140 ppm	H2S Drager

Relinquished by: (Signature) Jaime Cerda	**Date** 8/7/24	**Time** 9:12am	**Received by: (Signature)** S. Fenner	**Date** 8/7/24 **Time** 9:12
Relinquished by: (Signature) S. Fenner	**Date** 8/7/24	**Time** 10:08	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date** 8/7/24	**Time**	**Received for Laboratory by: (Signature)**	**Date** 8/7/24 **Time** 10:06

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 8, 2024
Date Received: August 8, 2024
Date Analyzed: August 8, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22214-11
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	170
Carbonyl sulfide	<0.80
Methyl mercaptan	164
Ethyl mercaptan	2.15
Dimethyl sulfide	411
Carbon disulfide	<0.80
i-Propyl mercaptan	1.39
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.28
s-Butyl mercaptan	6.20
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.98
Unidentified sulfurs	8.00

(Concentration in ppmv, as H_2S)

Total Sulfur	772.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	166	174	170	4.7
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	163	165	164	1.2
Ethyl mercaptan	Zeeco Inlet	2.11	2.18	2.15	3.3
Dimethyl sulfide	Zeeco Inlet	408	413	411	1.2
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.36	1.42	1.39	4.3
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.16	6.39	6.28	3.7
s-Butyl mercaptan	Zeeco Inlet	6.05	6.34	6.20	4.7
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.96	3.99	3.98	0.75
Unidentified sulfurs	Zeeco Inlet	7.90	8.10	8.00	2.5

One Tedlar bag sample, laboratory number 22214-11, 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 2.9%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 8, 2024
Date Received: August 8, 2024
Date Analyzed: August 8, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22214-12
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	52.6
Carbonyl sulfide	1.00
Methyl mercaptan	27.8
Ethyl mercaptan	0.56
Dimethyl sulfide	230
Carbon disulfide	<0.50
i-Propyl mercaptan	1.32
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.29
s-Butyl mercaptan	3.90
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.38
Tetrahydrothiophene	2.10
Unidentified sulfurs	25.3

(Concentration in ppmv, as H_2S)

Total Sulfur	364.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	53.9	51.3	52.6	4.9
Carbonyl sulfide	FL-2009 Inlet	1.02	0.97	1.00	5.0
Methyl mercaptan	FL-2009 Inlet	28.3	27.2	27.8	4.0
Ethyl mercaptan	FL-2009 Inlet	0.55	0.56	0.56	1.8
Dimethyl sulfide	FL-2009 Inlet	235	224	230	4.8
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.34	1.29	1.32	3.8
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.36	3.21	3.29	4.6
s-Butyl mercaptan	FL-2009 Inlet	4.02	3.77	3.90	6.4
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.60	8.15	8.38	5.4
Tetrahydrothiophene	FL-2009 Inlet	2.14	2.05	2.10	4.3
Unidentified sulfurs	FL-2009 Inlet	26.0	24.5	25.3	5.9

One Tedlar bag sample, laboratory number 22214-12, 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 4.6%.

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
Leeco Inlet	LFG	22114-11	8/8/24	8:15am	X					180 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-12	8/8/24	8:05am	X					35 ppm	H2S Drager

Relinquished by: (Signature)	**Date** 8/8/24	**Time** 9:00am	**Received by: (Signature)**	**Date** 8/8/24	**Time** 9:06
Relinquished by: (Signature)	**Date** 8/8/24	**Time** 9:57	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 8/8/24	**Time** 9:57

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

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 9, 2024
Date Received: August 10, 2024
Date Analyzed: August 10, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22234-1
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	188
Carbonyl sulfide	<0.80
Methyl mercaptan	187
Ethyl mercaptan	2.18
Dimethyl sulfide	387
Carbon disulfide	<0.80
i-Propyl mercaptan	1.34
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.48
s-Butyl mercaptan	5.40
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.58
Unidentified sulfurs	5.72
	(Concentration in ppmv, as H_2S)
Total Sulfur	785.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 9, 2024
Date Received: August 10, 2024
Date Analyzed: August 10, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	187	189	188	1.1
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	186	188	187	1.1
Ethyl mercaptan	Zeeco Inlet	2.17	2.19	2.18	0.92
Dimethyl sulfide	Zeeco Inlet	383	390	387	1.8
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.33	1.35	1.34	1.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.44	5.52	5.48	1.3
s-Butyl mercaptan	Zeeco Inlet	5.52	5.28	5.40	4.4
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.54	3.61	3.58	2.0
Unidentified sulfurs	Zeeco Inlet	5.81	5.64	5.72	2.8

One Tedlar bag sample, laboratory number 22234-1, 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 1.9%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 9, 2024
Date Received: August 10, 2024
Date Analyzed: August 10, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22234-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	32.1
Carbonyl sulfide	0.93
Methyl mercaptan	19.3
Ethyl mercaptan	<0.50
Dimethyl sulfide	269
Carbon disulfide	<0.50
i-Propyl mercaptan	1.08
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.48
s-Butyl mercaptan	3.61
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.17
Tetrahydrothiophene	1.84
Unidentified sulfurs	19.9
	(Concentration in ppmv, as H_2S)
Total Sulfur	367.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 9, 2024
Date Received: August 10, 2024
Date Analyzed: August 10, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	33.0	31.2	32.1	5.6
Carbonyl sulfide	FL-2009 Inlet	0.94	0.91	0.93	3.2
Methyl mercaptan	FL-2009 Inlet	19.7	18.8	19.3	4.7
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	276	262	269	5.2
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.10	1.05	1.08	4.7
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.56	3.39	3.48	4.9
s-Butyl mercaptan	FL-2009 Inlet	3.70	3.52	3.61	5.0
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	8.41	7.93	8.17	5.9
Tetrahydrothiophene	FL-2009 Inlet	1.91	1.76	1.84	8.2
Unidentified sulfurs	FL-2009 Inlet	20.6	19.1	19.9	7.3

One Tedlar bag sample, laboratory number 22234-2, 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 5.5%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 10, 2024
Date Received: August 10, 2024
Date Analyzed: August 10, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22234-3
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	185
Carbonyl sulfide	<0.80
Methyl mercaptan	172
Ethyl mercaptan	2.05
Dimethyl sulfide	365
Carbon disulfide	<0.80
i-Propyl mercaptan	1.24
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.26
s-Butyl mercaptan	5.44
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.41
Unidentified sulfurs	5.36

(Concentration in ppmv, as H_2S)

Total Sulfur	744.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	187	183	185	2.2
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	173	170	172	1.7
Ethyl mercaptan	Zeeco Inlet	2.06	2.04	2.05	0.98
Dimethyl sulfide	Zeeco Inlet	366	364	365	0.55
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.27	1.21	1.24	4.8
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.19	5.33	5.26	2.6
s-Butyl mercaptan	Zeeco Inlet	5.43	5.44	5.44	0.18
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.45	3.36	3.41	2.6
Unidentified sulfurs	Zeeco Inlet	5.47	5.25	5.36	4.0

One Tedlar bag sample, laboratory number 22234-3, 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 9 repeat measurements from one Tedlar bag sample is 2.2%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 13, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 10, 2024
Date Received: August 10, 2024
Date Analyzed: August 10, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22234-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	54.2
Carbonyl sulfide	0.85
Methyl mercaptan	24.5
Ethyl mercaptan	0.52
Dimethyl sulfide	220
Carbon disulfide	<0.50
i-Propyl mercaptan	1.26
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.09
s-Butyl mercaptan	3.54
i-Butyl mercaptan	<0.50
Dimethyl disulfide	6.52
Tetrahydrothiophene	1.69
Unidentified sulfurs	14.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	336.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	54.9	53.5	54.2	2.6
Carbonyl sulfide	FL-2009 Inlet	0.85	0.84	0.85	1.2
Methyl mercaptan	FL-2009 Inlet	24.8	24.2	24.5	2.4
Ethyl mercaptan	FL-2009 Inlet	0.52	0.52	0.52	0.00
Dimethyl sulfide	FL-2009 Inlet	221	218	220	1.4
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.27	1.24	1.26	2.4
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.10	3.07	3.09	0.97
s-Butyl mercaptan	FL-2009 Inlet	3.56	3.51	3.54	1.4
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	6.50	6.53	6.52	0.46
Tetrahydrothiophene	FL-2009 Inlet	1.68	1.70	1.69	1.2
Unidentified sulfurs	FL-2009 Inlet	14.4	14.6	14.5	1.3

One Tedlar bag sample, laboratory number 22234-4, 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 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) 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	22234-1	8/9/24	3:00pm	X					140 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-2	8/9/24	3:15pm	X					18 ppm	H2S Drager
Zeeco Inlet	LFG	-3	8/10/24	7:25AM	X					190 ppm	
FL2009 Inlet	LFG	-4	8/10/24	7:35AM	X					46 ppm	

Relinquished by: (Signature) Jaime Cerezo	**Date** 8/10/24	**Time** 9:47am	**Received by: (Signature)** S. Ferrer	**Date** 9/10/24 **Time** 9:47
Relinquished by: (Signature) S. Ferrer	**Date** 8/10/24	**Time** 10:33	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 8-10-24 **Time** 10:36

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 11, 2024
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22254-9
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	189
Carbonyl sulfide	<0.80
Methyl mercaptan	197
Ethyl mercaptan	2.28
Dimethyl sulfide	422
Carbon disulfide	<0.80
i-Propyl mercaptan	1.44
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.96
s-Butyl mercaptan	5.84
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.73
Unidentified sulfurs	7.34

(Concentration in ppmv, as H_2S)

Total Sulfur	833.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 11, 2024
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	195	183	189	6.3
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	202	191	197	5.6
Ethyl mercaptan	Zeeco Inlet	2.34	2.21	2.28	5.7
Dimethyl sulfide	Zeeco Inlet	435	408	422	6.4
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.45	1.42	1.44	2.1
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.13	5.79	5.96	5.7
s-Butyl mercaptan	Zeeco Inlet	6.02	5.65	5.84	6.3
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.81	3.64	3.73	4.6
Unidentified sulfurs	Zeeco Inlet	7.26	7.41	7.34	2.0

One Tedlar bag sample, laboratory number 22254-9, 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 9 repeat measurements from one Tedlar bag sample is 5.0%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 11, 2024
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22254-10
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	7.87
Carbonyl sulfide	0.83
Methyl mercaptan	7.87
Ethyl mercaptan	<0.50
Dimethyl sulfide	230
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.13
s-Butyl mercaptan	2.92
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.1
Tetrahydrothiophene	1.95
Unidentified sulfurs	13.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	290.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 11, 2024
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	7.74	7.99	7.87	3.2
Carbonyl sulfide	FL-2009 Inlet	0.81	0.84	0.83	3.6
Methyl mercaptan	FL-2009 Inlet	7.75	7.98	7.87	2.9
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	228	232	230	1.7
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	3.10	3.16	3.13	1.9
s-Butyl mercaptan	FL-2009 Inlet	2.90	2.94	2.92	1.4
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.0	11.1	11.1	0.90
Tetrahydrothiophene	FL-2009 Inlet	1.94	1.95	1.95	0.51
Unidentified sulfurs	FL-2009 Inlet	13.5	13.6	13.5	0.56

One Tedlar bag sample, laboratory number 22254-10, 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 9 repeat measurements from one Tedlar bag sample is 1.9%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Permanent Gases and Hydrogen Analysis in Tedlar Bag Samples

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 12, 2024
Date Analyzed: August 12, 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)
22254-11	Zeeco Inlet	8.96	33.22	18.84	34.95	2.71

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.

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	Zeeco Inlet	8.95	8.96	8.96	0.11	<0.1
Nitrogen	Zeeco Inlet	33.20	33.24	33.22	0.12	<0.1
Methane	Zeeco Inlet	18.84	18.83	18.84	0.05	<0.1
Carbon Dioxide	Zeeco Inlet	34.96	34.94	34.95	0.06	<0.1
Hydrogen	Zeeco Inlet	2.71	2.71	2.71	0.00	<0.1

One Tedlar bag sample, laboratory number 22254-11, 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 1 Tedlar bag sample is 0.07%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 12, 2024
Date Analyzed: August 12, 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)*
22254-11	Zeeco Inlet	741

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	Zeeco Inlet	739	742	741	0.41

One Tedlar bag sample, laboratory number 22254-11, 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 1 Tedlar bag sample is 0.40%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 12, 2024
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22254-11
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	193
Carbonyl sulfide	<0.80
Methyl mercaptan	174
Ethyl mercaptan	2.11
Dimethyl sulfide	386
Carbon disulfide	<0.80
i-Propyl mercaptan	1.34
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.00
s-Butyl mercaptan	5.68
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.79
Unidentified sulfurs	6.51
	(Concentration in ppmv, as H_2S)
Total Sulfur	777.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	189	197	193	4.1
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	171	177	174	3.4
Ethyl mercaptan	Zeeco Inlet	2.08	2.14	2.11	2.8
Dimethyl sulfide	Zeeco Inlet	378	393	386	3.9
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.29	1.38	1.34	6.7
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.83	6.16	6.00	5.5
s-Butyl mercaptan	Zeeco Inlet	5.63	5.73	5.68	1.8
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.76	3.81	3.79	1.3
Unidentified sulfurs	Zeeco Inlet	6.40	6.62	6.51	3.4

One Tedlar bag sample, laboratory number 22254-11, 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 3.7%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277

specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	AtmAA Lab No.: 22254-11 Sample ID: Zeeco Inlet *(Concentations in ppmv)*
Freon 12	<1.5
Chloromethane	<1.9
Freon 114	<1.1
Vinyl Chloride	<1.5
1,3-Butadiene	<1.8
Bromomethane	<1.9
Chloroethane	<1.5
Acetone	459
Freon 11	<1.4
Isopropyl Alcohol	205
1,1-Dichloroethene	<1.9
Methylene Chloride	<2.2
Carbon Disulfide	<1.3
Freon 113	<1.0
trans-1,2-Dichloroethene	<1.9
1,1-Dichloroethane	<1.9
MTBE	<2.1
Vinyl Acetate	<2.6
2-Butanone	214
cis-1,2-Dichloroethene	<1.9
n-Hexane	2.14
Chloroform	<1.6
Ethyl Acetate	17.6
Tetrahydrofuran	167
1,2-Dichloroethane	<1.9
1,1,1-Trichloroethane	<1.4
Benzene	98.8
Carbon Tetrachloride	<1.2
Cyclohexane	<2.2
1,2-Dichloropropane	<1.7
Bromodichloromethane	<1.2
Trichloroethene	<1.4
1,4-Dioxane	<2.1
n-Heptane	<1.9
cis-1,3-Dichloropropene	<1.7
4-Methyl-2-pentanone	6.59
trans-1,3-Dichloropropene	<1.7
1,1-2-Trichloroethane	<1.4
Toluene	9.42
2-Hexanone	2.04
Dibromochloromethane	<0.90
1,2-Dibromoethane	<1.0
Tetrachloroethene	<1.1
Chlorobenzene	<1.7
Ethylbenzene	4.34
m,p-Xylene	3.66
Bromoform	<0.80
Styrene	<1.8
1,1,2,2-Tetrachloroethane	<1.1
o-Xylene	1.33
Benzyl Chloride	<1.4
4-Ethyl Toluene	<1.6
1,3,5-Trimethyl Benzene	<1.6
1,2,4-Trimethyl Benzene	<1.6
1,3-Dichlorobenzene	<1.3
1,4-Dichlorobenzene	<1.3
1,2-Dichlorobenzene	<1.3
1,2,4-Trichlorobenzene	<4.1
Hexachlorobutadiene	<2.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Freon-12	Zeeco Inlet	<1.5	<1.5	---	---
Chloromethane	Zeeco Inlet	<1.9	<1.9	---	---
Freon 114	Zeeco Inlet	<1.1	<1.1	---	---
Vinyl Chloride	Zeeco Inlet	<1.5	<1.5	---	---
1,3-Butadiene	Zeeco Inlet	<1.8	<1.8	---	---
Bromomethane	Zeeco Inlet	<1.9	<1.9	---	---
Chloroethane	Zeeco Inlet	<1.5	<1.5	---	---
Acetone	Zeeco Inlet	457	461	459	0.87
Freon 11	Zeeco Inlet	<1.4	<1.4	---	---
Isopropyl Alcohol	Zeeco Inlet	209	200	205	4.4
1,1-Dichloroethene	Zeeco Inlet	<1.9	<1.9	---	---
Methylene Chloride	Zeeco Inlet	<2.2	<2.2	---	---
Carbon Disulfide	Zeeco Inlet	<1.3	<1.3	---	---
Freon 113	Zeeco Inlet	<1.0	<1.0	---	---
trans-1,2-Dichloroethene	Zeeco Inlet	<1.9	<1.9	---	---
1,1-Dichloroethane	Zeeco Inlet	<1.9	<1.9	---	---
MTBE	Zeeco Inlet	<2.1	<2.1	---	---
Vinyl Acetate	Zeeco Inlet	<2.6	<2.6	---	---
2 Butanone	Zeeco Inlet	204	223	214	8.9
cis-1,2-Dichloroethene	Zeeco Inlet	<1.9	<1.9	---	---
n-Hexane	Zeeco Inlet	2.24	2.03	2.14	10
Chloroform	Zeeco Inlet	<1.6	<1.6	---	---
Ethyl Acetate	Zeeco Inlet	17.7	17.4	17.6	1.7
Tetrahydrofuran	Zeeco Inlet	161	173	167	7.2
1,2-Dichloroethane	Zeeco Inlet	<1.9	<1.9	---	---

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	Zeeco Inlet	<1.4	<1.4	---	---
Benzene	Zeeco Inlet	98.0	99.5	98.8	1.5
Carbon Tetrachloride	Zeeco Inlet	<1.2	<1.2	---	---
Cyclohexane	Zeeco Inlet	<2.2	<2.2	---	---
1,2-Dichloropropane	Zeeco Inlet	<1.7	<1.7	---	---
Bromodichloromethane	Zeeco Inlet	<1.2	<1.2	---	---
Trichloroethene	Zeeco Inlet	<1.4	<1.4	---	---
1,4-Dioxane	Zeeco Inlet	<2.1	<2.1	---	---
n-Heptane	Zeeco Inlet	<1.9	<1.9	---	---
cis-1,3-Dichloropropene	Zeeco Inlet	<1.7	<1.7	---	---
4-Methyl-2-pentanone	Zeeco Inlet	6.27	6.91	6.59	10
trans-1,3-Dichloropropene	Zeeco Inlet	<1.7	<1.7	---	---
1,1-2-Trichloroethane	Zeeco Inlet	<1.4	<1.4	---	---
Toluene	Zeeco Inlet	9.42	9.41	9.42	0.11
2-Hexanone	Zeeco Inlet	1.80	2.27	2.04	23
Dibromochloromethane	Zeeco Inlet	<0.90	<0.90	---	---
1,2-Dibromoethane	Zeeco Inlet	<1.0	<1.0	---	---
Tetrachloroethene	Zeeco Inlet	<1.1	<1.1	---	---
Chlorobenzene	Zeeco Inlet	<1.7	<1.7	---	---
Ethylbenzene	Zeeco Inlet	4.50	4.18	4.34	7.4
m,p-Xylene	Zeeco Inlet	3.90	3.42	3.66	13
Bromoform	Zeeco Inlet	<0.80	<0.80	---	---
Styrene	Zeeco Inlet	<1.8	<1.8	---	---
1,1,2,2-Tetrachloroethane	Zeeco Inlet	<1.1	<1.1	---	---
o-Xylene	Zeeco Inlet	1.42	1.23	1.33	14

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	Zeeco Inlet	<1.4	<1.4	---	---
4-Ethyl Toluene	Zeeco Inlet	<1.6	<1.6	---	---
1,3,5-Trimethyl Benzene	Zeeco Inlet	<1.6	<1.6	---	---
1,2,4-Trimethyl Benzene	Zeeco Inlet	<1.6	<1.6	---	---
1,3-Dichlorobenzene	Zeeco Inlet	<1.3	<1.3	---	---
1,4-Dichlorobenzene	Zeeco Inlet	<1.3	<1.3	---	---
1,2-Dichlorobenzene	Zeeco Inlet	<1.3	<1.3	---	---
1,2,4-Trichlorobenzene	Zeeco Inlet	<4.1	<4.1	---	---
Hexachlorobutadiene	Zeeco Inlet	<2.9	<2.9	---	---

One Tedlar bag sample, laboratory number 22254-11, 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 13 repeat measurements from one Tedlar bag sample is 7.8%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Permanent Gases and Hydrogen Analysis in Tedlar Bag Samples

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 12, 2024
Date Analyzed: August 12, 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)
22254-12	FL-2009 Inlet	5.97	28.66	26.58	35.62	1.96

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.

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	FL-2009 Inlet	5.96	5.97	5.97	0.17	<0.1
Nitrogen	FL-2009 Inlet	28.65	28.67	28.66	0.07	<0.1
Methane	FL-2009 Inlet	26.58	26.58	26.58	0.00	<0.1
Carbon Dioxide	FL-2009 Inlet	35.64	35.60	35.62	0.11	<0.1
Hydrogen	FL-2009 Inlet	1.96	1.95	1.96	0.51	<0.1

One Tedlar bag sample, laboratory number 22254-12, 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 1 Tedlar bag sample is 0.17%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 12, 2024
Date Analyzed: August 12, 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)*
22254-12	FL-2009 Inlet	341

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	FL-2009 Inlet	342	339	341	0.88

One Tedlar bag sample, laboratory number 22254-12, 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 1 Tedlar bag sample is 0.88%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date:	August 20, 2024
Client:	SCS Engineers
Project Location:	Chiquita Canyon
Project No.:	07224200.24 Task 1
Date Sampled:	August 12, 2024
Date Received:	August 12, 2024
Date Analyzed:	August 12, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22254-12
Sample I.D.:	FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	11.0
Carbonyl sulfide	0.88
Methyl mercaptan	10.6
Ethyl mercaptan	<0.50
Dimethyl sulfide	246
Carbon disulfide	<0.50
i-Propyl mercaptan	0.52
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.56
s-Butyl mercaptan	3.52
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.7
Tetrahydrothiophene	2.28
Unidentified sulfurs	25.3

(Concentration in ppmv, as H_2S)

Total Sulfur	328.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	10.8	11.2	11.0	3.6
Carbonyl sulfide	FL-2009 Inlet	0.85	0.91	0.88	6.8
Methyl mercaptan	FL-2009 Inlet	10.5	10.6	10.6	0.95
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	245	246	246	0.41
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.51	0.52	0.52	1.9
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.48	3.63	3.56	4.2
s-Butyl mercaptan	FL-2009 Inlet	3.47	3.57	3.52	2.8
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.6	12.8	12.7	1.6
Tetrahydrothiophene	FL-2009 Inlet	2.27	2.29	2.28	0.88
Unidentified sulfurs	FL-2009 Inlet	24.9	25.6	25.3	2.8

One Tedlar bag sample, laboratory number 22254-12, 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%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277

specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 20, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 12, 2024
Date Analyzed: August 12, 2024

Components	AtmAA Lab No.: 22254-12 Sample ID: FL-2009 Inlet *(Concentations in ppmv)*
Freon 12	<1.5
Chloromethane	<1.9
Freon 114	<1.1
Vinyl Chloride	<1.5
1,3-Butadiene	<1.8
Bromomethane	<1.9
Chloroethane	<1.5
Acetone	382
Freon 11	<1.4
Isopropyl Alcohol	294
1,1-Dichloroethene	<1.9
Methylene Chloride	<2.2
Carbon Disulfide	<1.3
Freon 113	<1.0
trans-1,2-Dichloroethene	<1.9
1,1-Dichloroethane	<1.9
MTBE	<2.1
Vinyl Acetate	<2.6
2-Butanone	234
cis-1,2-Dichloroethene	<1.9
n-Hexane	1.85
Chloroform	<1.6
Ethyl Acetate	21.8
Tetrahydrofuran	193
1,2-Dichloroethane	<1.9
1,1,1-Trichloroethane	<1.4
Benzene	102
Carbon Tetrachloride	<1.2
Cyclohexane	<2.2
1,2-Dichloropropane	<1.7
Bromodichloromethane	<1.2
Trichloroethene	<1.4
1,4-Dioxane	<2.1
n-Heptane	<1.9
cis-1,3-Dichloropropene	<1.7
4-Methyl-2-pentanone	7.72
trans-1,3-Dichloropropene	<1.7
1,1-2-Trichloroethane	<1.4
Toluene	10.5
2-Hexanone	1.80
Dibromochloromethane	<0.90
1,2-Dibromoethane	<1.0
Tetrachloroethene	<1.1
Chlorobenzene	<1.7
Ethylbenzene	3.95
m,p-Xylene	3.01
Bromoform	<0.80
Styrene	<1.8
1,1,2,2-Tetrachloroethane	<1.1
o-Xylene	<1.8
Benzyl Chloride	<1.4
4-Ethyl Toluene	<1.6
1,3,5-Trimethyl Benzene	<1.6
1,2,4-Trimethyl Benzene	<1.6
1,3-Dichlorobenzene	<1.3
1,4-Dichlorobenzene	<1.3
1,2-Dichlorobenzene	<1.3
1,2,4-Trichlorobenzene	<4.1
Hexachlorobutadiene	<2.9

Brian W. Fung
Laboratory Director

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) Lauren Barlow	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	Fixed Gases	CO	H2	TO-15		Special Remarks
Zeeco Inlet	Landfill gas	22254-9	8/11/24	4:01 PM	X	X	X	X	X	150 ppm	Unfiltered Raw Gas
FL 2009 Inlet	Landfill gas	-10	8/11/24	3:49 PM	X	X	X	X	X	3 ppm	H2S Drager
Zeeco Inlet	LFG	-11	8-12-24	8:40 AM	X					180 ppm	
FL 2009 Inlet	LFG	-12	8-12-24	8:45 AM	X					8 ppm	

Note: analyzing additional components on 8/12/24 sampler

Relinquished by: (Signature) Lauren Barlow	Date 8/12/24	Time 9:22 AM	**Received by: (Signature)**	Date 8/12/24 Time 9:22
Relinquished by: (Signature)	Date 8/12/24	Time 9:22 AM	**Received by: (Signature)** Ruben G	Date 8/12/24 Time 9:22
Relinquished by: (Signature) Ruben G	Date 8/12/24	Time 10:13	**Received for Laboratory by: (Signature)**	Date 8/12/24 Time ~~9:22~~ 10:13

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 13, 2024
Date Received: August 13, 2024
Date Analyzed: August 13, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22264-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	14.4
Carbonyl sulfide	0.98
Methyl mercaptan	10.5
Ethyl mercaptan	<0.50
Dimethyl sulfide	215
Carbon disulfide	<0.50
i-Propyl mercaptan	0.58
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.17
s-Butyl mercaptan	3.21
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.6
Tetrahydrothiophene	1.96
Unidentified sulfurs	28.6
	(Concentration in ppmv, as H_2S)
Total Sulfur	298.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	14.9	13.9	14.4	6.9
Carbonyl sulfide	FL-2009 Inlet	1.02	0.94	0.98	8.2
Methyl mercaptan	FL-2009 Inlet	10.9	10.0	10.5	8.6
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	222	207	215	7.0
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.59	0.57	0.58	3.4
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.32	3.02	3.17	9.5
s-Butyl mercaptan	FL-2009 Inlet	3.31	3.10	3.21	6.6
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	10.8	10.3	10.6	4.7
Tetrahydrothiophene	FL-2009 Inlet	2.00	1.92	1.96	4.1
Unidentified sulfurs	FL-2009 Inlet	29.5	27.7	28.6	6.3

One Tedlar bag sample, laboratory number 22264-1, 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 6.5%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 13, 2024
Date Received: August 13, 2024
Date Analyzed: August 13, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22264-2
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	199
Carbonyl sulfide	<0.80
Methyl mercaptan	171
Ethyl mercaptan	2.10
Dimethyl sulfide	376
Carbon disulfide	<0.80
i-Propyl mercaptan	1.40
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.71
s-Butyl mercaptan	5.88
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.74
Unidentified sulfurs	6.47

(Concentration in ppmv, as H_2S)

Total Sulfur	770.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	196	201	199	2.5
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	168	174	171	3.5
Ethyl mercaptan	Zeeco Inlet	2.05	2.15	2.10	4.8
Dimethyl sulfide	Zeeco Inlet	362	390	376	7.4
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.34	1.46	1.40	8.6
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.79	5.63	5.71	2.7
s-Butyl mercaptan	Zeeco Inlet	5.66	6.10	5.88	7.5
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.60	3.87	3.74	7.2
Unidentified sulfurs	Zeeco Inlet	6.13	6.81	6.47	10

One Tedlar bag sample, laboratory number 22264-2, 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 6.1%.

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) 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
FL2009 Inlet	LFG	22264-1	8/13/24	7:20 AM	X					12 ppm	Unfiltered Raw Gas
Zeeco Inlet	LFG	-2	8/13/24	7:10 AM	X					210 ppm	H2S Drager

	Date	Time		Date	Time
Relinquished by: (Signature) Jaime Cortez	8/13/24	9:31 AM	**Received by: (Signature)** Kulwant G	8/13/24	9:31
Relinquished by: (Signature) Kulwant G	8/13/24	10:55	**Received by: (Signature)**	Date	Time
Relinquished by: (Signature)	Date	Time	**Received for Laboratory by: (Signature)**	8/13/24	10:54

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 14, 2024
Date Received: August 14, 2024
Date Analyzed: August 14, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22274-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	185
Carbonyl sulfide	<0.80
Methyl mercaptan	161
Ethyl mercaptan	1.94
Dimethyl sulfide	343
Carbon disulfide	<0.80
i-Propyl mercaptan	1.40
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.44
s-Butyl mercaptan	5.15
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.25
Unidentified sulfurs	5.66

(Concentration in ppmv, as H_2S)

Total Sulfur	710.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	183	186	185	1.6
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	158	163	161	3.1
Ethyl mercaptan	Zeeco Inlet	1.92	1.96	1.94	2.1
Dimethyl sulfide	Zeeco Inlet	340	346	343	1.7
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.40	1.40	1.40	0.00
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.37	5.51	5.44	2.6
s-Butyl mercaptan	Zeeco Inlet	5.10	5.20	5.15	1.9
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.23	3.27	3.25	1.2
Unidentified sulfurs	Zeeco Inlet	5.77	5.55	5.66	3.9

One Tedlar bag sample, laboratory number 22274-3, 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 9 repeat measurements from one Tedlar bag sample is 2.0%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 14, 2024
Date Received: August 14, 2024
Date Analyzed: August 14, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22274-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	18.2
Carbonyl sulfide	1.03
Methyl mercaptan	13.6
Ethyl mercaptan	<0.50
Dimethyl sulfide	253
Carbon disulfide	<0.50
i-Propyl mercaptan	0.71
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.66
s-Butyl mercaptan	3.68
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.4
Tetrahydrothiophene	2.35
Unidentified sulfurs	35.3

(Concentration in ppmv, as H_2S)

Total Sulfur	355.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	18.0	18.3	18.2	1.7
Carbonyl sulfide	FL-2009 Inlet	1.00	1.05	1.03	4.9
Methyl mercaptan	FL-2009 Inlet	13.5	13.6	13.6	0.74
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	252	253	253	0.40
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.71	0.70	0.71	1.4
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.63	3.68	3.66	1.4
s-Butyl mercaptan	FL-2009 Inlet	3.58	3.77	3.68	5.2
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.2	12.5	12.4	2.4
Tetrahydrothiophene	FL-2009 Inlet	2.26	2.44	2.35	7.7
Unidentified sulfurs	FL-2009 Inlet	34.4	36.2	35.3	5.1

One Tedlar bag sample, laboratory number 22274-4, 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 3.1%.

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)* Jaime Cervantes	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
Teeco Inlet	LFG	22274-3	8/14/24	7:25am	X					160 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-4	8/14/24	7:35am	X					8 ppm	H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
Jaime Cervantes	8/14/24	8:45am	Ruben G	8/14/24	8:45
Ruben G	8/14/24	9:50		Date	Time
Relinquished by: *(Signature)*	Date	Time	Received for Laboratory by: *(Signature)*	Date	Time
				8/14/24	9:50

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 15, 2024
Date Received: August 15, 2024
Date Analyzed: August 15, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22284-19
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	216
Carbonyl sulfide	<0.80
Methyl mercaptan	179
Ethyl mercaptan	2.15
Dimethyl sulfide	387
Carbon disulfide	<0.80
i-Propyl mercaptan	1.53
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.54
s-Butyl mercaptan	5.92
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.70
Unidentified sulfurs	6.42
	(Concentration in ppmv, as H_2S)
Total Sulfur	806.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	214	218	216	1.9
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	178	180	179	1.1
Ethyl mercaptan	Zeeco Inlet	2.12	2.17	2.15	2.3
Dimethyl sulfide	Zeeco Inlet	384	389	387	1.3
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.50	1.56	1.53	3.9
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.52	5.55	5.54	0.53
s-Butyl mercaptan	Zeeco Inlet	5.95	5.88	5.92	1.2
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.72	3.68	3.70	1.1
Unidentified sulfurs	Zeeco Inlet	6.49	6.35	6.42	2.2

One Tedlar bag sample, laboratory number 22284-19, 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 1.7%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 15, 2024
Date Received: August 15, 2024
Date Analyzed: August 15, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22284-20
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	19.1
Carbonyl sulfide	0.95
Methyl mercaptan	13.4
Ethyl mercaptan	<0.50
Dimethyl sulfide	239
Carbon disulfide	<0.50
i-Propyl mercaptan	0.70
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.42
s-Butyl mercaptan	3.44
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.2
Tetrahydrothiophene	2.11
Unidentified sulfurs	32.2
	(Concentration in ppmv, as H_2S)
Total Sulfur	338.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	18.4	19.8	19.1	7.3
Carbonyl sulfide	FL-2009 Inlet	0.90	1.00	0.95	11
Methyl mercaptan	FL-2009 Inlet	12.9	13.9	13.4	7.5
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	230	247	239	7.1
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.66	0.74	0.70	12
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.26	3.57	3.42	9.1
s-Butyl mercaptan	FL-2009 Inlet	3.22	3.66	3.44	13
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.6	12.8	12.2	9.8
Tetrahydrothiophene	FL-2009 Inlet	2.11	2.10	2.11	0.48
Unidentified sulfurs	FL-2009 Inlet	30.6	33.8	32.2	9.9

One Tedlar bag sample, laboratory number 22284-20, 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 8.6%.

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)* Jaime Cervantes	**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
Zeco Inlet	LFG	22264-19	8/15/24	6:20 AM	X					200 ppm	Unfiltered Raw Gas
FL2009 Inlet	LFG	-20	8/15/24	7:33 AM	X					12 ppm	H2S Drager

	Date	Time		Date	Time
Relinquished by: *(Signature)* Jaime Cervantes	8/15/24	9:00 AM	**Received by:** *(Signature)* Ruben G	8/15/24	9:00
Relinquished by: *(Signature)* Ruben G	8/15/24	10:16	**Received by:** *(Signature)*	Date	Time
Relinquished by: *(Signature)*	Date	Time	**Received for Laboratory by:** *(Signature)*	8/15/24	10:14

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 16, 2024
Date Received: August 17, 2024
Date Analyzed: August 17, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22304-1
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	263
Carbonyl sulfide	0.80
Methyl mercaptan	232
Ethyl mercaptan	2.72
Dimethyl sulfide	489
Carbon disulfide	<0.80
i-Propyl mercaptan	2.27
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	7.28
s-Butyl mercaptan	7.67
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	4.65
Unidentified sulfurs	9.08

(Concentration in ppmv, as H_2S)

Total Sulfur	1017.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	262	263	263	0.38
Carbonyl sulfide	Zeeco Inlet	0.79	0.81	0.80	2.5
Methyl mercaptan	Zeeco Inlet	232	232	232	0.00
Ethyl mercaptan	Zeeco Inlet	2.80	2.63	2.72	6.3
Dimethyl sulfide	Zeeco Inlet	486	491	489	1.0
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	2.30	2.23	2.27	3.1
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	7.01	7.54	7.28	7.2
s-Butyl mercaptan	Zeeco Inlet	7.66	7.68	7.67	0.26
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	4.69	4.61	4.65	1.7
Unidentified sulfurs	Zeeco Inlet	9.15	9.01	9.08	1.5

One Tedlar bag sample, laboratory number 22304-1, 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 2.4%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 16, 2024
Date Received: August 17, 2024
Date Analyzed: August 17, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22304-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	12.3
Carbonyl sulfide	0.99
Methyl mercaptan	11.2
Ethyl mercaptan	<0.50
Dimethyl sulfide	296
Carbon disulfide	<0.50
i-Propyl mercaptan	0.58
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	4.10
s-Butyl mercaptan	3.59
i-Butyl mercaptan	<0.50
Dimethyl disulfide	13.1
Tetrahydrothiophene	2.38
Unidentified sulfurs	46.1

(Concentration in ppmv, as H_2S)

Total Sulfur	403.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	12.0	12.6	12.3	4.9
Carbonyl sulfide	FL-2009 Inlet	0.95	1.02	0.99	7.1
Methyl mercaptan	FL-2009 Inlet	10.9	11.4	11.2	4.5
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	291	301	296	3.4
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.58	0.57	0.58	1.7
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	4.01	4.19	4.10	4.4
s-Butyl mercaptan	FL-2009 Inlet	3.51	3.66	3.59	4.2
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.9	13.3	13.1	3.1
Tetrahydrothiophene	FL-2009 Inlet	2.39	2.37	2.38	0.80
Unidentified sulfurs	FL-2009 Inlet	44.8	47.5	46.1	5.9

One Tedlar bag sample, laboratory number 22304-2, 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 4.0%.

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)* Jaime Cerda	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
Zeeco Inlet	LFG	22304-1	8/16/24	2:40 pm	X					160 ppm	Unfiltered Raw Gas
FL 2009 Inlet	LFG	22304-2	8/16/24	2:30 pm	X					8 ppm	H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
Jaime Cerda	8/17/24	9:47 am	S. Ferrer	8-17-24	9:47
Relinquished by: *(Signature)* S. Ferrer	**Date** 8-17-24	**Time** 10:35	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 8/17/24	**Time** 10:35

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 17, 2024
Date Received: August 17, 2024
Date Analyzed: August 17, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22304-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	244
Carbonyl sulfide	<0.80
Methyl mercaptan	197
Ethyl mercaptan	2.35
Dimethyl sulfide	435
Carbon disulfide	<0.80
i-Propyl mercaptan	2.01
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.18
s-Butyl mercaptan	6.80
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	4.00
Unidentified sulfurs	7.54
	(Concentration in ppmv, as H_2S)
Total Sulfur	903.9

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	241	246	244	2.1
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	194	200	197	3.0
Ethyl mercaptan	Zeeco Inlet	2.31	2.38	2.35	3.0
Dimethyl sulfide	Zeeco Inlet	434	435	435	0.23
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.98	2.03	2.01	2.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.21	6.15	6.18	0.98
s-Butyl mercaptan	Zeeco Inlet	6.78	6.82	6.80	0.59
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	4.00	3.99	4.00	0.25
Unidentified sulfurs	Zeeco Inlet	7.54	7.54	7.54	0.09

One Tedlar bag sample, laboratory number 22304-3, 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 9 repeat measurements from one Tedlar bag sample is 1.4%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 17, 2024
Date Received: August 17, 2024
Date Analyzed: August 17, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22304-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	22.5
Carbonyl sulfide	0.91
Methyl mercaptan	19.9
Ethyl mercaptan	<0.50
Dimethyl sulfide	238
Carbon disulfide	<0.50
i-Propyl mercaptan	0.94
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.36
s-Butyl mercaptan	3.41
i-Butyl mercaptan	<0.50
Dimethyl disulfide	9.97
Tetrahydrothiophene	1.94
Unidentified sulfurs	25.3

(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: August 17, 2024
Date Received: August 17, 2024
Date Analyzed: August 17, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	21.7	23.2	22.5	6.7
Carbonyl sulfide	FL-2009 Inlet	0.89	0.93	0.91	4.4
Methyl mercaptan	FL-2009 Inlet	19.1	20.6	19.9	7.6
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	230	245	238	6.3
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.91	0.96	0.94	5.3
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.26	3.45	3.36	5.7
s-Butyl mercaptan	FL-2009 Inlet	3.31	3.50	3.41	5.6
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	9.64	10.3	9.97	6.6
Tetrahydrothiophene	FL-2009 Inlet	1.92	1.95	1.94	1.6
Unidentified sulfurs	FL-2009 Inlet	24.5	26.1	25.3	6.3

One Tedlar bag sample, laboratory number 22304-4, 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 5.6%.

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	22304-3	8/17/24	07:50	X					200 ppm	Unfiltered Raw Gas
FL-2009 Inlet	LFG	22304-4	8/17/24	07:41	X					20 ppm	H2S Drager

	Date	Time		Date	Time
Relinquished by: *(Signature)*	8/17/24	08:12	**Received by:** *(Signature)* S. Ferrer	8/17/24	9:47
Relinquished by: *(Signature)* S. Ferrer	8/17/24	10:35	**Received by:** *(Signature)*		
Relinquished by: *(Signature)*			**Received for Laboratory by:** *(Signature)*	8/17/24	10:35

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 18, 2024
Date Received: August 19, 2024
Date Analyzed: August 19, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22324-3
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	18.1
Carbonyl sulfide	1.04
Methyl mercaptan	15.2
Ethyl mercaptan	<0.50
Dimethyl sulfide	277
Carbon disulfide	<0.50
i-Propyl mercaptan	0.72
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.91
s-Butyl mercaptan	3.78
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.3
Tetrahydrothiophene	2.50
Unidentified sulfurs	34.1

(Concentration in ppmv, as H_2S)

Total Sulfur	380.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 18, 2024
Date Received: August 19, 2024
Date Analyzed: August 19, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	17.9	18.2	18.1	1.7
Carbonyl sulfide	FL-2009 Inlet	1.04	1.04	1.04	0.00
Methyl mercaptan	FL-2009 Inlet	14.9	15.4	15.2	3.3
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	274	279	277	1.8
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.69	0.74	0.72	7.0
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.79	4.03	3.91	6.1
s-Butyl mercaptan	FL-2009 Inlet	3.69	3.87	3.78	4.8
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.9	12.6	12.3	5.7
Tetrahydrothiophene	FL-2009 Inlet	2.44	2.55	2.50	4.4
Unidentified sulfurs	FL-2009 Inlet	33.7	34.5	34.1	2.3

One Tedlar bag sample, laboratory number 22324-3, 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 3.7%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 18, 2024
Date Received: August 19, 2024
Date Analyzed: August 19, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22324-4
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	222
Carbonyl sulfide	<0.80
Methyl mercaptan	185
Ethyl mercaptan	2.19
Dimethyl sulfide	378
Carbon disulfide	<0.80
i-Propyl mercaptan	1.83
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.66
s-Butyl mercaptan	6.12
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.58
Unidentified sulfurs	6.94
	(Concentration in ppmv, as H_2S)
Total Sulfur	811.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 18, 2024
Date Received: August 19, 2024
Date Analyzed: August 19, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	217	227	222	4.5
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	182	188	185	3.2
Ethyl mercaptan	Zeeco Inlet	2.16	2.21	2.19	2.3
Dimethyl sulfide	Zeeco Inlet	373	383	378	2.6
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.81	1.84	1.83	1.6
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.82	5.51	5.66	5.5
s-Butyl mercaptan	Zeeco Inlet	6.02	6.21	6.12	3.1
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.57	3.58	3.58	0.28
Unidentified sulfurs	Zeeco Inlet	6.75	7.12	6.94	5.3

One Tedlar bag sample, laboratory number 22324-4, 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 9 repeat measurements from one Tedlar bag sample is 3.2%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 19, 2024
Date Received: August 19, 2024
Date Analyzed: August 19, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22324-5
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	24.0
Carbonyl sulfide	0.91
Methyl mercaptan	22.2
Ethyl mercaptan	0.49
Dimethyl sulfide	238
Carbon disulfide	<0.50
i-Propyl mercaptan	1.10
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.43
s-Butyl mercaptan	3.72
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.1
Tetrahydrothiophene	2.21
Unidentified sulfurs	28.6

(Concentration in ppmv, as H_2S)

Total Sulfur	344.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	24.3	23.6	24.0	2.9
Carbonyl sulfide	FL-2009 Inlet	0.94	0.88	0.91	6.6
Methyl mercaptan	FL-2009 Inlet	22.4	22.0	22.2	1.8
Ethyl mercaptan	FL-2009 Inlet	0.50	0.48	0.49	4.1
Dimethyl sulfide	FL-2009 Inlet	240	236	238	1.7
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.11	1.08	1.10	2.7
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.42	3.44	3.43	0.58
s-Butyl mercaptan	FL-2009 Inlet	3.74	3.69	3.72	1.3
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	10.1	10.0	10.1	1.0
Tetrahydrothiophene	FL-2009 Inlet	2.22	2.19	2.21	1.4
Unidentified sulfurs	FL-2009 Inlet	28.8	28.3	28.6	1.8

One Tedlar bag sample, laboratory number 22324-5, 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 11 repeat measurements from one Tedlar bag sample is 2.4%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 19, 2024
Date Received: August 19, 2024
Date Analyzed: August 19, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22324-6
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	252
Carbonyl sulfide	<0.80
Methyl mercaptan	205
Ethyl mercaptan	2.44
Dimethyl sulfide	424
Carbon disulfide	<0.80
i-Propyl mercaptan	2.04
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	6.25
s-Butyl mercaptan	7.00
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	4.35
Unidentified sulfurs	6.89

(Concentration in ppmv, as H_2S)

Total Sulfur	909.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	246	258	252	4.8
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	200	209	205	4.4
Ethyl mercaptan	Zeeco Inlet	2.38	2.49	2.44	4.5
Dimethyl sulfide	Zeeco Inlet	414	434	424	4.7
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.98	2.10	2.04	5.9
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	6.16	6.33	6.25	2.8
s-Butyl mercaptan	Zeeco Inlet	6.88	7.11	7.00	3.3
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	4.28	4.41	4.35	3.0
Unidentified sulfurs	Zeeco Inlet	6.82	6.95	6.89	2.0

One Tedlar bag sample, laboratory number 22324-6, 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 9 repeat measurements from one Tedlar bag sample is 3.9%.

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
FL 2009 inlet	LFG	22324-3	8-18-24	4:34pm	X					1200ppm	Unfiltered Raw Gas
Zeeco FL inlet	LFG	-4	8-18-24	4:21pm	X					2000ppm	H2S Drager
FL 2009 inlet	LFG	-5	8-19-24	8:00am	X					20ppm	
Zeeco FL inlet	LFG	-6	8-19-24	8:10am	X					2000ppm	

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	8-19-24	8:38am		8-19-24	8:40am
Relinquished by: *(Signature)*	**Date**	**Time**	**Received by:** *(Signature)*	**Date**	**Time**
	8-19-24	9:16am		8/19/24	9:17.
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date**	**Time**
	8/19/24	10:10		8/19/24	10:10

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 20, 2024
Date Received: August 21, 2024
Date Analyzed: August 21, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22344-19
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	192
Carbonyl sulfide	<0.80
Methyl mercaptan	160
Ethyl mercaptan	1.90
Dimethyl sulfide	331
Carbon disulfide	<0.80
i-Propyl mercaptan	1.51
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.76
s-Butyl mercaptan	5.25
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	3.19
Unidentified sulfurs	5.46
	(Concentration in ppmv, as H_2S)
Total Sulfur	705.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 20, 2024
Date Received: August 21, 2024
Date Analyzed: August 21, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	191	193	192	1.0
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	160	160	160	0.00
Ethyl mercaptan	Zeeco Inlet	1.91	1.88	1.90	1.6
Dimethyl sulfide	Zeeco Inlet	331	331	331	0.00
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.52	1.50	1.51	1.3
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.72	4.81	4.76	1.8
s-Butyl mercaptan	Zeeco Inlet	5.28	5.21	5.25	1.3
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	3.25	3.13	3.19	3.8
Unidentified sulfurs	Zeeco Inlet	5.35	5.56	5.46	4.0

One Tedlar bag sample, laboratory number 22344-19, 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 1.6%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 20, 2024
Date Received: August 21, 2024
Date Analyzed: August 21, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22344-20
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	17.4
Carbonyl sulfide	1.09
Methyl mercaptan	11.9
Ethyl mercaptan	<0.50
Dimethyl sulfide	271
Carbon disulfide	<0.50
i-Propyl mercaptan	0.62
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.81
s-Butyl mercaptan	3.59
i-Butyl mercaptan	<0.50
Dimethyl disulfide	13.8
Tetrahydrothiophene	2.22
Unidentified sulfurs	38.6

(Concentration in ppmv, as H_2S)

Total Sulfur	377.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 20, 2024
Date Received: August 21, 2024
Date Analyzed: August 21, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	16.7	18.1	17.4	8.0
Carbonyl sulfide	FL-2009 Inlet	1.06	1.11	1.09	4.6
Methyl mercaptan	FL-2009 Inlet	11.4	12.4	11.9	8.4
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	260	281	271	7.8
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.60	0.64	0.62	6.5
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.68	3.93	3.81	6.6
s-Butyl mercaptan	FL-2009 Inlet	3.46	3.72	3.59	7.2
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	13.2	14.3	13.8	8.0
Tetrahydrothiophene	FL-2009 Inlet	2.19	2.24	2.22	2.3
Unidentified sulfurs	FL-2009 Inlet	37.5	39.7	38.6	5.7

One Tedlar bag sample, laboratory number 22344-20, 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 6.5%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date:	August 22, 2024
Client:	SCS Engineers
Project Location:	Chiquita Canyon
Project No.:	07224300.24 Task 1
Date Sampled:	August 21, 2024
Date Received:	August 21, 2024
Date Analyzed:	August 21, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22344-21
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	184
Carbonyl sulfide	<0.80
Methyl mercaptan	140
Ethyl mercaptan	1.65
Dimethyl sulfide	294
Carbon disulfide	<0.80
i-Propyl mercaptan	1.38
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.60
s-Butyl mercaptan	4.84
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.86
Unidentified sulfurs	4.94
	(Concentration in ppmv, as H_2S)
Total Sulfur	637.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	181	187	184	3.3
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	138	141	140	2.2
Ethyl mercaptan	Zeeco Inlet	1.64	1.65	1.65	0.61
Dimethyl sulfide	Zeeco Inlet	291	296	294	1.7
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.37	1.38	1.38	0.73
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.58	4.63	4.60	1.2
s-Butyl mercaptan	Zeeco Inlet	4.83	4.85	4.84	0.41
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.88	2.84	2.86	1.4
Unidentified sulfurs	Zeeco Inlet	5.11	4.77	4.94	7.1

One Tedlar bag sample, laboratory number 22344-21, 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 2.0%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: August 22, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 21, 2024
Date Received: August 21, 2024
Date Analyzed: August 21, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22344-22
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	26.9
Carbonyl sulfide	0.89
Methyl mercaptan	23.2
Ethyl mercaptan	<0.50
Dimethyl sulfide	256
Carbon disulfide	<0.50
i-Propyl mercaptan	1.12
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.62
s-Butyl mercaptan	3.97
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.4
Tetrahydrothiophene	2.39
Unidentified sulfurs	34.0
	(Concentration in ppmv, as H_2S)
Total Sulfur	374.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 21, 2024
Date Received: August 21, 2024
Date Analyzed: August 21, 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	26.3	26.9	4.5
Carbonyl sulfide	FL-2009 Inlet	0.87	0.90	0.89	3.4
Methyl mercaptan	FL-2009 Inlet	23.4	22.9	23.2	2.2
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	259	253	256	2.3
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.11	1.13	1.12	1.8
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	3.96	3.97	3.97	0.25
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	11.3	11.4	11.4	0.88
Tetrahydrothiophene	FL-2009 Inlet	2.42	2.36	2.39	2.7
Unidentified sulfurs	FL-2009 Inlet	34.2	33.9	34.0	0.71

One Tedlar bag sample, laboratory number 22344-22, 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
Zeeco-Inlet	LFG	22344-19	08/20/2024	15:14	X					150 ppm	Unfiltered Raw Gas
FL-2002 Inlet	LFG	-20	08/20/2024	15:32	X					13 ppm	H2S Drager
Zeeco Inlet	LFG	-21	8/21/24	8:25am	X					190 ppm	Unfiltered Raw Gas
FL-2009 Inlet	LFG	-22	8/21/24	8:30am	X						

	Date	Time		Date	Time
Relinquished by: (Signature)	08/21/24	8:35am	**Received by: (Signature)**	8-21-24	8:35am
Relinquished by: (Signature)	8-21-24	9:10am	**Received by: (Signature)**	8/21/24	9:11
Relinquished by: (Signature)	8/21/24	10:07	**Received for Laboratory by: (Signature)**	8/21/24	10:07

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

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

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22354-19
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	185
Carbonyl sulfide	<0.80
Methyl mercaptan	135
Ethyl mercaptan	1.55
Dimethyl sulfide	289
Carbon disulfide	<0.80
i-Propyl mercaptan	1.31
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.11
s-Butyl mercaptan	4.44
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.54
Unidentified sulfurs	4.87
	(Concentration in ppmv, as H_2S)
Total Sulfur	626.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	188	181	185	3.8
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	138	131	135	5.2
Ethyl mercaptan	Zeeco Inlet	1.57	1.52	1.55	3.2
Dimethyl sulfide	Zeeco Inlet	295	282	289	4.5
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.36	1.26	1.31	7.6
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.03	4.18	4.11	3.5
s-Butyl mercaptan	Zeeco Inlet	4.56	4.32	4.44	5.4
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.64	2.44	2.54	7.9
Unidentified sulfurs	Zeeco Inlet	4.99	4.75	4.87	4.9

One Tedlar bag sample, laboratory number 22354-19, 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 5.1%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

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

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22354-20
Sample I.D.:	FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	24.0
Carbonyl sulfide	0.87
Methyl mercaptan	20.3
Ethyl mercaptan	<0.50
Dimethyl sulfide	267
Carbon disulfide	<0.50
i-Propyl mercaptan	1.04
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.60
s-Butyl mercaptan	3.68
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.0
Tetrahydrothiophene	2.01
Unidentified sulfurs	28.5

(Concentration in ppmv, as H_2S)

Total Sulfur	370.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	23.6	24.4	24.0	3.3
Carbonyl sulfide	FL-2009 Inlet	0.85	0.89	0.87	4.6
Methyl mercaptan	FL-2009 Inlet	20.0	20.6	20.3	3.0
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	263	270	267	2.6
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.02	1.05	1.04	2.9
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.54	3.65	3.60	3.1
s-Butyl mercaptan	FL-2009 Inlet	3.59	3.76	3.68	4.6
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	9.88	10.2	10.0	3.2
Tetrahydrothiophene	FL-2009 Inlet	1.99	2.03	2.01	2.0
Unidentified sulfurs	FL-2009 Inlet	28.4	28.6	28.5	0.70

One Tedlar bag sample, laboratory number 22354-20, 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)* Cage Johnson	**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
Zecco Inlet	LFG	22354-19	8/22/24	8:25	X					1600 PPM	Unfiltered Raw Gas
FL-2009 Inlet	LFG	-20	8/22/24	8:18	X					20 PPM	H2S Drager

Relinquished by: *(Signature)*	**Date** 8/22/24	**Time** 8:25 AM	**Received by:** *(Signature)*	**Date** 8/22/24 **Time** 9:01 AM
Relinquished by: *(Signature)*	**Date** 8/22/24	**Time** 9:12 AM	**Received by:** *(Signature)*	**Date** 8/22/24 **Time** 9:12
Relinquished by: *(Signature)*	**Date** 8/22/24	**Time** 10:10	**Received for Laboratory by:** *(Signature)*	**Date** 8/22/24 **Time** 10:10

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 23, 2024
Date Received: August 23, 2024
Date Analyzed: August 23, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22364-6
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	168
Carbonyl sulfide	<0.80
Methyl mercaptan	134
Ethyl mercaptan	1.65
Dimethyl sulfide	282
Carbon disulfide	<0.80
i-Propyl mercaptan	1.36
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.47
s-Butyl mercaptan	4.70
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.70
Unidentified sulfurs	5.94

(Concentration in ppmv, as H_2S)

Total Sulfur	603.8

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	169	166	168	1.8
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	133	134	134	0.75
Ethyl mercaptan	Zeeco Inlet	1.65	1.65	1.65	0.00
Dimethyl sulfide	Zeeco Inlet	282	282	282	0.00
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.36	1.36	1.36	0.00
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.46	4.48	4.47	0.45
s-Butyl mercaptan	Zeeco Inlet	4.68	4.72	4.70	0.85
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.66	2.74	2.70	3.0
Unidentified sulfurs	Zeeco Inlet	5.83	6.05	5.94	3.7

One Tedlar bag sample, laboratory number 22364-6, 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 9 repeat measurements from one Tedlar bag sample is 1.2%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 23, 2024
Date Received: August 23, 2024
Date Analyzed: August 23, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22364-7
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	23.1
Carbonyl sulfide	0.89
Methyl mercaptan	20.5
Ethyl mercaptan	<0.50
Dimethyl sulfide	253
Carbon disulfide	<0.50
i-Propyl mercaptan	1.09
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.82
s-Butyl mercaptan	4.08
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.1
Tetrahydrothiophene	2.06
Unidentified sulfurs	24.3

(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: August 23, 2024
Date Received: August 23, 2024
Date Analyzed: August 23, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	23.3	22.9	23.1	1.7
Carbonyl sulfide	FL-2009 Inlet	0.91	0.86	0.89	5.6
Methyl mercaptan	FL-2009 Inlet	20.5	20.5	20.5	0.00
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	252	254	253	0.79
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	1.08	1.10	1.09	1.8
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.81	3.83	3.82	0.52
s-Butyl mercaptan	FL-2009 Inlet	4.09	4.06	4.08	0.74
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	9.95	10.2	10.1	2.5
Tetrahydrothiophene	FL-2009 Inlet	2.06	2.05	2.06	0.49
Unidentified sulfurs	FL-2009 Inlet	23.6	24.9	24.3	5.4

One Tedlar bag sample, laboratory number 22364-7, 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 2.0%.

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.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	ANALYSES REQUESTED: TRS (307.91)						Special Remarks
Zeeco Inlet	LFG	22364-6	8/23/24	7:30 am	X					180 ppm	Unfiltered Raw Gas
FL-200a Inlet	LFG	-7	8/23/24	7:40 am	X					20 ppm	H2S Drager

Relinquished by: *(Signature)*	**Date** 8/23/24	**Time** 8:52	**Received by:** *(Signature)* S. Ferrer	**Date** 8/23/24 **Time** 8:52
Relinquished by: *(Signature)* S. Ferrer	**Date** 8/23/24	**Time** 9:38	**Received by:** *(Signature)*	**Date** **Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 8/23/24 **Time** 9:38

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 24, 2024
Date Received: August 24, 2024
Date Analyzed: August 24, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22374-1
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	174
Carbonyl sulfide	<0.80
Methyl mercaptan	144
Ethyl mercaptan	1.80
Dimethyl sulfide	336
Carbon disulfide	<0.80
i-Propyl mercaptan	1.33
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.57
s-Butyl mercaptan	4.75
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.29
Unidentified sulfurs	4.77
	(Concentration in ppmv, as H_2S)
Total Sulfur	673.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	174	174	174	0.00
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	143	145	144	1.4
Ethyl mercaptan	Zeeco Inlet	1.79	1.80	1.80	0.56
Dimethyl sulfide	Zeeco Inlet	334	337	336	0.89
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.32	1.33	1.33	0.75
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.59	4.54	4.57	1.2
s-Butyl mercaptan	Zeeco Inlet	4.77	4.73	4.75	0.84
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.23	2.35	2.29	5.2
Unidentified sulfurs	Zeeco Inlet	4.75	4.78	4.77	0.60

One Tedlar bag sample, laboratory number 22374-1, 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 1.3%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 24, 2024
Date Received: August 24, 2024
Date Analyzed: August 24, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22374-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	13.8
Carbonyl sulfide	0.85
Methyl mercaptan	11.4
Ethyl mercaptan	<0.50
Dimethyl sulfide	262
Carbon disulfide	<0.50
i-Propyl mercaptan	0.63
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.48
s-Butyl mercaptan	3.81
i-Butyl mercaptan	<0.50
Dimethyl disulfide	15.7
Tetrahydrothiophene	1.86
Unidentified sulfurs	22.6
	(Concentration in ppmv, as H_2S)
Total Sulfur	351.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	14.0	13.6	13.8	2.9
Carbonyl sulfide	FL-2009 Inlet	0.86	0.84	0.85	2.4
Methyl mercaptan	FL-2009 Inlet	11.5	11.3	11.4	1.8
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	264	259	262	1.9
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.62	0.64	0.63	3.2
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.52	3.43	3.48	2.6
s-Butyl mercaptan	FL-2009 Inlet	3.82	3.79	3.81	0.79
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	15.6	15.8	15.7	1.3
Tetrahydrothiophene	FL-2009 Inlet	1.89	1.83	1.86	3.2
Unidentified sulfurs	FL-2009 Inlet	22.6	22.6	22.6	0.00

One Tedlar bag sample, laboratory number 22374-2, 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 2.0%.

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)						Special Remarks
Zeeco Inlet	Landfill Gas	22374-1	8/24/24	7:45am	X					140 ppm	Unfiltered Raw Gas
FL2009 Inlet	Landfill Gas	-2	8/24/24	8:00 AM	X					12 ppm	H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	8/24/24	9:35am		8/24/24	9:35
Relinquished by: *(Signature)*	**Date** 8/24/24	**Time** 10:21	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 8/24/24	**Time** 10:21

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 25, 2024
Date Received: August 26, 2024
Date Analyzed: August 26, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22394-5
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	198
Carbonyl sulfide	<0.80
Methyl mercaptan	161
Ethyl mercaptan	1.89
Dimethyl sulfide	373
Carbon disulfide	<0.80
i-Propyl mercaptan	1.43
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.91
s-Butyl mercaptan	4.98
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.56
Unidentified sulfurs	6.29

(Concentration in ppmv, as H_2S)

Total Sulfur	752.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 25, 2024
Date Received: August 26, 2024
Date Analyzed: August 26, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	194	201	198	3.5
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	157	164	161	4.4
Ethyl mercaptan	Zeeco Inlet	1.82	1.95	1.89	6.9
Dimethyl sulfide	Zeeco Inlet	366	379	373	3.5
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.40	1.46	1.43	4.2
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.84	4.98	4.91	2.9
s-Butyl mercaptan	Zeeco Inlet	4.85	5.10	4.98	5.0
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.54	2.57	2.56	1.2
Unidentified sulfurs	Zeeco Inlet	6.19	6.38	6.29	3.0

One Tedlar bag sample, laboratory number 22394-5, 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 9 repeat measurements from one Tedlar bag sample is 3.8%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Sampled: August 25, 2024
Date Received: August 26, 2024
Date Analyzed: August 26, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22394-6
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	4.63
Carbonyl sulfide	0.83
Methyl mercaptan	4.99
Ethyl mercaptan	<0.50
Dimethyl sulfide	298
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.52
s-Butyl mercaptan	3.18
i-Butyl mercaptan	<0.50
Dimethyl disulfide	14.7
Tetrahydrothiophene	1.79
Unidentified sulfurs	37.4
	(Concentration in ppmv, as H_2S)
Total Sulfur	383.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 25, 2024
Date Received: August 26, 2024
Date Analyzed: August 26, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	4.63	4.62	4.63	0.22
Carbonyl sulfide	FL-2009 Inlet	0.84	0.82	0.83	2.4
Methyl mercaptan	FL-2009 Inlet	5.03	4.94	4.99	1.8
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	298	298	298	0.00
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	3.48	3.56	3.52	2.3
s-Butyl mercaptan	FL-2009 Inlet	3.17	3.19	3.18	0.63
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	14.6	14.7	14.7	0.68
Tetrahydrothiophene	FL-2009 Inlet	1.81	1.76	1.79	2.8
Unidentified sulfurs	FL-2009 Inlet	37.0	37.8	37.4	2.1

One Tedlar bag sample, laboratory number 22394-6, 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 9 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)*	**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	22394-5	8/25/24	3:48 P.M.	X					300 P.P.M.	Unfiltered Raw Gas
FL 2009 Inlet	Landfill Gas	-6	8/25/24	4:02 P.M.	X					4 P.P.M.	H2S Drager

Relinquished by: *(Signature)*	**Date** 8/26/24	**Time**	**Received by:** *(Signature)*	**Date** 8/24/24 **Time** 9:25
Relinquished by: *(Signature)* S. Fenner	**Date** 8/26/24	**Time** 10:06	**Received by:** *(Signature)*	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by:** *(Signature)*	**Date** 8/24/24	**Time** 10:00

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

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

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22394-7
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	192
Carbonyl sulfide	<0.80
Methyl mercaptan	138
Ethyl mercaptan	1.68
Dimethyl sulfide	325
Carbon disulfide	<0.80
i-Propyl mercaptan	1.33
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.30
s-Butyl mercaptan	4.63
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.22
Unidentified sulfurs	5.46

(Concentration in ppmv, as H_2S)

Total Sulfur	673.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	192	191	192	0.52
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	138	138	138	0.00
Ethyl mercaptan	Zeeco Inlet	1.67	1.69	1.68	1.2
Dimethyl sulfide	Zeeco Inlet	324	325	325	0.31
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.34	1.32	1.33	1.5
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.28	4.31	4.30	0.70
s-Butyl mercaptan	Zeeco Inlet	4.61	4.65	4.63	0.86
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.24	2.19	2.22	2.3
Unidentified sulfurs	Zeeco Inlet	5.42	5.50	5.46	1.5

One Tedlar bag sample, laboratory number 22394-7, 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 9 repeat measurements from one Tedlar bag sample is 0.98%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

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

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22394-8
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	9.08
Carbonyl sulfide	0.81
Methyl mercaptan	12.5
Ethyl mercaptan	<0.50
Dimethyl sulfide	275
Carbon disulfide	<0.50
i-Propyl mercaptan	0.57
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.36
s-Butyl mercaptan	3.36
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.8
Tetrahydrothiophene	1.71
Unidentified sulfurs	30.2
	(Concentration in ppmv, as H_2S)
Total Sulfur	361.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	9.13	9.03	9.08	1.1
Carbonyl sulfide	FL-2009 Inlet	0.80	0.82	0.81	2.5
Methyl mercaptan	FL-2009 Inlet	12.5	12.5	12.5	0.00
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	277	272	275	1.8
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.59	0.55	0.57	7.0
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.37	3.35	3.36	0.60
s-Butyl mercaptan	FL-2009 Inlet	3.37	3.34	3.36	0.89
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.9	12.6	12.8	2.4
Tetrahydrothiophene	FL-2009 Inlet	1.72	1.70	1.71	1.2
Unidentified sulfurs	FL-2009 Inlet	30.8	29.6	30.2	4.0

One Tedlar bag sample, laboratory number 22394-8, 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 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)*	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
Zeeco FL inlet	LFG	22394-7	8-26-24	7:27Am	X					2009m	Unfiltered Raw Gas
FL 2009 inlet	LFG	-8	8-26-24	7:45Am	X					7pm	H2S Drager

ANALYSES REQUESTED

	Date	Time
Relinquished by: *(Signature)*	8-26-24	8:30
Received by: *(Signature)*	8/26/24	9:25
Relinquished by: *(Signature)*	8-26-24	10:06
Received by: *(Signature)*		
Relinquished by: *(Signature)*		
Received for Laboratory by: *(Signature)*	8/26/24	10:04

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 27, 2024
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22414-1
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	181
Carbonyl sulfide	<0.80
Methyl mercaptan	166
Ethyl mercaptan	2.01
Dimethyl sulfide	382
Carbon disulfide	<0.80
i-Propyl mercaptan	1.40
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	5.17
s-Butyl mercaptan	5.15
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.87
Unidentified sulfurs	5.98

(Concentration in ppmv, as H_2S)

Total Sulfur	750.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 27, 2024
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	175	186	181	6.1
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	161	170	166	5.4
Ethyl mercaptan	Zeeco Inlet	1.98	2.04	2.01	3.0
Dimethyl sulfide	Zeeco Inlet	374	390	382	4.2
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.40	1.40	1.40	0.00
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	5.08	5.26	5.17	3.6
s-Butyl mercaptan	Zeeco Inlet	5.10	5.19	5.15	1.7
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.88	2.86	2.87	0.70
Unidentified sulfurs	Zeeco Inlet	5.98	5.99	5.98	0.20

One Tedlar bag sample, laboratory number 22414-1, 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 2.8%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 5, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 27, 2024
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22414-2
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	6.29
Carbonyl sulfide	0.97
Methyl mercaptan	5.74
Ethyl mercaptan	<0.50
Dimethyl sulfide	295
Carbon disulfide	0.54
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.90
s-Butyl mercaptan	3.76
i-Butyl mercaptan	<0.50
Dimethyl disulfide	18.9
Tetrahydrothiophene	2.04
Unidentified sulfurs	55.8

(Concentration in ppmv, as H_2S)

Total Sulfur	412.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 27, 2024
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	6.34	6.24	6.29	1.6
Carbonyl sulfide	FL-2009 Inlet	0.95	0.99	0.97	4.1
Methyl mercaptan	FL-2009 Inlet	5.71	5.76	5.74	0.87
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	297	293	295	1.4
Carbon disulfide	FL-2009 Inlet	0.54	0.53	0.54	1.9
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	3.84	3.95	3.90	2.8
s-Butyl mercaptan	FL-2009 Inlet	3.66	3.85	3.76	5.1
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	18.7	19.1	18.9	2.1
Tetrahydrothiophene	FL-2009 Inlet	2.02	2.05	2.04	1.5
Unidentified sulfurs	FL-2009 Inlet	57.5	54.0	55.8	6.3

One Tedlar bag sample, laboratory number 22414-2, 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 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
Zecco FL inlet	LFG	22414-1	8-27-24	2:40pm	X					15ppm	Unfiltered Raw Gas
2009 FL inlet	LFG	-2	8-27-24	2:45pm	X					5ppm	H2S Drager

Relinquished by: (Signature)	**Date** 8-27-24	**Time** 3:20pm	**Received by: (Signature)**	**Date** 8/28/24 **Time** 9:14
Relinquished by: (Signature)	**Date** 8/28/24	**Time** 10:39	**Received by: (Signature)**	**Date** **Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 8/28/24 **Time** 10:39

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 28, 2024
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22414-4
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	11.2
Carbonyl sulfide	0.90
Methyl mercaptan	14.1
Ethyl mercaptan	<0.50
Dimethyl sulfide	277
Carbon disulfide	<0.50
i-Propyl mercaptan	0.75
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.63
s-Butyl mercaptan	3.76
i-Butyl mercaptan	<0.50
Dimethyl disulfide	17.1
Tetrahydrothiophene	1.98
Unidentified sulfurs	35.7
	(Concentration in ppmv, as H_2S)
Total Sulfur	383.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 28, 2024
Date Received: August 28, 2024
Date Analyzed: August 28, 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	0.92	0.88	0.90	4.4
Methyl mercaptan	FL-2009 Inlet	14.4	13.8	14.1	4.3
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	284	270	277	5.1
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.77	0.72	0.75	6.7
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.75	3.50	3.63	6.9
s-Butyl mercaptan	FL-2009 Inlet	3.76	3.76	3.76	0.00
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	17.2	17.0	17.1	1.2
Tetrahydrothiophene	FL-2009 Inlet	1.98	1.98	1.98	0.00
Unidentified sulfurs	FL-2009 Inlet	36.8	34.5	35.7	6.3

One Tedlar bag sample, laboratory number 22414-4, 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 3.9%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Sampled: August 28, 2024
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22414-3
Sample I.D.: Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	178
Carbonyl sulfide	<0.80
Methyl mercaptan	150
Ethyl mercaptan	1.92
Dimethyl sulfide	345
Carbon disulfide	<0.80
i-Propyl mercaptan	1.44
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.82
s-Butyl mercaptan	5.20
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.68
Unidentified sulfurs	5.72

(Concentration in ppmv, as H_2S)

Total Sulfur	694.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	178	178	178	0.00
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	149	151	150	1.3
Ethyl mercaptan	Zeeco Inlet	1.93	1.91	1.92	1.0
Dimethyl sulfide	Zeeco Inlet	342	347	345	1.5
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.41	1.47	1.44	4.2
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.81	4.82	4.82	0.18
s-Butyl mercaptan	Zeeco Inlet	5.30	5.09	5.20	4.0
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.72	2.63	2.68	3.4
Unidentified sulfurs	Zeeco Inlet	5.80	5.63	5.72	2.9

One Tedlar bag sample, laboratory number 22414-3, 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 9 repeat measurements from one Tedlar bag sample is 2.0%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Permanent Gases Analysis in Tedlar Bag Sample

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

ANALYSIS DESCRIPTION

Permanent gases 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)
22414-3	Zeeco-Inlet	9.46	35.01	20.52	34.49
22414-4	FL-2009-Inlet	5.09	26.65	28.35	38.97

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: August 28, 2024
Date Analyzed: August 28, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	Zeeco-Inlet	9.47	9.44	9.46	0.32	<0.1
	FL-2009-Inlet	5.09	5.09	5.09	0.00	<0.1
Nitrogen	Zeeco-Inlet	35.03	34.99	35.01	0.11	<0.1
	FL-2009-Inlet	26.65	26.64	26.65	0.04	<0.1
Methane	Zeeco-Inlet	20.53	20.50	20.52	0.15	<0.1
	FL-2009-Inlet	28.31	28.38	28.35	0.25	<0.1
Carbon Dioxide	Zeeco-Inlet	34.47	34.50	34.49	0.09	<0.1
	FL-2009-Inlet	38.96	38.97	38.97	0.03	<0.1

Two Tedlar bag samples, laboratory numbers 22414-(3 & 4), were 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 8 repeat measurements from 2 Tedlar bag samples is 0.12%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224300.24 Task 1
Date Received: August 28, 2024
Date Analyzed: August 28, 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)*
22414-3	Zeeco-Inlet	610
22414-4	FL-2009-Inlet	369

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon Landfill
Date Received: August 28, 2024
Date Analyzed: August 28, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	Zeeco-Inlet	606	613	610	1.1

Two Tedlar bag samples, laboratory numbers 22414-(3 & 4), were 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 2 Tedlar bag samples is 1.1%.

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)	1946 (CH4, CO2, CO2, O2)					Special Remarks
Zeeco - Inlet	LFG	22414-3	8/27/24	8:06	X	X				190 ppm	Unfiltered Raw Gas
FL-2009 - Inlet	LFG	-4	8/27/24	8:15	X	X				10 ppm	H2S Drager

ANALYSES REQUESTED

Relinquished by: *(Signature)* Eric Arias	Date 8/27/24	Time 9:14	**Received by:** *(Signature)* Furkan G	Date 8/27/24	Time 9:14
Relinquished by: *(Signature)* Furkan G	Date 8/28/24	Time 10:34	**Received by:** *(Signature)*	Date	Time
Relinquished by: *(Signature)*	Date	Time	**Received for Laboratory by:** *(Signature)*	Date 8/28/24	Time 10:34

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.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 T1
Date Sampled: August 29, 2024
Date Received: August 29, 2024
Date Analyzed: August 29, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22424-18
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	165
Carbonyl sulfide	<0.80
Methyl mercaptan	138
Ethyl mercaptan	1.68
Dimethyl sulfide	328
Carbon disulfide	<0.80
i-Propyl mercaptan	1.33
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.37
s-Butyl mercaptan	4.85
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.45
Unidentified sulfurs	4.07

(Concentration in ppmv, as H_2S)

Total Sulfur	648.7

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	163	166	165	1.8
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	136	139	138	2.2
Ethyl mercaptan	Zeeco Inlet	1.69	1.66	1.68	1.8
Dimethyl sulfide	Zeeco Inlet	325	331	328	1.8
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.31	1.35	1.33	3.0
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.35	4.39	4.37	0.92
s-Butyl mercaptan	Zeeco Inlet	4.63	5.07	4.85	9.1
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.27	2.63	2.45	15
Unidentified sulfurs	Zeeco Inlet	4.04	4.09	4.07	1.2

One Tedlar bag sample, laboratory number 22424-18, 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 4.0%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 T1
Date Sampled: August 29, 2024
Date Received: August 29, 2024
Date Analyzed: August 29, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22424-19
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	12.5
Carbonyl sulfide	0.84
Methyl mercaptan	16.0
Ethyl mercaptan	<0.50
Dimethyl sulfide	267
Carbon disulfide	<0.50
i-Propyl mercaptan	0.83
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.36
s-Butyl mercaptan	3.49
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.8
Tetrahydrothiophene	1.70
Unidentified sulfurs	27.2
	(Concentration in ppmv, as H_2S)
Total Sulfur	358.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	12.2	12.7	12.5	4.0
Carbonyl sulfide	FL-2009 Inlet	0.81	0.87	0.84	7.1
Methyl mercaptan	FL-2009 Inlet	15.7	16.3	16.0	3.8
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	268	266	267	0.75
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.80	0.86	0.83	7.2
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.33	3.38	3.36	1.5
s-Butyl mercaptan	FL-2009 Inlet	3.45	3.53	3.49	2.3
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	12.7	12.8	12.8	0.78
Tetrahydrothiophene	FL-2009 Inlet	1.70	1.70	1.70	0.00
Unidentified sulfurs	FL-2009 Inlet	26.9	27.4	27.2	1.8

One Tedlar bag sample, laboratory number 22424-19, 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%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Permanent Gases Analysis in Tedlar Bag Sample

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 29, 2024
Date Analyzed: August 29, 2024

ANALYSIS DESCRIPTION

Permanent gases 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)
22424-18	Zeeco-Inlet	9.42	34.99	20.03	33.86
22424-19	FL-2009-Inlet	4.94	26.69	28.31	38.70

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: August 29, 2024
Date Analyzed: August 29, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	Zeeco-Inlet	9.41	9.42	9.42	0.11	<0.1
	FL-2009-Inlet	4.94	4.94	4.94	0.00	<0.1
Nitrogen	Zeeco-Inlet	34.96	35.02	34.99	0.17	<0.1
	FL-2009-Inlet	26.69	26.69	26.69	0.00	<0.1
Methane	Zeeco-Inlet	20.05	20.00	20.03	0.25	<0.1
	FL-2009-Inlet	28.32	28.30	28.31	0.07	<0.1
Carbon Dioxide	Zeeco-Inlet	33.87	33.85	33.86	0.06	<0.1
	FL-2009-Inlet	38.69	38.70	38.70	0.03	<0.1

Two Tedlar bag samples, laboratory numbers 22424-(18 & 19), were 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 8 repeat measurements from 2 Tedlar bag samples is 0.08%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 29, 2024
Date Analyzed: August 29, 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)*
22424-18	Zeeco-Inlet	560
22424-19	FL-2009-Inlet	357

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon Landfill
Date Received: August 29, 2024
Date Analyzed: August 29, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	Zeeco-Inlet	548	572	560	4.3

Two Tedlar bag samples, laboratory numbers 22424-(18 & 19), were 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 2 Tedlar bag samples is 4.3%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 T1	**Field Logbook No.**
Sampler: (Signature) Erik Navarro	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	1946 (CH_4, CO_2, O_2)	EPA alt 10 (CO)				Special Remarks
											ANALYSES REQUESTED
Zeeco Inlet		22424-18	8/29/24	07:50AM	X	X	X			200 PPM	Unfiltered Raw Gas
FL-2009 Inlet		-19	8/29/24	07:55AM	X	X	X			12PPM	H2S Drager

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Erik Navarro	8/29/24	08:10 AM	[signature]	8/29/24	8:55.
Relinquished by: (Signature) [signature]	8/29/24	10:21	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature) [signature]	Date 8/29/24	Time 10:21

Company Info:		Send Report to:	
Company:	SCS Engineers	Company:	SCS Engineers
Street Address	3900 Kilroy Airport Way Suite 100	Street Address	3900 Kilroy Airport Way Suite 100
City/State/Zip:	Long Beach / CA / 90806	City/State/Zip:	Long Beach / CA / 90806
Telephone No.:	562-743-7895 /562-335-0002	Project Manager:	Cornelius Fong
Fax No.:		Email Address:	CFong@scsengineers.com

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 T1
Date Sampled: August 30, 2024
Date Received: August 30, 2024
Date Analyzed: August 30, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	22434-12
Sample I.D.:	Zeeco Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	182
Carbonyl sulfide	<0.80
Methyl mercaptan	141
Ethyl mercaptan	1.87
Dimethyl sulfide	328
Carbon disulfide	<0.80
i-Propyl mercaptan	1.50
t-Butyl mercaptan	<0.80
n-Propyl mercaptan	4.62
s-Butyl mercaptan	5.42
i-Butyl mercaptan	<0.80
Dimethyl disulfide	<0.80
Tetrahydrothiophene	2.45
Unidentified sulfurs	5.65

(Concentration in ppmv, as H_2S)

Total Sulfur	671.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 30, 2024
Date Received: August 30, 2024
Date Analyzed: August 30, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	Zeeco Inlet	181	182	182	0.55
Carbonyl sulfide	Zeeco Inlet	<0.80	<0.80	---	---
Methyl mercaptan	Zeeco Inlet	140	141	141	0.71
Ethyl mercaptan	Zeeco Inlet	1.82	1.92	1.87	5.3
Dimethyl sulfide	Zeeco Inlet	326	330	328	1.2
Carbon disulfide	Zeeco Inlet	<0.80	<0.80	---	---
i-Propyl mercaptan	Zeeco Inlet	1.47	1.52	1.50	3.3
t-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
n-Propyl mercaptan	Zeeco Inlet	4.57	4.67	4.62	2.2
s-Butyl mercaptan	Zeeco Inlet	5.41	5.42	5.42	0.18
i-Butyl mercaptan	Zeeco Inlet	<0.80	<0.80	---	---
Dimethyl disulfide	Zeeco Inlet	<0.80	<0.80	---	---
Tetrahydrothiophene	Zeeco Inlet	2.43	2.46	2.45	1.2
Unidentified sulfurs	Zeeco Inlet	5.70	5.61	5.65	1.7

One Tedlar bag sample, laboratory number 22434-12, 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 1.8%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 T1
Date Sampled: August 30, 2024
Date Received: August 30, 2024
Date Analyzed: August 30, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22434-13
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	12.4
Carbonyl sulfide	0.81
Methyl mercaptan	15.7
Ethyl mercaptan	<0.50
Dimethyl sulfide	267
Carbon disulfide	<0.50
i-Propyl mercaptan	0.82
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.59
s-Butyl mercaptan	3.65
i-Butyl mercaptan	<0.50
Dimethyl disulfide	15.3
Tetrahydrothiophene	1.77
Unidentified sulfurs	30.7
	(Concentration in ppmv, as H_2S)
Total Sulfur	366.4

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 30, 2024
Date Received: August 30, 2024
Date Analyzed: August 30, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	12.0	12.7	12.4	5.7
Carbonyl sulfide	FL-2009 Inlet	0.77	0.84	0.81	8.7
Methyl mercaptan	FL-2009 Inlet	15.3	16.0	15.7	4.5
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	263	270	267	2.6
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.78	0.85	0.82	8.6
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.55	3.62	3.59	2.0
s-Butyl mercaptan	FL-2009 Inlet	3.57	3.72	3.65	4.1
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	15.0	15.6	15.3	3.9
Tetrahydrothiophene	FL-2009 Inlet	1.74	1.79	1.77	2.8
Unidentified sulfurs	FL-2009 Inlet	30.4	30.9	30.7	1.6

One Tedlar bag sample, laboratory number 22434-13, 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 4.4%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 30, 2024
Date Analyzed: August 30, 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)*
22434-12	Zeeco FL Inlet	511
22434-13	FL 2009 Inlet	390

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon Landfill
Date Received: August 30, 2024
Date Analyzed: August 30, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	Zeeco FL Inlet	510	511	511	0.20

Two Tedlar bag samples, laboratory numbers 22434-(12 & 13), were 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 2 Tedlar bag samples is 0.20%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Permanent Gases Analysis in Tedlar Bag Sample

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 Task 1
Date Received: August 30, 2024
Date Analyzed: August 30, 2024

ANALYSIS DESCRIPTION

Permanent gases 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)
22434-12	Zeeco FL Inlet	9.23	34.75	21.19	33.94
22434-13	FL 2009 Inlet	5.18	27.45	27.94	38.03

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: August 30, 2024
Date Analyzed: August 30, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	Zeeco FL Inlet	9.22	9.23	9.23	0.11	<0.1
	FL 2009 Inlet	5.18	5.17	5.18	0.19	<0.1
Nitrogen	Zeeco FL Inlet	34.78	34.72	34.75	0.17	<0.1
	FL 2009 Inlet	27.46	27.44	27.45	0.07	<0.1
Methane	Zeeco FL Inlet	21.22	21.16	21.19	0.28	<0.1
	FL 2009 Inlet	27.98	27.90	27.94	0.29	<0.1
Carbon Dioxide	Zeeco FL Inlet	33.95	33.93	33.94	0.06	<0.1
	FL 2009 Inlet	38.03	38.03	38.03	0.00	<0.1

Two Tedlar bag samples, laboratory numbers 22434-(12 & 13), were 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 8 repeat measurements from 2 Tedlar bag samples is 0.15%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 T1	**Field Logbook No.**
Sampler: *(Signature)* Erik	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	1946 (CH4, CO2,02)	EPA alt 10 (CO)				Special Remarks
Zeeco FL inlet	LFG	22434-12	8-30-24	7:30 AM	X	X	X			180 ppm	Unfiltered Raw Gas
FL 2004 inlet	LFG	-13	8-30-24	7:40 AM	X	X	X			100 ppm	H2S Drager

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
Erik	8-30-24	8:14 AM	Rudy Cruz	8/30/24	8:56.
Rudy Cruz	8/30/24	9:55		Date	Time
Relinquished by: *(Signature)*	Date	Time	Received for Laboratory by: *(Signature)*	Date	Time
				8/30/24	9:55

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**

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07224200.24 T1
Date Sampled: August 31, 2024
Date Received: August 31, 2024
Date Analyzed: August 31, 2024

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22444-1
Sample I.D.: FL-2009 Inlet

Components	*(Concentration in ppmv)*
Hydrogen sulfide	16.3
Carbonyl sulfide	<0.50
Methyl mercaptan	20.9
Ethyl mercaptan	<0.50
Dimethyl sulfide	250
Carbon disulfide	<0.50
i-Propyl mercaptan	0.88
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.20
s-Butyl mercaptan	3.22
i-Butyl mercaptan	<0.50
Dimethyl disulfide	1.35
Tetrahydrothiophene	1.47
Unidentified sulfurs	40.5
	(Concentration in ppmv, as H_2S)
Total Sulfur	339.1

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon
Date Sampled: August 31, 2024
Date Received: August 31, 2024
Date Analyzed: August 31, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2009 Inlet	16.3	16.3	16.3	0.00
Carbonyl sulfide	FL-2009 Inlet	<0.50	<0.50	---	---
Methyl mercaptan	FL-2009 Inlet	21.0	20.8	20.9	0.96
Ethyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2009 Inlet	250	250	250	0.00
Carbon disulfide	FL-2009 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2009 Inlet	0.87	0.88	0.88	1.1
t-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2009 Inlet	3.20	3.19	3.20	0.31
s-Butyl mercaptan	FL-2009 Inlet	3.18	3.25	3.22	2.2
i-Butyl mercaptan	FL-2009 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2009 Inlet	1.33	1.36	1.35	2.2
Tetrahydrothiophene	FL-2009 Inlet	1.45	1.48	1.47	2.0
Unidentified sulfurs	FL-2009 Inlet	40.3	40.6	40.5	0.74

One Tedlar bag sample, laboratory number 22444-1, 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 1.1%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Permanent Gases Analysis in Tedlar Bag Sample

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 T1
Date Received: August 31, 2024
Date Analyzed: September 3, 2024

ANALYSIS DESCRIPTION

Permanent gases 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)
22444-1	FL-2009-Inlet	5.47	27.70	28.12	37.90

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: August 31, 2024
Date Analyzed: September 3, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD	MRL %,v
		(Concentration in %,v)				
Oxygen	FL-2009-Inlet	5.47	5.47	5.47	0.00	<0.1
Nitrogen	FL-2009-Inlet	27.68	27.71	27.70	0.11	<0.1
Methane	FL-2009-Inlet	28.12	28.11	28.12	0.04	<0.1
Carbon Dioxide	FL-2009-Inlet	37.89	37.90	37.90	0.03	<0.1

One Tedlar bag sample, laboratory number 22444-1, 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 4 repeat measurements from 1 Tedlar bag sample is 0.04%.

AtmAA Inc.
23917 Craftsman Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: September 9, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project Name: Chiquita Canyon
Project No.: 07224200.24 T1
Date Received: August 31, 2024
Date Analyzed: September 3, 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)*
22444-1	FL-2009-Inlet	420

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Location: Chiquita Canyon Landfill
Date Received: August 31, 2024
Date Analyzed: September 3, 2024

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	FL-2009-Inlet	420	419	420	0.24

One Tedlar bag sample, laboratory number 22444-1, 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 1 Tedlar bag sample is 0.24%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07224200.24 T1	**Field Logbook No.**
Sampler: (Signature) Jaime Cornejo	**Chain of Custody Tape No.**

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	1946 (CH4, CO2,02)	EPA alt 10 (CO)				Special Remarks
FL2009 Inlet	Landfill Gas	22444-1	8/31/24	7:20AM	X	X	X			14 ppm	Unfiltered Raw Gas
											H2S Drager

ANALYSES REQUESTED

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jaime Cornejo	8/31/24	9:13AM	LUIS FARFAN	8/31/24	9:13
Relinquished by: (Signature) LUIS FARFAN	8/31/24	10:00	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 8/31/24	**Time** 10:30

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

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
Calabasas, CA 91302
TEL: (818) 223-3277
FAX: (818) 223-8250

Attachment B

Calculations

Chiquita Canyon Landfill
Total Emissions
Monthly Report Period: August 2024

	Flare No. 1 John Zink (FL-150) (FL-1995)				Flare No. 2 John Zink (Zule) (FL-100) (FL-2009)				Flare No. 3 John Zink (Zule) (FL-2023)				Zeeco Thermal Oxidizer (TOx)				All Control Devices (Flare No. 1, Flare No. 2, Flare No. 3, Zeeco)			Lab Analysis Total Reduced Sulfur (TRS) as H2S (ppmv)
Date	Total LFG Combusted (scf/day)	Runtime (hr)	Flow Rate (scfm)	Flow Rate (scf/hr)	Total LFG Combusted (scf/day)	Runtime (hr)	Flow Rate (scfm)	Flow Rate (scf/hr)	Total LFG Combusted (scf/day)	Runtime (hr)	Flow Rate (scfm)	Flow Rate (scf/hr)	Total LFG Combusted (scf/day)	Runtime (hr)	Flow Rate (scfm)	Flow Rate (scf/hr)	Total LFG Combusted (scf/day)	Total Flow Rate (scfm)	Total Flow Rate (scf/hr)	
8/1/2024	3,217,029	24.00	2,234	134,043	4,615,180	24.00	3,205	192,299	7,356,550	24.00	5,109	306,523	2,069,351	22.08	1,437	86,223	17,258,110	11,985	719,088	405
8/2/2024	3,319,590	23.45	2,305	138,316	3,687,364	19.67	2,561	153,640	7,109,662	23.00	4,937	296,236	2,392,540	22.57	1,661	99,689	16,509,156	11,465	687,881	365
8/3/2024	3,286,664	24.00	2,282	136,944	4,566,276	24.00	3,171	190,262	7,584,197	24.00	5,267	316,008	2,574,603	24.02	1,788	107,275	18,011,740	12,508	750,489	377
8/4/2024	3,276,174	24.00	2,275	136,507	4,549,357	24.00	3,159	189,557	7,552,218	24.00	5,245	314,676	2,512,784	24.00	1,745	104,699	17,890,532	12,424	745,439	397
8/5/2024	3,306,577	24.00	2,296	137,774	4,299,762	22.72	2,986	179,157	7,557,467	24.00	5,248	314,894	2,469,868	24.00	1,715	102,911	17,633,673	12,246	734,736	387
8/6/2024	3,257,507	24.00	2,262	135,729	4,532,997	24.00	3,148	188,875	7,507,612	24.00	5,214	312,817	2,366,493	24.00	1,643	98,604	17,664,609	12,267	736,025	400
8/7/2024	3,183,775	23.72	2,211	132,657	4,543,789	24.00	3,155	189,325	7,634,054	24.00	5,301	318,086	2,378,829	24.00	1,652	99,118	17,740,447	12,320	739,185	402
8/8/2024	3,167,411	24.00	2,200	131,975	4,515,723	24.00	3,136	188,155	7,684,631	24.00	5,337	320,193	2,344,701	24.00	1,628	97,696	17,712,466	12,300	738,019	364
8/9/2024	3,163,371	24.00	2,197	131,807	4,503,814	24.00	3,128	187,659	7,694,011	24.00	5,343	320,584	2,273,338	24.00	1,579	94,722	17,634,534	12,246	734,772	368
8/10/2024	2,902,542	21.97	2,016	120,939	4,426,738	23.23	3,074	184,447	7,732,785	24.00	5,370	322,199	2,205,496	24.00	1,532	91,896	17,267,561	11,991	719,482	337
8/11/2024	3,106,518	24.00	2,157	129,438	4,489,183	24.00	3,117	187,049	7,690,260	24.00	5,340	320,427	2,190,542	24.00	1,521	91,273	17,476,502	12,136	728,188	290
8/12/2024	2,909,384	22.73	2,020	121,224	4,249,556	23.25	2,951	177,065	7,284,133	22.73	5,058	303,506	2,172,204	24.00	1,508	90,509	16,615,277	11,538	692,303	329
8/13/2024	3,048,177	24.00	2,117	127,007	4,314,058	24.00	2,996	179,752	7,698,887	24.00	5,346	320,787	2,136,580	24.00	1,484	89,024	17,197,702	11,943	716,571	299
8/14/2024	3,039,552	24.00	2,111	126,648	4,310,772	24.00	2,994	179,616	7,700,421	24.00	5,348	320,851	2,120,864	23.98	1,473	88,369	17,171,609	11,925	715,484	356
8/15/2024	2,949,179	23.35	2,048	122,882	4,403,124	23.17	3,058	183,463	7,469,659	23.68	5,187	311,236	2,109,727	24.00	1,465	87,905	16,931,688	11,758	705,487	338
8/16/2024	3,953,612	22.83	2,746	164,734	4,146,800	19.70	2,880	172,783	7,258,702	23.63	5,041	302,446	2,126,723	24.00	1,477	88,613	17,485,836	12,143	728,577	403
8/17/2024	4,253,738	23.50	2,954	177,239	4,623,819	21.98	3,211	192,659	6,856,635	22.87	4,762	285,693	2,000,538	22.47	1,389	83,356	17,734,730	12,316	738,947	336
8/18/2024	2,944,082	17.37	2,045	122,670	3,253,201	15.37	2,259	135,550	7,036,860	23.58	4,887	293,203	2,138,720	24.00	1,485	89,113	15,372,862	10,676	640,536	380
8/19/2024	3,681,843	23.40	2,557	153,410	4,696,209	23.28	3,261	195,675	7,172,023	23.85	4,981	298,834	2,029,783	23.17	1,410	84,574	17,579,857	12,208	732,494	345
8/20/2024	4,074,696	24.00	2,830	169,779	4,861,791	24.00	3,376	202,575	7,284,297	24.00	5,059	303,512	2,050,465	24.00	1,424	85,436	18,271,249	12,688	761,302	377
8/21/2024	4,246,800	24.00	2,949	176,950	5,146,799	24.00	3,574	214,450	7,587,773	24.00	5,269	316,157	2,013,113	24.00	1,398	83,880	18,994,484	13,191	791,437	375
8/22/2024	4,217,326	24.00	2,929	175,722	5,182,889	24.00	3,599	215,954	7,665,318	24.00	5,323	319,388	1,992,470	24.00	1,384	83,020	19,058,002	13,235	794,083	371
8/23/2024	4,209,878	24.00	2,924	175,412	5,219,924	24.00	3,625	217,497	7,749,014	24.00	5,381	322,876	1,982,266	24.00	1,377	82,594	19,161,082	13,306	798,378	353
8/24/2024	4,134,896	23.70	2,871	172,287	5,227,279	24.00	3,630	217,803	7,485,169	23.37	5,198	311,882	1,982,334	23.98	1,377	82,597	18,829,678	13,076	784,570	351
8/25/2024	3,986,185	22.82	2,768	166,091	4,954,158	23.00	3,440	206,423	7,565,036	23.83	5,253	315,210	1,984,789	24.00	1,378	82,700	18,490,167	12,840	770,424	384
8/26/2024	4,395,281	23.98	3,052	183,137	5,270,100	23.78	3,660	219,588	7,774,847	24.00	5,399	323,952	1,834,059	22.32	1,274	76,419	19,274,287	13,385	803,095	362
8/27/2024	4,422,773	24.00	3,071	184,282	5,323,601	23.95	3,697	221,817	7,775,856	24.00	5,400	323,994	1,961,394	24.00	1,362	81,725	19,483,623	13,530	811,818	412
8/28/2024	4,388,275	24.00	3,047	182,845	5,348,004	24.00	3,714	222,833	7,777,049	24.00	5,401	324,044	1,936,003	23.98	418	80,667	19,449,331	13,506	810,389	383
8/29/2024	4,351,780	24.00	3,022	181,324	5,310,895	24.00	3,688	221,287	7,776,890	24.00	5,401	324,037	1,933,321	24.00	1,440	80,555	19,372,886	13,453	807,204	358
8/30/2024	4,314,246	24.00	2,996	179,760	5,236,385	24.00	3,636	218,183	7,767,613	24.00	5,394	323,651	1,964,965	23.98	1,441	81,874	19,283,208	13,391	803,467	366
8/31/2024	3,331,665	19.02	2,314	138,819	4,272,351	20.52	2,967	178,015	6,151,620	19.95	4,272	256,318	604,017	7.12	1,442	25,167	14,359,653	9,972	598,319	339

*Flare Flow and Runtime from chart recorder data. Ameresco's variance was approved on February 15, 2023 and Ameresco began operations on February 16, 2023.

*Date of lab data based on date sampled.

Chiquita Canyon Landfill
LFG Not Combusted
Monthly Report Period: August 2024

Date	Flare 1, 2, 3, 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)
8/1/2024	17,258,110	--	--	0	--
8/2/2024	16,509,156	--	--	0	--
8/3/2024	18,011,740	--	--	0	--
8/4/2024	17,890,532	--	--	0	--
8/5/2024	17,633,673	--	--	0	--
8/6/2024	17,664,609	--	--	0	--
8/7/2024	17,740,447	--	--	0	--
8/8/2024	17,712,466	--	--	0	--
8/9/2024	17,634,534	--	--	0	--
8/10/2024	17,267,561	--	--	0	--
8/11/2024	17,476,502	--	--	0	--
8/12/2024	16,615,277	--	--	0	--
8/13/2024	17,197,702	--	--	0	--
8/14/2024	17,171,609	--	--	0	--
8/15/2024	16,931,688	--	--	0	--
8/16/2024	17,485,836	--	--	0	--
8/17/2024	17,734,730	--	--	0	--
8/18/2024	15,372,862	15,380,725	7,863	0	5
8/19/2024	17,579,857	--	--	0	--
8/20/2024	18,271,249	--	--	0	--
8/21/2024	18,994,484	--	--	0	--
8/22/2024	19,058,002	--	--	0	--
8/23/2024	19,161,082	--	--	0	--
8/24/2024	18,829,678	--	--	0	--
8/25/2024	18,490,167	--	--	0	--
8/26/2024	19,274,287	--	--	0	--
8/27/2024	19,483,623	--	--	0	--
8/28/2024	19,449,331	--	--	0	--
8/29/2024	19,372,886	--	--	0	--
8/30/2024	19,283,208	--	--	0	--
8/31/2024	14,359,653	15,380,725	1,021,072	0	709
Total/Average					**357**

[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	8,279	12,800	
2023	5,373,366,012	14,721,551	10,223	13,400	4.69%
2024	5,613,964,490	**15,380,725**	10,681	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	Well Activation and Flow Increase	8/16/24	20.71	NA	NA	NA							
157	8/7/24	40	Well Activation and Flow Increase	8/16/24	7.62	NA	NA	NA							
174	8/7/24	38	Well Activation and Flow Increase	8/16/24	11.15	NA	NA	NA							
166	8/7/24	29	Trackwalk	8/16/24	22.32	NA	NA	NA							
90	8/7/24	28	Trackwalk	8/16/24	10.22	NA	NA	NA							
179	8/7/24	80	Well Activation and Flow Increase	8/16/24	12.69	NA	NA	NA							
178	8/7/24	25	Well Activation and Flow Increase	8/16/24	33.44	NA	NA	NA							
164	8/7/24	36	Trackwalk	8/16/24	13.31	NA	NA	NA							
163	8/7/24	38	Trackwalk	8/16/24	11.51	NA	NA	NA							
76	8/7/24	38	Trackwalk	8/16/24	21.05	NA	NA	NA							
151	8/7/24	40	Well Activation and Flow Increase	8/16/24	9.09	NA	NA	NA							
50	8/8/24	28	Trackwalk	8/16/24	20.82	NA	NA	NA							
85	8/8/24	35	Trackwalk	8/16/24	20.04	NA	NA	NA							

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
84	8/8/24	57	Trackwalk	8/16/24	19.64	NA	NA	NA							
91	8/8/24	25	Trackwalk	8/16/24	23.50	NA	NA	NA							
92	8/8/24	66	Trackwalk	8/16/24	18.80	NA	NA	NA							
182	8/20/24	26.81	Flow Increase	8/29/24	22.09	NA	NA	NA							
183	8/20/24	37.09	Flow Increase	8/29/24	20.01	NA	NA	NA							
178	8/20/24	32.20	Flow Increase	8/29/24	20.09	NA	NA	NA							
179	8/20/24	28.79	Flow Increase	8/29/24	22.33	NA	NA	NA							
180	8/20/24	38.48	Flow Increase	8/29/24	20.09	NA	NA	NA							
176	8/20/24	39.72	Flow Increase	8/29/24	25.00	Flow Increase	9/6/2024	22.64							
187	8/20/24	31.32	Flow Increase	8/29/24	20.09	NA	NA	NA							
190	8/20/24	95.01	Flow Increase	8/29/24	23.07	NA	NA	NA							
58	8/20/24	26.50	Trackwalk	8/29/24	20.03	NA	NA	NA							
215	8/21/24	26.23	Trackwalk	8/29/24	22.09	NA	NA	NA							
226	8/21/24	76.14	Trackwalk	8/29/24	15.08	NA	NA	NA							
104	8/21/24	34.32	Trackwalk	8/29/24	20.00	NA	NA	NA							
116	8/21/24	32.14	Trackwalk	8/29/24	17.14	NA	NA	NA							
237	8/21/24	33.53	Trackwalk	8/29/24	25.00	Trackwalk	9/6/2024	13.16							
252	8/21/24	31.53	Trackwalk	8/29/24	20.19	NA	NA	NA							
103	8/21/24	68.23	Trackwalk	8/29/24	23.14	NA	NA	NA							
101	8/21/24	73.69	Trackwalk	8/29/24	20.09	NA	NA	NA							
100	8/21/24	58.71	Trackwalk	8/29/24	30.07	Trackwalk	9/6/2024	11.24							
110	8/21/24	48.15	Trackwalk	8/29/24	21.00	NA	NA	NA							
214	8/28/24	101	Trackwalk	9/6/24	11.97	NA	NA	NA							
183	8/28/24	135	Flow Increase	9/6/24	21.50	NA	NA	NA							
151	8/28/24	25	Flow Increase	9/6/24	25.65	Flow Increase	9/13/2024	11.96							
146	8/28/24	30	Trackwalk	9/6/24	21.70	NA	NA	NA							
173	8/28/24	29	Flow Increase	9/6/24	19.64	NA	NA	NA							
186	8/28/24	26	Flow Increase	9/6/24	22.65	NA	NA	NA							
181	8/28/24	32	Flow Increase	9/6/24	23.91	NA	NA	NA							
172	8/28/24	25	Flow Increase	9/6/24	15.92	NA	NA	NA							
81	8/28/24	32	Trackwalk	9/6/24	22.23	NA	NA	NA							
80	8/28/24	28	Trackwalk	9/6/24	23.46	NA	NA	NA							
192	9/3/24	85.40	Trackwalk	9/13/24	22.05	NA	NA	NA							
193	9/3/24	62.30	Trackwalk	9/13/24	8.42	NA	NA	NA							
158	9/3/24	27.58	Trackwalk	9/13/24	10.01	NA	NA	NA							
59	9/3/24	29.98	Trackwalk	9/13/24	15.67	NA	NA	NA							
145	9/3/24	50.20	Trackwalk	9/13/24	15.57	NA	NA	NA							
79	9/3/24	60.70	Trackwalk	9/13/24	15.46	NA	NA	NA							
32	9/3/24	42.20	Trackwalk	9/13/24	11.41	NA	NA	NA							
172	9/3/24	40.13	Trackwalk	9/13/24	22.56	NA	NA	NA							
75	9/3/24	78.18	Trackwalk	9/13/24	17.29	NA	NA	NA							
55	9/3/24	53.03	Trackwalk	9/13/24	17.01	NA	NA	NA							
74	9/3/24	58.44	Trackwalk	9/13/24	14.01	NA	NA	NA							
162	9/3/24	27.80	Trackwalk	9/13/24	13.01	NA	NA	NA							
189	9/3/24	40.00	Trackwalk	9/13/24	11.49	NA	NA	NA							
180	9/3/24	26.50	Trackwalk	9/13/24	11.75	NA	NA	NA							
178	9/3/24	28.60	Trackwalk	9/13/24	18.46	NA	NA	NA							
33	9/3/24	28.00	Trackwalk	9/13/24	10.60	NA	NA	NA							
84	9/3/24	35.30	Trackwalk	9/13/24	12.86	NA	NA	NA							
34	9/3/24	26.60	Trackwalk	9/13/24	14.67	NA	NA	NA							
151	9/3/24	26.00	Trackwalk	9/13/24	11.96	NA	NA	NA							
61	9/4/24	30.40	Trackwalk	9/13/24	8.17	NA	NA	NA							
220	9/4/24	40.30	Trackwalk	9/13/24	23.96	NA	NA	NA							
226	9/4/24	57.12	Trackwalk	9/13/24	14.46	NA	NA	NA							
223	9/4/24	45.30	Trackwalk	9/13/24	11.92	NA	NA	NA							
224	9/4/24	58.25	Trackwalk	9/13/24	10.37	NA	NA	NA							
225	9/4/24	43.50	Trackwalk	9/13/24	13.01	NA	NA	NA							
101	9/4/24	41.10	Trackwalk	9/13/24	21.69	NA	NA	NA							
102	9/4/24	50.25	Trackwalk	9/13/24	18.60	NA	NA	NA							
215	9/4/24	45.60	Trackwalk	9/13/24	16.25	NA	NA	NA							
51	9/4/24	68.28	Trackwalk	9/13/24	4.77	NA	NA	NA							
50	9/4/24	47.90	Trackwalk	9/13/24	10.79	NA	NA	NA							
49	9/4/24	48.07	Trackwalk	9/13/24	8.26	NA	NA	NA							
91	9/4/24	62.70	Trackwalk	9/13/24	11.80	NA	NA	NA							
249	9/5/24	31.85	Trackwalk	9/13/24	11.29	NA	NA	NA							
247	9/5/24	39.21	Trackwalk	9/13/24	22.67	NA	NA	NA							
246	9/5/24	37.16	Trackwalk	9/13/24	24.34	NA	NA	NA							
233	9/5/24	44.26	Trackwalk	9/13/24	18.94	NA	NA	NA							
232	9/5/24	50.52	Trackwalk	9/13/24	19.51	NA	NA	NA							
231	9/5/24	30.13	Trackwalk	9/13/24	14.16	NA	NA	NA							
230	9/5/24	27.09	Trackwalk	9/13/24	12.34	NA	NA	NA							
229	9/5/24	28.89	Trackwalk	9/13/24	10.34	NA	NA	NA							
228	9/5/24	30.92	Trackwalk	9/13/24	7.16	NA	NA	NA							
130	9/5/24	30.42	Trackwalk	9/13/24	12.27	NA	NA	NA							
235	9/5/24	33.67	Trackwalk	9/13/24	13.43	NA	NA	NA							
253	9/5/24	68.10	Trackwalk	9/13/24	10.79	NA	NA	NA							
87	9/5/24	30.14	Trackwalk	9/13/24	14.14	NA	NA	NA							
23	9/5/24	40.20	Trackwalk	9/13/24	13.50	NA	NA	NA							
152	9/17/24	48.30	Trackwalk												
157	9/17/24	37.90	Trackwalk												
159	9/17/24	51.30	Trackwalk												

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
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				
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				

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
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				
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				

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
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				
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				

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
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				
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				

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
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				
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				

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
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				
Y6/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				
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	61.5				
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				
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	64.1				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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				
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	24.5				
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				
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				
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				
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				
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				
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				
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				
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	46				
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				
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				

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
186/Y71	7/16/24	500	Well Activation and Flow Increase	7/25/24	10.93	NA	NA	NA	Well Activation and Flow Increase	8/15/24	72				
193/Y72	7/16/24	1,000	Moisture Condition, Soil/Dirt Compaction	7/25/24	113.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	93				
66/Y1	7/16/24	1,199	Moisture Condition, Soil/Dirt Compaction	7/25/24	10.49	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	87				
53/Y2	7/16/24	5,614	Moisture Condition, Soil/Dirt Compaction	7/25/24	11.63	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	473				
53/Y3	7/16/24	4,696	Moisture Condition, Soil/Dirt Compaction	7/25/24	334.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	399				
53/Y4	7/16/24	6,647	Moisture Condition, Soil/Dirt Compaction	7/25/24	80.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	487				
81/Y5	7/16/24	7,179	Moisture Condition, Soil/Dirt Compaction	7/25/24	61.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	384				
32/Y6	7/16/24	3,755	Moisture Condition, Soil/Dirt Compaction	7/25/24	429.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	302				
83/Y7	7/16/24	1,022	Moisture Condition, Soil/Dirt Compaction	7/25/24	376.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	111				
177/Y41	7/16/24	531	Well Activation and Flow Increase	7/25/24	35.40	NA	NA	NA	Well Activation and Flow Increase	8/15/24	299				
157/Y31	7/16/24	500	Well Activation and Flow Increase	7/25/24	22.57	NA	NA	NA	Well Activation and Flow Increase	8/15/24	69				
158/Y32	7/16/24	2,723	Well Activation and Flow Increase	7/25/24	489.00	NA	NA	NA	Well Activation and Flow Increase	8/15/24	170				
159/Y33	7/16/24	1,500	Moisture Condition, Soil/Dirt Compaction	7/25/24	63.51	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	32				
159/Y34	7/16/24	600	Moisture Condition, Soil/Dirt Compaction	7/25/24	53.39	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	55				
159/Y35	7/16/24	4,272	Moisture Condition, Soil/Dirt Compaction	7/25/24	36.49	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	442				
165/Y36	7/16/24	500	Moisture Condition, Soil/Dirt Compaction	7/25/24	315.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	162				
165/Y37	7/16/24	500	Moisture Condition, Soil/Dirt Compaction	7/25/24	27.96	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	192				
159/Y38	7/16/24	8,821	Moisture Condition, Soil/Dirt Compaction	7/25/24	377.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/15/24	409				
43/Y11	7/30/24	1,640	Moisture Condition, Soil/Dirt Compaction	8/9/24	25.22	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	337				
43/Y12	7/30/24	840	Moisture Condition, Soil/Dirt Compaction	8/9/24	35.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	290				
42/Y13	7/30/24	790	Moisture Condition, Soil/Dirt Compaction	8/9/24	60.28	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	260				
47/Y1	7/30/24	1,041	Moisture Condition, Soil/Dirt Compaction	8/9/24	45.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	19				
46/Y2	7/30/24	967	Moisture Condition, Soil/Dirt Compaction	8/9/24	15.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	275				
45/Y3	7/30/24	3,297	Moisture Condition, Soil/Dirt Compaction	8/9/24	27.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	263				
98/Y31	7/30/24	1,000	Moisture Condition, Soil/Dirt Compaction	8/9/24	235.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	367				
101/Y32	7/30/24	900	Moisture Condition, Soil/Dirt Compaction	8/9/24	72.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	287				
103/Y33	7/30/24	600	Moisture Condition, Soil/Dirt Compaction	8/9/24	101.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	320				
100/Y21	7/30/24	2,000	Moisture Condition, Soil/Dirt Compaction	8/9/24	220.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	190				
95/Y41	7/30/24	3,512	Moisture Condition, Soil/Dirt Compaction	8/9/24	425.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	201				
95/Y42	7/30/24	4,735	Moisture Condition, Soil/Dirt Compaction	8/9/24	57.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	270				
104/Y43	7/30/24	2,486	Moisture Condition, Soil/Dirt Compaction	8/9/24	187.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	260				
236/Y44	7/30/24	1,432	Moisture Condition, Soil/Dirt Compaction	8/9/24	220.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	390				
236/Y45	7/30/24	6,342	Moisture Condition, Soil/Dirt Compaction	8/9/24	156.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	382				
104/Y46	7/30/24	500	Moisture Condition, Soil/Dirt Compaction	8/9/24	155.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	340				
104/Y47	7/30/24	4,723	Moisture Condition, Soil/Dirt Compaction	8/9/24	175.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	300				
104/Y48	7/30/24	852	Moisture Condition, Soil/Dirt Compaction	8/9/24	156.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	297				
170/Y111	7/31/24	600	Well Activation and Flow Increase	8/9/24	96	NA	NA	NA	Well Activation and Flow Increase	8/29/24	83				
170/Y112	7/31/24	700	Well Activation and Flow Increase	8/9/24	105	NA	NA	NA	Well Activation and Flow Increase	8/29/24	36				
173/Y113	7/31/24	1,000	Well Activation and Flow Increase	8/9/24	210	NA	NA	NA	Well Activation and Flow Increase	8/29/24	5				
151/Y81	7/31/24	2,100	Well Activation and Flow Increase	8/9/24	175	NA	NA	NA	Well Activation and Flow Increase	8/29/24	167				
154/Y82	7/31/24	1,253	Moisture Condition, Soil/Dirt Compaction	8/9/24	36	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	353				
159/Y91	7/31/24	9,263	Moisture Condition, Soil/Dirt Compaction	8/9/24	53	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	146				
159/Y92	7/31/24	1,232	Moisture Condition, Soil/Dirt Compaction	8/9/24	210	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	234				
159/Y93	7/31/24	800	Moisture Condition, Soil/Dirt Compaction	8/9/24	172		NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	550				
159/Y94	7/31/24	1,432	Moisture Condition, Soil/Dirt Compaction	8/9/24	219	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	15				
158/Y95	7/31/24	1,423	Well Activation and Flow Increase	8/9/24	220	NA	NA	NA	Well Activation and Flow Increase	8/29/24	270				
158/Y96	7/31/24	2,312	Well Activation and Flow Increase	8/9/24	301	NA	NA	NA	Well Activation and Flow Increase	8/29/24	197				
157/Y97	7/31/24	1,532	Well Activation and Flow Increase	8/9/24	221	NA	NA	NA	Well Activation and Flow Increase	8/29/24	620				
157/Y98	7/31/24	2,533	Well Activation and Flow Increase	8/9/24	175	NA	NA	NA	Well Activation and Flow Increase	8/29/24	450				
156/Y99	7/31/24	600	Well Activation and Flow Increase	8/9/24	380	NA	NA	NA	Well Activation and Flow Increase	8/29/24	320				
178/Y100	7/31/24	500	Well Activation and Flow Increase	8/9/24	410	NA	NA	NA	Well Activation and Flow Increase	8/29/24	410				
181/Y121	7/31/24	4,000	Well Activation and Flow Increase	8/9/24	19	NA	NA	NA	Well Activation and Flow Increase	8/29/24	460				
181/Y122	7/31/24	4,000	Well Activation and Flow Increase	8/9/24	122	NA	NA	NA	Well Activation and Flow Increase	8/29/24	420				
181/Y123	7/31/24	4,000	Well Activation and Flow Increase	8/9/24	135	NA	NA	NA	Well Activation and Flow Increase	8/29/24	480				
175/Y124	7/31/24	4,000	Well Activation and Flow Increase	8/9/24	410	NA	NA	NA	Well Activation and Flow Increase	8/29/24	388				
202/Y131	7/31/24	2,342	Well Activation and Flow Increase	8/9/24	317	NA	NA	NA	Well Activation and Flow Increase	8/29/24	58				
202/Y132	7/31/24	1,093	Well Activation and Flow Increase	8/9/24	135	NA	NA	NA	Well Activation and Flow Increase	8/29/24	390				
207/Y133	7/31/24	1,564	Well Activation and Flow Increase	8/9/24	201	NA	NA	NA	Well Activation and Flow Increase	8/29/24	849				
207/Y134	7/31/24	1,564	Well Activation and Flow Increase	8/9/24	209	NA	NA	NA	Well Activation and Flow Increase	8/29/24	105				
66/Y61	7/31/24	837	Moisture Condition, Soil/Dirt Compaction	8/9/24	175	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	210				
53/Y62	7/31/24	2,318	Moisture Condition, Soil/Dirt Compaction	8/9/24	46	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	360				
53/Y63	7/31/24	1,903	Moisture Condition, Soil/Dirt Compaction	8/9/24	16	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	325				
53/Y64	7/31/24	6,079	Moisture Condition, Soil/Dirt Compaction	8/9/24	43	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	411				
53/Y65	7/31/24	1,070	Moisture Condition, Soil/Dirt Compaction	8/9/24	105	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	386				
81/Y66	7/31/24	748	Moisture Condition, Soil/Dirt Compaction	8/9/24	220	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	410				
81/Y67	7/31/24	4,110	Moisture Condition, Soil/Dirt Compaction	8/9/24	89	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	385				
82/Y68	7/31/24	2,994	Moisture Condition, Soil/Dirt Compaction	8/9/24	89	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	275				
82/Y64	7/31/24	3,340	Moisture Condition, Soil/Dirt Compaction	8/9/24	38	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/24	420				
81/Y22	8/8/24	4,000	Moisture Condition, Soil/Dirt Compaction	8/16/24	35.64	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	277.00				
59/Y23	8/8/24	4,000	Moisture Condition, Soil/Dirt Compaction	8/16/24	201.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	234.00				
59/Y24	8/8/24	5,000	Moisture Condition, Soil/Dirt Compaction	8/16/24	215.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	97.50				
82/Y25	8/8/24	17,000	Moisture Condition, Soil/Dirt Compaction	8/16/24	435.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	5.30				
32/Y26	8/8/24	500	Moisture Condition, Soil/Dirt Compaction	8/16/24	107.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	14.95				
155/Y27	8/8/24	600	Moisture Condition, Soil/Dirt Compaction	8/16/24	87.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	15.25				
150/Y42	8/8/24	728	Well Activation and Flow Increase	8/16/24	15.25	NA	NA	NA	Well Activation and Flow Increase	9/6/24	21.30				

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
78/Y43	8/8/24	1,023	Moisture Condition, Soil/Dirt Compaction	8/16/24	375.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	15.47				
185/Y52	8/8/24	1,500	Well Activation and Flow Increase	8/16/24	254.00	NA	NA	NA	Well Activation and Flow Increase	9/6/24	21.30				
181/Y53	8/8/24	2,000	Well Activation and Flow Increase	8/16/24	126.00	NA	NA	NA	Well Activation and Flow Increase	9/6/24	31.20				
170/Y11	8/8/24	715	Well Activation and Flow Increase	8/16/24	220.00	NA	NA	NA	Well Activation and Flow Increase	9/6/24	25.30				
167/Y12	8/8/24	661	Moisture Condition, Soil/Dirt Compaction	8/16/24	135.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	18.25				
166/Y13	8/8/24	535	Moisture Condition, Soil/Dirt Compaction	8/16/24	97.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	20.17				
159/Y14	8/8/24	835	Moisture Condition, Soil/Dirt Compaction	8/16/24	81.30	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	82.35				
149/Y15	8/8/24	631	Moisture Condition, Soil/Dirt Compaction	8/16/24	14.85	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	58.02				
165/Y72	8/8/24	750	Moisture Condition, Soil/Dirt Compaction	8/16/24	78.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	98.70				
210/Y73	8/8/24	1,700	Moisture Condition, Soil/Dirt Compaction	8/16/24	306.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	320.00				
211/Y73	8/8/24	3,500	Moisture Condition, Soil/Dirt Compaction	8/16/24	24.17	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	175.00				
214/Y75	8/8/24	2,000	Moisture Condition, Soil/Dirt Compaction	8/16/24	37.55	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	263.00				
214/Y76	8/8/24	10,000	Moisture Condition, Soil/Dirt Compaction	8/16/24	39.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	17.50				
152/Y1	8/8/24	800	Flow Increase	8/16/24	55.13	NA	NA	NA	Flow Increase	9/6/24	128.00				
188/Y62	8/8/24	500	Flow Increase	8/16/24	23.50	NA	NA	NA	Flow Increase	9/6/24	16.78				
189/Y63	8/8/24	523	Moisture Condition, Soil/Dirt Compaction	8/16/24	154.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	25.30				
191/Y64	8/8/24	500	Moisture Condition, Soil/Dirt Compaction	8/16/24	435.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	41.60				
193/Y65	8/8/24	500	Moisture Condition, Soil/Dirt Compaction	8/16/24	19.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/6/24	8.65				
173/Y32	8/8/24	520	Flow Increase	8/16/24	17.21	NA	NA	NA	Flow Increase	9/6/24	115.00				
174/Y33	8/8/24	1,600	Flow Increase	8/16/24	47.90	NA	NA	NA	Flow Increase	9/6/24	221.00				
172/Y34	8/8/24	602	Flow Increase	8/16/24	410.00	NA	NA	NA	Flow Increase	9/6/24	150.00				
157/Y35	8/8/24	723	Flow Increase	8/16/24	65.33	NA	NA	NA	Flow Increase	9/6/24	143.00				
166/Y132	8/13/24	700	Moisture Condition, Soil/Dirt Compaction	8/22/24	320	Moisture Condition, Soil/Dirt Compaction	8/29/2024	175	Moisture Condition, Soil/Dirt Compaction	9/13/24	35.91				
166/Y133	8/13/24	800	Moisture Condition, Soil/Dirt Compaction	8/22/24	298.5	Moisture Condition, Soil/Dirt Compaction	8/29/2024	280	Moisture Condition, Soil/Dirt Compaction	9/13/24	34.90				
167/Y134	8/13/24	650	Moisture Condition, Soil/Dirt Compaction	8/22/24	85.6	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	30.79				
159/Y135	8/13/24	790	Moisture Condition, Soil/Dirt Compaction	8/22/24	71.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	29.80				
159/Y136	8/13/24	900	Moisture Condition, Soil/Dirt Compaction	8/22/24	83.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	32.60				
158/Y137	8/13/24	500	Well Activation and Flow Increase	8/22/24	81.3	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	46.25				
149/Y138	8/13/24	510	Moisture Condition, Soil/Dirt Compaction	8/22/24	121	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	52.80				
149/Y139	8/13/24	500	Moisture Condition, Soil/Dirt Compaction	8/22/24	89.34	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	137.00				
36/Y140	8/13/24	1,200	Moisture Condition, Soil/Dirt Compaction	8/22/24	93.84	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	34.50				
40/Y141	8/13/24	925	Moisture Condition, Soil/Dirt Compaction	8/22/24	353	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	30.71				
40/Y142	8/13/24	625	Moisture Condition, Soil/Dirt Compaction	8/22/24	65.7	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	70.09				
182/Y22	8/13/24	8,523	Well Activation and Flow Increase	8/22/24	3,500	Well Activation and Flow Increase	8/29/2024	380	Moisture Condition, Soil/Dirt Compaction	9/13/24	68.07				
185/Y23	8/13/24	500	Flow Increase	8/22/24	203	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	70.03				
185/Y24	8/13/24	6,330	Flow Increase	8/22/24	401	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	68.09				
185/Y25	8/13/24	8,652	Flow Increase	8/22/24	2,500	Flow Increase	8/29/2024	280	Moisture Condition, Soil/Dirt Compaction	9/13/24	70.69				
150/Y26	8/13/24	813	Flow Increase	8/22/24	105	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	66.70				
150/Y27	8/13/24	2,340	Flow Increase	8/22/24	2,000	Flow Increase	8/29/2024	320	Moisture Condition, Soil/Dirt Compaction	9/13/24	40.23				
150/Y28	8/13/24	500	Flow Increase	8/22/24	210	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	225.00				
145/Y29	8/13/24	500	Flow Increase	8/22/24	95.4	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	38.00				
77/Y30	8/13/24	500	Flow Increase	8/22/24	17.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	33.50				
170/Y112	8/13/24	1,398	Flow Increase	8/22/24	83.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	32.07				
171/Y113	8/13/24	5,049	Flow Increase	8/22/24	155	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	43.50				
171/Y114	8/13/24	7,979	Flow Increase	8/22/24	407	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	50.49				
158/Y115	8/13/24	6,170	Flow Increase	8/22/24	317	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	27.60				
158/Y116	8/13/24	1,228	Flow Increase	8/22/24	78.9	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	31.50				
53/Y117	8/13/24	7,355	Moisture Condition, Soil/Dirt Compaction	8/22/24	2,200	Moisture Condition, Soil/Dirt Compaction	8/29/2024	320	Moisture Condition, Soil/Dirt Compaction	9/13/24	51.09				
53/Y118	8/13/24	5,323	Moisture Condition, Soil/Dirt Compaction	8/22/24	98.3	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	78.77				
33/Y119	8/13/24	5,440	Moisture Condition, Soil/Dirt Compaction	8/22/24	1,075	Moisture Condition, Soil/Dirt Compaction	8/29/2024	275	Moisture Condition, Soil/Dirt Compaction	9/13/24	75.80				
33/Y120	8/13/24	6,279	Moisture Condition, Soil/Dirt Compaction	8/22/24	425	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	132.00				
37/Y121	8/13/24	2,171	Moisture Condition, Soil/Dirt Compaction	8/22/24	369	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	85.72				
37/Y122	8/13/24	5,178	Moisture Condition, Soil/Dirt Compaction	8/22/24	175	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	40.02				
42/Y123	8/13/24	3,811	Moisture Condition, Soil/Dirt Compaction	8/22/24	230	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	70.66				
47/Y124	8/13/24	2,495	Moisture Condition, Soil/Dirt Compaction	8/22/24	49.51	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	68.90				
47/Y125	8/13/24	1,090	Moisture Condition, Soil/Dirt Compaction	8/22/24	301	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	89.61				
52/Y126	8/13/24	2,093	Moisture Condition, Soil/Dirt Compaction	8/22/24	203	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	85.20				
189/Y01	8/13/24	501	Moisture Condition, Soil/Dirt Compaction	8/22/24	75.31	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	22.90				
191/Y02	8/13/24	1,400	Moisture Condition, Soil/Dirt Compaction	8/22/24	79.61	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	210.00				
193/Y03	8/13/24	2,900	Moisture Condition, Soil/Dirt Compaction	8/22/24	1,835	Moisture Condition, Soil/Dirt Compaction	8/29/2024	195	Moisture Condition, Soil/Dirt Compaction	9/13/24	40.90				
193/Y04	8/13/24	560	Moisture Condition, Soil/Dirt Compaction	8/22/24	325	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	90.90				
186/Y05	8/13/24	730	Flow Increase	8/22/24	155	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	37.40				
186/Y06	8/13/24	650	Flow Increase	8/22/24	99.55	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	40.09				
165/Y152	8/13/24	3,500	Moisture Condition, Soil/Dirt Compaction	8/22/24	2,500	Moisture Condition, Soil/Dirt Compaction	8/29/2024	222	Moisture Condition, Soil/Dirt Compaction	9/13/24	35.07				
165/Y153	8/13/24	1,800	Moisture Condition, Soil/Dirt Compaction	8/22/24	925	Moisture Condition, Soil/Dirt Compaction	8/29/2024	342	Moisture Condition, Soil/Dirt Compaction	9/13/24	33.25				
164/Y154	8/13/24	555	Moisture Condition, Soil/Dirt Compaction	8/22/24	78.6	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	56.70				
80/Y52	8/13/24	700	Moisture Condition, Soil/Dirt Compaction	8/22/24	123	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	103.00				
79/Y53	8/13/24	790	Moisture Condition, Soil/Dirt Compaction	8/22/24	61.9	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	79.80				
73/Y54	8/13/24	1,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	98.6	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	129.00				
79/Y55	8/13/24	800	Moisture Condition, Soil/Dirt Compaction	8/22/24	161	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	78.60				
75/Y56	8/13/24	1,000	Flow Increase	8/22/24	325	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	220.00				
51/Y57	8/13/24	598	Moisture Condition, Soil/Dirt Compaction	8/22/24	103	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	110.00				
57/Y58	8/13/24	2,500	Moisture Condition, Soil/Dirt Compaction	8/22/24	1,750	Moisture Condition, Soil/Dirt Compaction	8/29/2024	420	Moisture Condition, Soil/Dirt Compaction	9/13/24	210.00				
174/Y92	8/13/24	700	Flow Increase	8/22/24	91.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	88.60				
172/Y93	8/13/24	800	Flow Increase	8/22/24	65.7	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	91.20				
172/Y94	8/13/24	900	Flow Increase	8/22/24	75.8	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	75.80				
178/Y72	8/13/24	3,000	Flow Increase	8/22/24	310	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	65.90				
151/Y73	8/13/24	2,000	Flow Increase	8/22/24	184	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	192.00				

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
175/Y74	8/13/24	4,000	Flow Increase	8/22/24	2,150	Flow Increase	8/29/2024	380	Moisture Condition, Soil/Dirt Compaction	9/13/24	220.00				
177/Y75	8/13/24	4,000	Flow Increase	8/22/24	275	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	105.00				
60/Y76	8/13/24	4,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	475	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	31.20				
60/Y77	8/13/24	4,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	305	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	170.00				
63/Y78	8/13/24	5,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	3,000	Moisture Condition, Soil/Dirt Compaction	8/29/2024	200	Moisture Condition, Soil/Dirt Compaction	9/13/24	45.30				
65/Y79	8/13/24	5,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	2,000	Moisture Condition, Soil/Dirt Compaction	8/29/2024	198	Moisture Condition, Soil/Dirt Compaction	9/13/24	65.32				
238/Y22	8/14/24	5,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	1,500	Moisture Condition, Soil/Dirt Compaction	8/29/2024	120	Moisture Condition, Soil/Dirt Compaction	9/13/24	49.75				
239/Y23	8/14/24	8,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	2,300	Moisture Condition, Soil/Dirt Compaction	8/29/2024	180	Moisture Condition, Soil/Dirt Compaction	9/13/24	10.32				
98/Y101	8/14/24	1,001	Moisture Condition, Soil/Dirt Compaction	8/22/24	375	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	460.00				
101/Y012	8/14/24	832	Moisture Condition, Soil/Dirt Compaction	8/22/24	87.65	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	47.50				
101/Y013	8/14/24	762	Moisture Condition, Soil/Dirt Compaction	8/22/24	75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	130.00				
103/Y104	8/14/24	560	Moisture Condition, Soil/Dirt Compaction	8/22/24	65.78	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	72.38				
93/Y122	8/14/24	1,500	Moisture Condition, Soil/Dirt Compaction	8/22/24	105	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/13/24	388.00				
92/Y123	8/14/24	10,000	Moisture Condition, Soil/Dirt Compaction	8/22/24	5,000	Moisture Condition, Soil/Dirt Compaction	8/29/2024	205	Moisture Condition, Soil/Dirt Compaction	9/13/24	57.60				
82/Y144	8/27/24	700	Moisture Condition, Soil/Dirt Compaction	9/6/24	38.59	NA	NA	NA							
82/Y145	8/27/24	1,000	Moisture Condition, Soil/Dirt Compaction	9/6/24	43.07	NA	NA	NA							
165/Y146	8/27/24	1,500	Moisture Condition, Soil/Dirt Compaction	9/6/24	56.20	NA	NA	NA							
178/Y42	8/27/24	2,000	Flow Increase	9/6/24	89.70	NA	NA	NA							
184/Y43	8/27/24	900	Flow Increase	9/6/24	61.20	NA	NA	NA							
182/Y44	8/27/24	1,200	Flow Increase	9/6/24	57.23	NA	NA	NA							
164/Y162	8/27/24	500	Moisture Condition, Soil/Dirt Compaction	9/6/24	82.30	NA	NA	NA							
164/Y163	8/27/24	500	Moisture Condition, Soil/Dirt Compaction	9/6/24	41.60	NA	NA	NA							
164/Y164	8/27/24	800	Moisture Condition, Soil/Dirt Compaction	9/6/24	25.70	NA	NA	NA							
208/Y165	8/27/24	500	Flow Increase	9/6/24	16.53	NA	NA	NA							
208/Y166	8/27/24	500	Flow Increase	9/6/24	21.70	NA	NA	NA							
211/Y167	8/27/24	3,423	Moisture Condition, Soil/Dirt Compaction	9/6/24	110.00	NA	NA	NA							
211/Y168	8/27/24	6,045	Moisture Condition, Soil/Dirt Compaction	9/6/24	98.93	NA	NA	NA							
162/Y169	8/27/24	500	Moisture Condition, Soil/Dirt Compaction	9/6/24	15.52	NA	NA	NA							
161/Y170	8/27/24	2,923	Moisture Condition, Soil/Dirt Compaction	9/6/24	18.91	NA	NA	NA							
162/Y171	8/27/24	2,345	Moisture Condition, Soil/Dirt Compaction	9/6/24	20.23	NA	NA	NA							
163/Y172	8/27/24	1,325	Moisture Condition, Soil/Dirt Compaction	9/6/24	85.18	NA	NA	NA							
163/Y173	8/27/24	500	Moisture Condition, Soil/Dirt Compaction	9/6/24	75.61	NA	NA	NA							
66/Y66	8/27/24	685	Moisture Condition, Soil/Dirt Compaction	9/6/24	23.50	NA	NA	NA							
79/Y67	8/27/24	701	Moisture Condition, Soil/Dirt Compaction	9/6/24	79.60	NA	NA	NA							
76/Y68	8/27/24	511	Moisture Condition, Soil/Dirt Compaction	9/6/24	105	NA	NA	NA							
170/Y122	8/27/24	700	Moisture Condition, Soil/Dirt Compaction	9/6/24	13.76	NA	NA	NA							
167/Y123	8/27/24	2,500	Moisture Condition, Soil/Dirt Compaction	9/6/24	17.21	NA	NA	NA							
166/Y124	8/27/24	800	Moisture Condition, Soil/Dirt Compaction	9/6/24	58.88	NA	NA	NA							
166/Y125	8/27/24	2,000	Moisture Condition, Soil/Dirt Compaction	9/6/24	20.84	NA	NA	NA							
166/Y126	8/27/24	500	Moisture Condition, Soil/Dirt Compaction	9/6/24	92.07	NA	NA	NA							
159/Y127	8/27/24	800	Moisture Condition, Soil/Dirt Compaction	9/6/24	115.00	NA	NA	NA							
159/Y128	8/27/24	2,800	Moisture Condition, Soil/Dirt Compaction	9/6/24	63.05	NA	NA	NA							
159/Y129	8/27/24	4,000	Moisture Condition, Soil/Dirt Compaction	9/6/24	18.23	NA	NA	NA							
149/Y130	8/27/24	1,500	Moisture Condition, Soil/Dirt Compaction	9/6/24	10.13	NA	NA	NA							
176/Y82	8/27/24	2,500	Flow Increase	9/6/24	7.03	NA	NA	NA							
173/Y83	8/27/24	8,000	Flow Increase	9/6/24	8.83	NA	NA	NA							
172/Y84	8/27/24	5,700	Flow Increase	9/6/24	15.60	NA	NA	NA							
157/Y85	8/27/24	3,334	Flow Increase	9/6/24	4.33	NA	NA	NA							
215/Y1	8/27/24	1,900	Moisture Condition, Soil/Dirt Compaction	9/6/24	97.17	NA	NA	NA							
214/Y2	8/27/24	1,850	Moisture Condition, Soil/Dirt Compaction	9/6/24	94.97	NA	NA	NA							
214/Y3	8/27/24	2,500	Moisture Condition, Soil/Dirt Compaction	9/6/24	91.11	NA	NA	NA							
96/Y4	8/27/24	6,000	Moisture Condition, Soil/Dirt Compaction	9/6/24	58.80	NA	NA	NA							
96/Y5	8/27/24	678	Moisture Condition, Soil/Dirt Compaction	9/6/24	11.62	NA	NA	NA							
96/Y6	8/27/24	760	Moisture Condition, Soil/Dirt Compaction	9/6/24	23.36	NA	NA	NA							
194/Y7	8/27/24	1,325	Moisture Condition, Soil/Dirt Compaction	9/6/24	33.25	NA	NA	NA							
32/Y142	8/27/24	1,000	Moisture Condition, Soil/Dirt Compaction	9/6/24	61.70	NA	NA	NA							
32/Y143	8/27/24	900	Moisture Condition, Soil/Dirt Compaction	9/6/24	24.71	NA	NA	NA							
79/Y121	9/10/24	534													
186/Y101	9/10/24	743													
189/Y102	9/10/24	543													
190/Y103	9/10/24	850													
190/Y104	9/10/24	1,107													
191/Y105	9/10/24	1,300													
192/Y106	9/10/24	758													
158/Y121	9/10/24	2,100													
171/Y22	9/10/24	575													
171/Y23	9/10/24	760													
146/Y141	9/10/24	4,000													
176/Y42	9/10/24	4,000													
173/Y43	9/10/24	4,000													
149/Y61	9/10/24	1,446													
81/Y62	9/10/24	3,064													
81/Y63	9/10/24	2,017													
81/Y64	9/10/24	5,211													
59/Y65	9/10/24	7,192													
59/Y66	9/10/24	6,097													
59/Y67	9/10/24	3,996													
60/Y68	9/10/24	2,041													
60/Y69	9/10/24	8,024													
60/Y70	9/10/24	6,409													
63/Y71	9/10/24	1,452													
63/Y72	9/10/24	4,347													
63/Y73	9/10/24	1,815													
41/Y74	9/10/24	2,544													
37/Y75	9/10/24	2,097													
172/Y81	9/10/24	3,000													
152/Y82	9/10/24	1,000													
67/Y83	9/10/24	4,000													
32/Y84	9/10/24	8,000													
32/Y85	9/10/24	5,500													
82/Y86	9/10/24	2,000													
82/Y87	9/10/24	990													
83/Y88	9/10/24	700													
155/Y89	9/10/24	1,200													
71/Y1	9/10/24	585													
70/Y2	9/10/24	621													
57/Y3	9/10/24	532													
182/Y141	9/10/24	700													
182/Y142	9/10/24	1,323													
182/Y143	9/10/24	1,312													
184/Y144	9/10/24	1,956													
185/Y145	9/10/24	2,852													

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
184/Y146	9/10/24	500													
185/Y147	9/10/24	800													
185/Y148	9/10/24	8,723													
185/Y149	9/10/24	5,623													
179/Y150	9/10/24	4,523													
178/Y151	9/10/24	500													
150/Y152	9/10/24	2,456													
40/Y153	9/10/24	523													
49/Y41	9/11/24	936													
397y42	9/11/24	537													
230/Y100	9/11/24	500													
249/Y101	9/11/24	596													
210/Y21	9/11/24	500													
210/Y22	9/11/24	500													
210/Y23	9/11/24	800													
211/Y24	9/11/24	500													
211/Y25	9/11/24	800													
211/Y26	9/11/24	800													
214/Y27	9/11/24	800													
214/Y28	9/11/24	1,123													
214/Y29	9/11/24	800													
214/Y30	9/11/24	500													
196/Y31	9/11/24	500													
96/Y32	9/11/24	900													
96/Y33	9/11/24	500													
92/Y34	9/11/24	1,423													
92/Y35	9/11/24	1,542													
239/Y121	9/12/24	2,423													
239/Y122	9/12/24	900													
239/Y123	9/12/24	4,952													
100/Y1	9/12/24	700													
103/Y2	9/12/24	900													
97/Y3	9/12/24	675													
94/Y4	9/12/24	590													
51/Y57	9/12/24	511													
236/Y141	9/12/24	5,600													
236/Y142	9/12/24	5,423													
101/Y143	9/12/24	5,747													
89/Y101	9/12/24	2,703													
182/YY1	9/17/24	500													
184/Y21	9/17/24	1,500													
185/Y22	9/17/24	4,500													
179/Y23	9/17/24	800													
178/Y24	9/17/24	3,000													
150/Y25	9/17/24	750													
172/Y61	9/17/24	5,000													
172/Y62	9/17/24	5,000													
53/Y63	9/17/24	1,200													
159/Y64	9/17/24	5,000													
159/Y65	9/17/24	2,000													
166/Y81	9/17/24	5,709													
167/Y82	9/17/24	2,854													
170/Y83	9/17/24	860													
81/Y84	9/17/24	8,797													
81/Y85	9/17/24	2,039													
81/Y86	9/17/24	1,081													
59/Y87	9/17/24	2,785													
59/Y88	9/17/24	2,264													
59/Y89	9/17/24	1,663													
32/Y90	9/17/24	797													
32/Y91	9/17/24	2,732													
32/Y92	9/17/24	8,498													
32/Y93	9/17/24	2,426													
99/Y141	9/17/24	882													
96/Y142	9/17/24	567													
208/Y121	9/17/24	800													
210/Y122	9/17/24	560													
210/Y123	9/17/24	500													
210/Y124	9/17/24	500													
211/Y125	9/17/24	512													
211/Y126	9/17/24	500													
211/Y127	9/17/24	1,825													
211/Y128	9/17/24	516													
211/Y129	9/17/24	500													
212/Y130	9/17/24	1,842													
196/Y131	9/17/24	500													
196/Y132	9/17/24	500													
198/Y133	9/17/24	500													
211/Y134	9/17/24	1,853													
82/Y101	9/17/24	1,355													
82/Y102	9/17/24	2,300													
156/Y46	9/17/24	676													

Attachment D

Daily Inlet Temperatures

Attachment D - LFGTS Vessel Inlet Temperatures

August 2024

	Inlet Temperature (F)			
Date Time	ST-1	ST-2	ST-3	ST-4
08/01/2024 07:44	105	68	67	102
08/02/2024 07:35	103	72	72	102
08/03/2024 08:45	115	82	112	110
08/04/2024 16:56	126	115	131	120
08/05/2024 16:57	126	117	131	120
08/06/2024 09:44	122	92	122	116
08/07/2024 17:38	125	111	125	118
08/08/2024 10:49	123	90	122	116
08/09/2024 15:00	128	106	128	125
08/10/2024 07:32	98	67	98	102
08/11/2024 08:07	99	71	99	104
08/12/2024 12:11	108	83	106	104
08/13/2024 16:10	104	106	124	115
08/14/2024 07:37	65	66	99	100
08/15/2024 12:27	101	103	127	115
08/16/2024 07:06	64	64	86	91
08/17/2024 15:23	116	100	121	112
08/18/2024 15:56	116	104	122	116
08/19/2024 19:48	102	102	108	103
08/20/2024 08:07	88	65	98	98
08/21/2024 08:39	94	73	105	102
08/22/2024 10:08	111	83	119	108
08/23/2024 10:48	116	84	120	110
08/24/2024 08:02	96	59	98	99
08/25/2024 07:34	96	61	93	100
08/26/2024 09:05	106	71	105	74
08/27/2024 08:32	103	68	102	70
08/28/2024 08:38	98	82	99	64
08/29/2024 12:06	117	114	114	82
08/30/2024 14:44	99	94	99	99
08/31/2024 16:57	87	89	90	100

NR: Not recorded

Attachment E

Wellhead Temperature, Probe Temperature, and CO Concentration Data

Attachment E - Well CO Data
August 2024

Well PPMV	8/1/2024	8/5/2024	8/6/2024	8/7/2024	8/12/2024	8/13/2024	8/14/2024	8/15/2024	8/20/2024	8/21/2024	8/22/2024	8/27/2024	8/28/2024	8/29/2024
CV-1534A		4050						3280			4175		3635	
CV-1902A		2010			1570						2110		1750	
CV-2004		3820						3360			1520		3400	
CV-2201			2445		2235				2230			2545		
CV-2202	1755		1700		1440						1540			1715
CV-2203			3520		3340				2350			3380		
CV-2204			3230		3070				3360			3190		
CV-2206				1920	2140				2290			2230		
CV-2306			3440		2900				2960			3250		
CV-2308			1790		1450				2040			1800		
CV-2310	2170		2510		2130				2090			1890		
CV-2315				2010	883					2200				1870
CV-2322														2950
CV-2327	3130			2720			2970			3440		2150		
CV-2328			2050				1810			1610		1460		
CV-2338		1690						1740			2090		1850	
CV-2339		1930						1880			2130		1900	
CV-2341										1200			769	
CV-2342A		3210				2520					2390		2320	
CV-2353		1940				2040					2710		2610	
CV-2354			5740											
CV-24007			169			474.5								
CV-24018			815.5			943			1090			1250		
CV-24019			2520											
CV-24022				3480		4250			3905			4000		
CV-24024				3150		2700			2980			2540		
CV-24028														2615
CV-24030														2330
CV-24032			1150			1260			1160			1050		
CV-24033			956			806			856			909		
CV-24035				4330			4345		4050			3190		
CV-24038				2210		2600				2950				3310
CV-24042				3290		641								
CV-24067														3710
CV-24069						2415				2720				2800
CV-24139			2010			1716								
CV-24140			4190			3970					2365		11.9	

Attachment E - Well CO Data
August 2024

Well PPMV	8/1/2024	8/5/2024	8/6/2024	8/7/2024	8/12/2024	8/13/2024	8/14/2024	8/15/2024	8/20/2024	8/21/2024	8/22/2024	8/27/2024	8/28/2024	8/29/2024
CV-24142		4890				4760					2340			
CV-55R			94.2				63.1			169				97.8
H-1803N				1760		2020			1850			1620		
H-1962N			704					540	447			448		
TC-2174						2070				2010				2000

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW068	SW-68	8/1/2024 5:28:50 AM	77.0	77.0
CHISW032	SW-32	8/1/2024 5:35:11 AM	73.4	73.4
CHISW064	SW-64	8/1/2024 5:38:47 AM	71.9	71.9
CHISW030	SW-30	8/1/2024 5:43:17 AM	73.7	73.6
CHISW007	SW-7	8/1/2024 5:54:50 AM	73.4	73.4
CHISW025	SW-25	8/1/2024 5:59:13 AM	69.3	69.3
CHSW1930	SW-1930	8/1/2024 6:04:54 AM	64.0	63.9
CHH2168C	H-2168C	8/1/2024 9:32:30 AM	98.8	98.9
CHH1956B	H-1956B	8/1/2024 9:37:37 AM	110.6	110.6
CHCV2327	CV-2327	8/1/2024 10:46:22 AM	165.2	165.2
CHCV1421	CV-1421	8/1/2024 10:57:05 AM	115.2	115.2
CHCV2305	CV-2305	8/1/2024 11:01:22 AM	96.4	97.0
CHH2166A	H-2166A	8/1/2024 11:08:59 AM	103.8	103.2
CHH1771B	H-1771B	8/1/2024 11:13:06 AM	109.3	109.5
CCV24065	CV-24065	8/1/2024 11:17:20 AM	111.2	111.2
CCV24055	CV-24055	8/1/2024 11:23:12 AM	118.4	118.9
CHCV2316	CV-2316	8/1/2024 11:29:17 AM	141.0	141.0
CHCV1422	CV-1422	8/1/2024 11:33:26 AM	99.6	99.7
CCV2009A	CV-2009A	8/1/2024 11:37:08 AM	127.0	127.1
CHCV2202	CV-2202	8/1/2024 11:40:37 AM	197.5	196.4
CHH2166C	H-2166C	8/1/2024 11:41:03 AM	113.1	113.1
CCV24111	CV-24111	8/1/2024 11:45:09 AM	126.2	125.7
CCV24110	CV-24110	8/1/2024 11:45:24 AM	121.0	121.0
CHH1804A	H-1804A	8/1/2024 11:48:29 AM	118.0	118.1
CHCV2319	CV-2319	8/1/2024 11:52:23 AM	131.1	131.1
CHH1954C	H-1954C	8/1/2024 11:55:47 AM	113.5	113.9
CHCV2321	CV-2321	8/1/2024 11:57:56 AM	105.8	106.7
CHCV2321	CV-2321	8/1/2024 11:59:40 AM	107.9	N/A
CHIWA001	A-01	8/1/2024 12:07:03 PM	98.2	98.2
CHH1804B	H-1804B	8/1/2024 12:08:12 PM	104.4	104.5
CHIWA002	A-02	8/1/2024 12:14:25 PM	107.9	108.0
CCV24094	CV-24094	8/1/2024 12:16:58 PM	112.8	112.8
CCV24094	CV-24094	8/1/2024 12:18:49 PM	112.6	112.8
CHIWA003	A-03	8/1/2024 12:22:37 PM	112.7	113.4
CHH1771N	H-1771N	8/1/2024 12:22:55 PM	112.8	112.8
CHH1771N	H-1771N	8/1/2024 12:24:35 PM	112.9	112.9
CHIWA004	A-04	8/1/2024 12:27:33 PM	103.2	103.2
CCV24093	CV-24093	8/1/2024 12:36:24 PM	111.0	111.2
CHIWA005	A-05	8/1/2024 12:38:24 PM	111.5	105.0
CHCV1906	CV-1906	8/1/2024 12:50:19 PM	104.0	104.8
CHIWCV04	CV-04	8/1/2024 12:51:21 PM	111.0	111.0
CHCV1906	CV-1906	8/1/2024 12:52:30 PM	105.4	105.1
CHIWCV03	CV-03	8/1/2024 12:55:53 PM	119.7	119.7
CHH2168A	H-2168A	8/1/2024 12:57:17 PM	105.0	105.1
CHH2168A	H-2168A	8/1/2024 12:59:12 PM	104.9	104.9

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWCV02	CV-02	8/1/2024 1:05:49 PM	131.6	131.6
CHIWCV02	CV-02	8/1/2024 1:10:07 PM	131.6	131.7
CHH2170S	H-2170S	8/1/2024 1:13:56 PM	96.1	96.1
CHIWCV05	CV-05	8/1/2024 1:21:46 PM	101.6	101.8
CCV24077	CV-24077	8/1/2024 1:24:33 PM	124.0	124.2
CHCV2335	CV-2335	8/1/2024 1:40:54 PM	115.2	115.0
CHCV1901	CV-1901	8/1/2024 1:45:22 PM	124.8	125.0
CHIWH059	H-59	8/1/2024 1:50:42 PM	103.9	103.9
CHCV2006	CV-2006	8/1/2024 1:51:57 PM	138.9	139.1
CHCV1607	CV-1607	8/1/2024 1:56:44 PM	122.3	122.3
CHIWH048	H-48	8/1/2024 1:57:37 PM	106.0	106.2
CHIWH048	H-48	8/1/2024 1:58:11 PM	107.3	107.5
CHCV2338	CV-2338	8/1/2024 2:01:22 PM	181.2	183.0
CCV24141	CV-24141	8/1/2024 2:04:26 PM	111.9	112.0
CCV1902A	CV-1902A	8/1/2024 2:04:31 PM	186.5	186.3
CCV24141	CV-24141	8/1/2024 2:06:29 PM	111.7	111.6
CHCV2339	CV-2339	8/1/2024 2:08:29 PM	189.9	189.7
CCV24043	CV-24043	8/1/2024 2:12:20 PM	117.9	117.9
CCV24143	CV-24143	8/1/2024 2:12:56 PM	107.6	90.9
CCV24143	CV-24143	8/1/2024 2:17:00 PM	107.6	107.6
CHH1753S	H-1753S	8/1/2024 2:19:05 PM	106.5	106.4
CHCV2351	CV-2351	8/1/2024 2:22:43 PM	126.8	128.0
CHH1563N	H-1563N	8/1/2024 2:24:35 PM	116.4	116.4
CHCV2352	CV-2352	8/1/2024 2:27:57 PM	106.4	106.4
CHCV2352	CV-2352	8/1/2024 2:29:30 PM	106.4	106.4
CCV24050	CV-24050	8/1/2024 2:29:40 PM	110.5	109.3
CCV24140	CV-24140	8/1/2024 2:34:45 PM	164.7	164.7
CCV24140	CV-24140	8/1/2024 2:35:34 PM	164.7	164.7
CCV24139	CV-24139	8/1/2024 2:44:09 PM	167.9	167.9
CCV24139	CV-24139	8/1/2024 2:45:55 PM	167.9	167.9
CCV24139	CV-24139	8/1/2024 2:49:37 PM	167.9	167.9
CHCV2310	CV-2310-PLR	8/1/2024 2:52:55 PM	197.0	197.0
CHCV2354	CV-2354	8/1/2024 2:53:12 PM	159.6	158.5
CHIWCV95	CV-95	8/1/2024 4:38:11 PM	116.0	115.9
CHWCV57R	CV-57R	8/1/2024 4:42:18 PM	126.1	126.1
CCV24103	CV-24103	8/1/2024 5:00:32 PM	121.7	121.5
CHISW068	SW-68	8/2/2024 5:29:30 AM	77.3	77.4
CHISW032	SW-32	8/2/2024 5:35:13 AM	71.3	71.3
CHISW064	SW-64	8/2/2024 5:39:16 AM	72.1	72.2
CHISW030	SW-30	8/2/2024 5:43:22 AM	73.9	73.9
CHISW007	SW-7	8/2/2024 5:53:33 AM	75.5	75.5
CHISW025	SW-25	8/2/2024 5:57:22 AM	71.8	72.0
CHSW1930	SW-1930	8/2/2024 6:01:03 AM	68.4	68.2
CHH2274B	H-2274B	8/2/2024 9:29:07 AM	98.6	101.6
CHCV2348	CV-2348	8/2/2024 9:30:16 AM	130.8	130.6

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24085	CV-24085	8/2/2024 9:34:47 AM	106.0	106.8
CHH1563S	H-1563S	8/2/2024 9:35:37 AM	121.5	121.5
CCV24085	CV-24085	8/2/2024 9:36:17 AM	107.4	107.4
CCV24077	CV-24077	8/2/2024 9:40:03 AM	124.9	124.9
CHCV2347	CV-2347	8/2/2024 9:42:29 AM	133.0	134.1
CCV24078	CV-24078	8/2/2024 9:43:32 AM	122.8	122.8
CHCV2347	CV-2347	8/2/2024 9:43:35 AM	134.4	134.4
CHH1405C	H-1405C	8/2/2024 9:47:55 AM	105.9	105.9
CCV24079	CV-24079	8/2/2024 9:49:02 AM	115.1	114.8
CHH1757S	H-1757S	8/2/2024 9:52:37 AM	117.4	117.4
CHH1769S	H-1769S	8/2/2024 9:55:50 AM	103.0	103.1
CHCV2346	CV-2346	8/2/2024 9:58:20 AM	132.0	132.8
CHCV2346	CV-2346	8/2/2024 9:59:25 AM	132.0	132.1
CCV24066	CV-24066	8/2/2024 10:01:37 AM	123.2	123.6
CHIWP02R	P-02R	8/2/2024 10:05:41 AM	89.1	89.1
CHCV2345	CV-2345	8/2/2024 10:07:51 AM	142.8	143.0
CCV24056	CV-24056	8/2/2024 10:18:45 AM	126.5	126.6
CHCV2345	CV-2345	8/2/2024 10:19:45 AM	143.1	143.1
CHH1770S	H-1770S	8/2/2024 10:25:33 AM	128.9	128.9
CHCV2344	CV-2344	8/2/2024 10:29:54 AM	128.8	128.9
CHCV2343	CV-2343	8/2/2024 10:35:41 AM	133.9	134.1
CHCV2343	CV-2343	8/2/2024 10:36:48 AM	133.9	133.9
CHCV1535	CV-1535	8/2/2024 10:39:39 AM	128.5	128.5
CV108-52	CV-108-52	8/2/2024 10:42:24 AM	130.8	130.0
CHCV2003	CV-2003	8/2/2024 10:46:52 AM	134.5	135.0
CHCV2003	CV-2003	8/2/2024 10:48:18 AM	135.1	135.0
CHH1802N	H-1802N	8/3/2024 9:52:27 AM	109.8	110.3
CCV24095	CV-24095	8/4/2024 6:46:59 AM	87.6	87.7
CHCV2349	CV-2349	8/4/2024 6:50:59 AM	100.7	103.6
CCV24096	CV-24096	8/4/2024 6:55:27 AM	72.4	70.2
CCV24097	CV-24097	8/4/2024 7:02:29 AM	87.5	87.5
CCV24097	CV-24097	8/4/2024 7:04:29 AM	87.5	87.5
CHH1405W	H-1405W	8/4/2024 7:09:11 AM	90.6	90.7
CCV24144	CV-24144	8/4/2024 7:14:33 AM	76.8	76.7
CHH1574N	H-1574N	8/4/2024 7:18:52 AM	113.0	114.2
CTC2383S	TC-2383S	8/4/2024 7:23:00 AM	75.3	73.2
CTC2383S	TC-2383S	8/4/2024 7:28:17 AM	72.4	73.2
CCV24098	CV-24098	8/4/2024 7:33:21 AM	84.9	86.3
CHH1560S	H-1560S	8/4/2024 7:37:57 AM	107.5	107.8
CCV24099	CV-24099	8/4/2024 7:40:07 AM	102.2	102.8
CHCV2001	CV-2001	8/4/2024 7:46:55 AM	92.5	92.8
CHH2165W	H-2165W	8/4/2024 7:50:53 AM	119.4	119.5
CCV24100	CV-24100	8/4/2024 7:54:55 AM	115.0	116.2
CCV24101	CV-24101	8/4/2024 8:07:37 AM	112.2	112.4
CHH2272W	H-2272W	8/4/2024 8:30:52 AM	113.8	114.0

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24102	CV-24102	8/4/2024 8:34:54 AM	101.8	103.3
CCV24192	CV-24192	8/4/2024 8:37:51 AM	119.7	119.8
CCV24190	CV-24190	8/4/2024 8:42:39 AM	117.7	117.7
CCV24103	CV-24103	8/4/2024 8:59:16 AM	119.9	120.1
CCV24194	CV-24194	8/4/2024 9:06:03 AM	121.0	121.5
CHH2164A	H-2164A	8/4/2024 9:11:14 AM	119.6	119.7
CHH2272C	H-2272C	8/4/2024 9:15:01 AM	116.6	117.6
CCV24104	CV-24104	8/4/2024 9:20:00 AM	114.1	113.8
CHH2162B	H-2162B	8/4/2024 9:25:49 AM	115.7	115.6
CHH2164B	H-2164B	8/4/2024 9:30:37 AM	144.3	145.7
CHH2164B	H-2164B	8/4/2024 9:33:48 AM	146.6	146.5
CCV24195	CV-24195	8/4/2024 9:38:33 AM	121.9	122.1
CCV24105	CV-24105	8/4/2024 9:42:25 AM	124.0	124.0
CCV24196	CV-24196	8/4/2024 9:45:23 AM	124.9	125.0
CCV24106	CV-24106	8/4/2024 9:56:07 AM	124.1	124.1
CCV24197	CV-24197	8/4/2024 10:01:44 AM	120.1	120.2
CCV24107	CV-24107	8/4/2024 10:04:20 AM	110.7	111.0
CCV24210	CV-24210	8/4/2024 10:10:02 AM	117.5	117.8
CCV24108	CV-24108	8/4/2024 10:15:29 AM	121.0	118.3
CHH1764N	H-1764N	8/4/2024 10:18:58 AM	111.6	111.9
CHH1804S	H-1804S	8/4/2024 10:23:15 AM	110.0	111.1
CCV24102	CV-24102	8/4/2024 10:28:58 AM	110.0	110.5
CHH1805B	H-1805B	8/4/2024 10:33:37 AM	105.2	108.1
CHH1805B	H-1805B	8/4/2024 10:36:04 AM	105.3	105.1
CCV24109	CV-24109	8/4/2024 10:40:37 AM	109.1	109.2
CHCV2324	CV-2324	8/4/2024 10:49:04 AM	126.4	126.5
CHH2169E	H-2169E	8/4/2024 10:51:59 AM	114.6	114.9
CHCV2205	CV-2205	8/4/2024 10:57:05 AM	124.4	124.4
CHH2168E	H-2168E	8/4/2024 11:01:41 AM	111.7	112.6
CHH1957B	H-1957B	8/4/2024 11:10:12 AM	109.2	110.9
CHH2167E	H-2167E	8/4/2024 12:27:42 PM	109.2	110.6
CHH2167E	H-2167E	8/4/2024 12:30:55 PM	111.0	111.5
CHIWCV94	CV-94	8/4/2024 12:34:27 PM	117.0	117.4
CCV24112	CV-24112	8/4/2024 12:40:47 PM	123.6	123.6
CHH1806A	H-1806A	8/4/2024 12:45:51 PM	119.0	119.1
CHCV2207	CV-2207	8/4/2024 12:48:49 PM	124.3	124.4
CHH1957A	H-1957A	8/4/2024 12:53:36 PM	115.3	115.3
CHH2166E	H-2166E	8/4/2024 1:03:53 PM	118.4	118.6
CCV2010A	CV-2010A	8/4/2024 1:09:20 PM	135.0	135.0
CCV2010A	CV-2010A	8/4/2024 1:12:54 PM	135.1	135.1
CCV24137	CV-24137	8/4/2024 1:17:21 PM	123.6	123.6
CCV24137	CV-24137	8/4/2024 1:19:01 PM	124.2	124.2
CHCV2010	CV-2010	8/4/2024 1:25:54 PM	134.1	134.5
CHCV2010	CV-2010	8/4/2024 1:32:40 PM	132.1	132.3
CHH1807A	H-1807A	8/4/2024 1:36:21 PM	120.3	120.4

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1958C	H-1958C	8/4/2024 1:41:18 PM	121.4	122.5
CHCV2012	CV-2012	8/4/2024 1:46:44 PM	135.1	135.0
CHCV2012	CV-2012	8/4/2024 1:48:29 PM	134.9	135.0
CCV2011A	CV-2011A	8/4/2024 1:57:26 PM	142.3	142.2
CCV2011A	CV-2011A	8/4/2024 2:01:09 PM	142.2	141.8
CHH1805A	H-1805A	8/4/2024 2:45:15 PM	123.7	123.8
CHCV1424	CV-1424	8/4/2024 2:47:13 PM	122.9	123.2
CHH1955C	H-1955C	8/4/2024 2:51:17 PM	115.6	115.7
CHH2169C	H-2169C	8/4/2024 2:58:31 PM	100.9	100.6
CHH2275E	H-2275E	8/4/2024 3:03:02 PM	127.3	128.5
CHH1763S	H-1763S	8/4/2024 3:06:18 PM	133.0	132.9
CHH1763S	H-1763S	8/4/2024 3:09:33 PM	132.7	132.7
CHH1764S	H-1764S	8/4/2024 3:16:55 PM	118.4	120.1
CHH1961E	TC-1961E	8/4/2024 3:20:38 PM	122.1	122.3
CHH1806S	H-1806S	8/4/2024 3:22:52 PM	112.2	112.2
CHCV1703	CV-1703	8/4/2024 3:27:04 PM	132.3	132.4
CHH1807S	H-1807S	8/4/2024 3:30:54 PM	105.2	105.4
CHH1958S	H-1958S	8/4/2024 3:36:39 PM	123.9	124.0
CCV24118	CV-24118	8/4/2024 3:39:59 PM	121.4	121.7
CCV24117	CV-24117	8/4/2024 3:42:36 PM	110.9	111.0
CHH2274E	H-2274E	8/4/2024 3:46:38 PM	108.0	108.0
CHH1572S	H-1572S	8/4/2024 3:49:29 PM	117.9	118.1
CHCV1604	CV-1604	8/4/2024 3:53:13 PM	127.9	128.3
CHH1571S	H-1571S	8/4/2024 3:56:43 PM	115.8	116.0
CHH1961C	TC-1961C	8/4/2024 4:01:26 PM	118.0	118.3
CHISW064	SW-64	8/5/2024 5:35:08 AM	75.5	75.5
CHISW030	SW-30	8/5/2024 5:38:03 AM	74.9	75.3
CHISW068	SW-68	8/5/2024 5:43:21 AM	79.5	79.9
CHISW032	SW-32	8/5/2024 5:46:06 AM	75.6	75.6
CHISW007	SW-7	8/5/2024 5:52:24 AM	77.8	77.8
CHISW025	SW-25	8/5/2024 5:55:46 AM	75.2	75.5
CHSW1930	SW-1930	8/5/2024 5:59:00 AM	71.2	71.2
CHCV2353	CV-2353-PLR	8/5/2024 9:28:55 AM	178.3	178.3
CCV2342A	CV-2342A-PLR	8/5/2024 9:38:06 AM	187.8	187.3
CHCV2004	CV-2004	8/5/2024 9:47:04 AM	194.1	194.1
CCV24161	CV-24161	8/5/2024 9:56:02 AM	103.9	105.2
CCV1534A	CV-1534A-PLR	8/5/2024 10:02:01 AM	153.8	153.1
CCV24049	CV-24049	8/5/2024 10:04:26 AM	125.1	125.8
CCV24051	CV-24051	8/5/2024 10:04:26 AM	115.3	115.8
CCV24142	CV-24142	8/5/2024 10:07:06 AM	163.7	163.7
CCV24044	CV-24044	8/5/2024 10:10:13 AM	120.3	120.7
CCV24149	CV-24149	8/5/2024 10:13:30 AM	115.8	115.9
CCV24036	CV-24036	8/5/2024 10:16:14 AM	102.6	102.9
CCV24037	CV-24037	8/5/2024 10:19:51 AM	143.3	142.0
CCV24031	CV-24031	8/5/2024 10:24:58 AM	125.3	125.2

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24032	CV-24032	8/5/2024 10:28:32 AM	161.8	162.1
CCV24033	CV-24033	8/5/2024 10:32:10 AM	159.4	159.4
CHCV2339	CV-2339	8/5/2024 10:35:10 AM	185.8	185.3
CCV24026	CV-24026	8/5/2024 10:35:49 AM	116.5	116.5
CCV1902A	CV-1902A	8/5/2024 10:39:19 AM	174.2	174.2
CCV24018	CV-24018	8/5/2024 10:39:19 AM	150.6	150.9
CCV24019	CV-24019	8/5/2024 10:42:21 AM	165.5	165.6
CHCV2338	CV-2338	8/5/2024 10:42:47 AM	158.6	158.6
CHH1770A	H-1770A	8/5/2024 10:46:37 AM	138.8	138.7
CCV24016	CV-24016	8/5/2024 10:50:35 AM	138.7	138.7
CHH1772N	H-1772N	8/5/2024 11:03:56 AM	122.4	122.4
CHH1763N	H-1763N	8/5/2024 11:13:28 AM	111.9	112.1
CHH1763N	H-1763N	8/5/2024 11:23:08 AM	112.7	112.8
CHIWC008	C-08	8/5/2024 11:46:28 AM	123.1	123.6
CHH1964S	H-1964S	8/5/2024 11:56:23 AM	111.9	111.9
CHIWC030	C-30	8/5/2024 11:57:10 AM	134.7	135.2
CHH1964S	H-1964S	8/5/2024 11:58:06 AM	111.5	111.5
CHISW065	SW-65	8/5/2024 12:00:22 PM	113.5	113.5
CHIWC030	C-30	8/5/2024 12:01:15 PM	135.6	135.6
CHISW115	SW-115	8/5/2024 12:04:19 PM	112.5	122.5
CHIWC010	C-10	8/5/2024 12:11:31 PM	129.2	129.3
CHIWC011	C-11	8/5/2024 12:17:50 PM	109.3	109.3
CHIWC012	C-12	8/5/2024 12:22:08 PM	117.8	117.8
CHIWC028	C-28	8/5/2024 12:24:02 PM	115.5	115.9
CHIWC029	C-29	8/5/2024 12:28:39 PM	106.4	106.5
CHIWC015	C-15	8/5/2024 12:39:39 PM	122.5	122.5
CHIWH004	H-04 (EXP-04)	8/5/2024 12:52:19 PM	119.3	119.3
CHIWC026	C-26	8/5/2024 12:59:21 PM	129.5	129.5
CHIWCV25	CV-25	8/5/2024 1:11:15 PM	129.5	129.5
CHIWC17B	C-17B	8/5/2024 1:16:58 PM	129.5	129.5
CHIWH002	H-02 (EXP-02)	8/5/2024 1:21:15 PM	119.3	119.3
CHIWC17A	C-17A	8/5/2024 1:21:27 PM	105.9	105.6
CHIWH002	H-02 (EXP-02)	8/5/2024 1:22:59 PM	119.3	119.3
CHIWH001	H-01 (EXP-01)	8/5/2024 1:28:38 PM	119.3	119.3
CHIWC17A	C-17A	8/5/2024 1:33:10 PM	117.0	117.0
CHISW080	SW-80	8/5/2024 1:40:59 PM	119.3	119.3
CHIWC018	C-18	8/5/2024 1:48:23 PM	122.8	122.8
CHIWC019	C-19	8/5/2024 1:48:58 PM	118.7	119.4
CHIWC023	C-23	8/5/2024 1:51:45 PM	122.5	122.5
CHIWC024	C-24	8/5/2024 1:55:10 PM	124.4	124.0
CCV24038	CV-24038	8/5/2024 2:32:39 PM	153.9	155.7
CCV24038	CV-24038	8/5/2024 2:36:05 PM	160.5	160.7
CHIWH78A	H-78A	8/5/2024 4:09:31 PM	105.1	105.2
CHIWH78A	H-78A	8/5/2024 4:11:57 PM	106.0	106.1
CHISW068	SW-68	8/6/2024 5:42:32 AM	78.7	78.7

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW032	SW-32	8/6/2024 5:46:30 AM	77.0	79.7
CHISW064	SW-64	8/6/2024 5:50:30 AM	75.0	74.9
CHISW030	SW-30	8/6/2024 5:53:48 AM	75.4	75.5
CHISW007	SW-7	8/6/2024 5:59:16 AM	78.0	78.1
CHISW025	SW-25	8/6/2024 6:01:23 AM	76.4	76.2
CHSW1930	SW-1930	8/6/2024 6:05:49 AM	71.8	71.8
CHH1955N	H-1955N	8/6/2024 8:51:08 AM	102.1	N/A
CHCV2009	CV-2009	8/6/2024 8:55:12 AM	128.8	128.8
CHCV2319	CV-2319	8/6/2024 8:59:34 AM	129.8	129.9
CHH1804N	H-1804N	8/6/2024 9:00:07 AM	116.6	116.7
CCV24135	CV-24135	8/6/2024 9:06:44 AM	134.7	134.7
CCV24135	CV-24135	8/6/2024 9:10:44 AM	135.3	134.7
CHH1771A	H-1771A	8/6/2024 9:15:47 AM	124.2	124.2
CHH2173W	TC-2173	8/6/2024 9:21:58 AM	115.4	115.4
CCV24134	CV-24134	8/6/2024 9:28:01 AM	129.1	129.5
CHCV2354	CV-2354	8/6/2024 9:31:06 AM	157.1	157.2
CHIWH031	H-31	8/6/2024 9:33:31 AM	112.8	112.8
CHCV1423	CV-1423	8/6/2024 9:35:04 AM	132.3	132.4
CHCV1423	CV-1423	8/6/2024 9:36:39 AM	132.6	132.5
CCV24139	CV-24139	8/6/2024 9:40:59 AM	167.7	169.4
CHCV1422	CV-1422	8/6/2024 9:41:07 AM	120.7	120.9
CHCV2008	CV-2008	8/6/2024 9:43:18 AM	120.0	120.0
CCV24140	CV-24140	8/6/2024 9:44:42 AM	169.2	170.4
CHIWP009	P-09	8/6/2024 9:51:23 AM	98.5	98.5
CHCV2007	CV-2007	8/6/2024 10:00:27 AM	129.4	129.1
CHIWP002	P-02	8/6/2024 10:13:17 AM	111.4	111.4
CHH2164B	H-2164B	8/6/2024 10:16:02 AM	134.9	134.3
CHIWP002	P-02	8/6/2024 10:16:43 AM	111.3	111.1
CCV2208A	CV-2208A	8/6/2024 10:21:16 AM	131.4	131.8
CCV2208A	CV-2208A	8/6/2024 10:23:14 AM	131.5	131.4
CHIWP08R	P-08R	8/6/2024 10:24:22 AM	104.4	104.4
CHCV2328	CV-2328	8/6/2024 10:24:36 AM	151.6	151.6
CHH2162B	H-2162B	8/6/2024 10:27:00 AM	116.9	116.9
CHH1956N	H-1956N	8/6/2024 10:27:43 AM	114.1	114.1
CHIWP010	P-10	8/6/2024 10:30:53 AM	97.5	98.3
CHCV2202	CV-2202	8/6/2024 10:32:46 AM	193.0	193.0
CHH1766N	H-1766N	8/6/2024 10:32:49 AM	102.2	102.3
CHH1766N	H-1766N	8/6/2024 10:35:01 AM	102.7	102.8
CHIWP011	P-11	8/6/2024 10:36:47 AM	110.1	110.1
CCV24136	CV-24136	8/6/2024 10:40:51 AM	121.8	121.5
CHCV2203	CV-2203-PLR	8/6/2024 10:45:58 AM	190.0	190.0
CHH1957N	H-1957N	8/6/2024 10:46:04 AM	121.5	121.2
CHH1806N	H-1806N	8/6/2024 10:50:38 AM	128.4	128.5
CCV24032	CV-24032	8/6/2024 10:51:42 AM	156.0	156.2
CHIWP014	P-14	8/6/2024 10:56:52 AM	84.6	84.1

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24033	CV-24033	8/6/2024 10:57:01 AM	157.5	157.7
CHIWP15R	P-15R	8/6/2024 11:01:45 AM	104.3	104.6
CCV24214	CV-24214	8/6/2024 11:03:54 AM	108.0	108.0
CCV24214	CV-24214	8/6/2024 11:04:27 AM	108.0	108.0
CHCV2310	CV-2310-PLR	8/6/2024 11:07:07 AM	193.4	193.2
CHIWP013	P-13	8/6/2024 11:11:21 AM	88.3	88.2
CHH1958N	H-1958N	8/6/2024 11:16:40 AM	109.2	109.5
CHIWP012	P-12	8/6/2024 11:18:54 AM	92.3	91.8
CHH1807N	H-1807N	8/6/2024 11:25:24 AM	111.3	114.5
CHH1807N	H-1807N	8/6/2024 11:25:51 AM	113.8	113.8
CHIWP021	P-21	8/6/2024 11:29:18 AM	101.9	101.9
CHIWP026	P-26	8/6/2024 11:35:16 AM	106.8	106.8
CHH2055E	H-2055E	8/6/2024 11:36:35 AM	117.9	121.0
CHIWP06R	P-06R	8/6/2024 11:40:39 AM	117.4	117.5
CHH2272C	H-2272C	8/6/2024 11:41:10 AM	117.0	116.5
CHWCV55R	CV-55R	8/6/2024 11:43:30 AM	151.4	151.2
CHWCV55R	CV-55R	8/6/2024 11:44:47 AM	149.9	149.8
CHCV2316	CV-2316	8/6/2024 11:45:04 AM	140.0	140.0
CHIWP03R	P-03R	8/6/2024 11:46:05 AM	110.4	111.2
CCV24131	CV-24131	8/6/2024 11:56:54 AM	129.7	129.7
CHIWB005	B-05	8/6/2024 12:45:32 PM	92.9	92.2
CHIWB006	B-06	8/6/2024 12:51:12 PM	93.2	92.6
CHIWB012	B-12	8/6/2024 12:57:35 PM	103.4	103.4
CHIWB03R	B-03R	8/6/2024 1:02:13 PM	106.0	106.1
CHIWB02R	B-02R	8/6/2024 1:08:21 PM	91.8	91.8
CHIWB008	B-08	8/6/2024 1:20:59 PM	98.4	98.4
CCV24132	CV-24132	8/6/2024 1:38:10 PM	126.5	126.6
CCV24065	CV-24065	8/6/2024 1:42:15 PM	112.5	112.5
CCV24065	CV-24065	8/6/2024 1:43:41 PM	113.0	112.9
CHIWP016	P-16	8/6/2024 1:45:10 PM	103.6	103.8
CHWCV49S	CV-49S	8/6/2024 1:48:54 PM	108.9	109.1
CHIWP017	P-17	8/6/2024 1:50:46 PM	107.1	107.6
CHWCV49S	CV-49S	8/6/2024 1:52:17 PM	109.8	109.8
CHIP18RS	P-18RS	8/6/2024 1:55:07 PM	106.7	107.0
CHWCV48R	CV-48R	8/6/2024 2:02:38 PM	127.3	127.4
CHIP18RD	P-18RD	8/6/2024 2:03:40 PM	113.8	113.5
CHCV2204	CV-2204-PLR	8/6/2024 2:05:21 PM	192.3	192.2
CCV24123	CV-24123	8/6/2024 2:06:54 PM	113.8	113.8
CHIWP20R	P-20R	8/6/2024 2:07:56 PM	106.7	108.3
CCV24146	CV-24146	8/6/2024 2:11:31 PM	114.1	114.1
CHIWP021	P-21	8/6/2024 2:14:11 PM	98.9	98.6
CHCV2306	CV-2306	8/6/2024 2:15:53 PM	194.0	194.0
CCV24147	CV-24147	8/6/2024 2:17:10 PM	122.0	122.1
CHIP21RS	P-21RS	8/6/2024 2:19:36 PM	110.0	110.7
CHIP21RD	P-21RD	8/6/2024 2:23:51 PM	110.5	111.0

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24130	CV-24130	8/6/2024 2:26:49 PM	115.6	115.7
CHIP22RS	P-22RS	8/6/2024 2:29:36 PM	121.3	121.4
CCV24125	CV-24125	8/6/2024 2:31:24 PM	114.2	114.5
CHIP22RD	P-22RD	8/6/2024 2:33:13 PM	123.5	123.5
CHH2273C	H-2273C	8/6/2024 2:38:45 PM	118.9	119.3
CHIWCV99	CV-99	8/6/2024 2:39:43 PM	118.3	118.6
CHIWP023	P-23	8/6/2024 2:43:28 PM	106.9	107.4
CHCV2308	CV-2308-PLR	8/6/2024 2:44:51 PM	167.2	170.8
CCV24122	CV-24122	8/6/2024 2:46:15 PM	125.9	126.0
CCV24089	CV-24089	8/6/2024 2:47:03 PM	120.8	120.4
CHH1404C	H-1404C	8/6/2024 2:51:37 PM	120.8	120.7
CHCV2201	CV-2201-PLR	8/6/2024 2:54:08 PM	194.0	194.0
CHWCV114	CV-114	8/6/2024 2:54:50 PM	127.0	126.6
CCV24019	CV-24019	8/6/2024 3:00:10 PM	163.2	163.3
CHH1568S	H-1568S	8/6/2024 3:01:13 PM	106.3	106.9
CHH1409N	H-1409N	8/6/2024 3:05:06 PM	109.5	109.6
CCV24121	CV-24121	8/6/2024 3:05:14 PM	109.6	110.9
CCV24121	CV-24121	8/6/2024 3:06:15 PM	111.3	111.3
CHH2276B	H-2276B	8/6/2024 3:08:45 PM	108.2	108.3
CCV24018	CV-24018	8/6/2024 3:09:10 PM	150.6	150.6
CCV24091	CV-24091	8/6/2024 3:12:50 PM	116.5	116.6
CHH2277B	H-2277B	8/6/2024 3:15:51 PM	110.5	110.6
CCV24007	CV-24007	8/6/2024 3:16:27 PM	154.1	154.1
CHWCV85S	CV-85S	8/6/2024 3:18:25 PM	106.7	106.6
CHH1954N	H-1954N	8/6/2024 3:26:16 PM	105.1	105.2
CHH1962N	H-1962N	8/6/2024 3:26:55 PM	166.3	166.3
CCV24171	CV-24171	8/6/2024 3:27:01 PM	111.5	114.6
CCV24127	CV-24127	8/6/2024 3:32:54 PM	111.7	111.8
CHH1953N	H-1953N	8/6/2024 3:38:04 PM	118.7	118.7
CHISW068	SW-68	8/7/2024 5:23:22 AM	77.0	77.2
CHISW032	SW-32	8/7/2024 5:28:20 AM	73.4	73.4
CHISW064	SW-64	8/7/2024 5:32:31 AM	72.2	72.2
CHISW025	SW-25	8/7/2024 5:45:36 AM	74.3	74.2
CHISW007	SW-7	8/7/2024 5:49:06 AM	77.1	77.2
CHSW1930	SW-1930	8/7/2024 5:52:58 AM	68.0	68.0
CHIWP024	P-24	8/7/2024 8:06:21 AM	86.1	86.1
CHIWH008	H-08 (EXP-08)	8/7/2024 8:30:10 AM	108.1	108.0
CHISW071	SW-71	8/7/2024 8:31:39 AM	85.8	85.9
CHIWH010	H-10 (EXP-10)	8/7/2024 8:41:22 AM	123.5	123.4
CHIWP026	P-26	8/7/2024 8:44:09 AM	86.4	86.4
CHIWP027	P-27	8/7/2024 8:52:43 AM	96.6	96.6
CHCV2334	CV-2334	8/7/2024 8:56:13 AM	133.2	133.4
CHCV2334	CV-2334	8/7/2024 8:58:12 AM	133.5	133.5
CHIWP028	P-28	8/7/2024 9:06:11 AM	98.6	98.6
CCV24120	CV-24120	8/7/2024 9:06:48 AM	95.1	95.4

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24120	CV-24120	8/7/2024 9:07:55 AM	95.8	95.9
CHIWP29R	P-29R	8/7/2024 9:15:38 AM	99.4	99.4
CHTC2174	TC-2174	8/7/2024 9:23:05 AM	147.3	147.3
CHTC2174	TC-2174	8/7/2024 9:24:10 AM	147.3	147.3
CHIWP30R	P-30R	8/7/2024 9:26:38 AM	92.3	92.3
CHCV2327	CV-2327	8/7/2024 9:39:50 AM	166.2	166.2
CHIP32R1	P-32R1	8/7/2024 9:45:51 AM	119.0	118.9
CCV24128	CV-24128	8/7/2024 9:47:44 AM	124.5	124.9
CCV24129	CV-24129	8/7/2024 9:57:30 AM	129.0	129.0
CHCV2206	CV-2206-PLR	8/7/2024 10:04:58 AM	207.9	208.3
CCV24124	CV-24124	8/7/2024 10:06:09 AM	129.9	129.8
CCV24126	CV-24126	8/7/2024 10:10:35 AM	126.3	126.3
CHIP32R2	P-32R2	8/7/2024 10:11:00 AM	122.9	122.8
CHIWP033	P-33	8/7/2024 10:20:42 AM	103.5	103.6
CCV24022	CV-24022-PLR	8/7/2024 10:24:47 AM	173.1	172.9
CCV24064	CV-24064	8/7/2024 10:25:04 AM	109.7	109.7
CCV24075	CV-24075	8/7/2024 10:30:10 AM	137.3	137.0
CCV24075	CV-24075	8/7/2024 10:31:40 AM	136.9	136.9
CHIWP034	P-34	8/7/2024 10:36:03 AM	121.1	121.1
CCV24063	CV-24063	8/7/2024 10:38:44 AM	119.5	119.8
CCV24074	CV-24074	8/7/2024 10:49:44 AM	101.9	101.8
CHH2167W	H-2167W	8/7/2024 10:56:10 AM	107.9	108.0
CCV24073	CV-24073	8/7/2024 11:04:29 AM	131.8	131.9
CCV24073	CV-24073	8/7/2024 11:05:02 AM	131.5	131.6
CCV24151	CV-24151	8/7/2024 11:10:11 AM	117.1	117.3
CHWCV74R	CV-74R	8/7/2024 11:13:36 AM	111.1	111.2
CCV24156	CV-24156	8/7/2024 11:24:07 AM	124.3	124.0
CHISW072	SW-72	8/7/2024 11:32:46 AM	101.9	110.5
CHIWP036	P-36	8/7/2024 11:41:02 AM	116.8	116.9
CCV24084	CV-24084	8/7/2024 11:45:35 AM	124.1	124.1
CHCV2315	CV-2315	8/7/2024 12:47:14 PM	156.5	156.5
CCV24038	CV-24038	8/7/2024 12:59:12 PM	176.1	177.2
CHH2164B	H-2164B	8/7/2024 1:19:32 PM	134.3	134.3
CCV24035	CV-24035	8/7/2024 1:34:15 PM	192.9	192.9
CHIWP037	P-37	8/7/2024 1:42:38 PM	109.2	109.3
CHIP38RD	P-38RD	8/7/2024 1:49:26 PM	108.4	108.4
CCV24024	CV-24024-PLR	8/7/2024 1:51:33 PM	168.2	168.8
CHIP38RS	P-38RS	8/7/2024 1:55:11 PM	109.7	109.7
CHCV2333	CV-2333	8/7/2024 1:59:03 PM	134.8	134.8
CHCV2333	CV-2333	8/7/2024 2:00:26 PM	134.8	134.8
CHIWP039	P-39	8/7/2024 2:01:56 PM	107.1	107.7
CHH1803N	H-1803N	8/7/2024 2:05:35 PM	182.2	182.1
CCV24042	CV-24042	8/7/2024 2:06:20 PM	179.1	179.4
CCV24042	CV-24042	8/7/2024 2:07:52 PM	180.4	180.5
CHH1952N	H-1952N	8/7/2024 2:13:38 PM	132.8	132.5

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWP041	P-41	8/7/2024 2:14:22 PM	115.1	115.2
CHH1952N	H-1952N	8/7/2024 2:14:31 PM	132.6	132.8
CHIWP42R	P-42R	8/7/2024 2:24:22 PM	117.3	117.3
CHIWP043	P-43	8/7/2024 2:28:07 PM	114.4	114.5
CHIP45RS	P-45RS	8/7/2024 2:33:12 PM	122.4	122.4
CHIP45RD	P-45RD	8/7/2024 2:39:07 PM	113.5	114.1
CCV24029	CV-24029	8/7/2024 2:51:34 PM	108.2	106.9
CHIP45RD	P-45RD	8/7/2024 2:55:32 PM	117.7	117.7
CCV24029	CV-24029	8/7/2024 2:58:12 PM	107.6	N/A
CHIP46RS	P-46RS	8/7/2024 2:58:50 PM	114.2	114.2
CCV24030	CV-24030	8/7/2024 3:04:41 PM	132.2	130.0
CHIP46RS	P-46RS	8/7/2024 3:04:44 PM	123.5	123.5
CCV24030	CV-24030	8/7/2024 3:06:10 PM	134.6	131.3
CHIP46RD	P-46RD	8/7/2024 3:11:53 PM	113.2	115.2
CHH1773A	H-1773A	8/7/2024 3:14:08 PM	143.6	144.8
CHH1773A	H-1773A	8/7/2024 3:15:14 PM	143.1	144.3
CHIWP047	P-47	8/7/2024 3:25:33 PM	120.7	120.7
CHWCV113	CV-113	8/7/2024 3:26:05 PM	120.3	122.6
CHWCV113	CV-113	8/7/2024 3:27:53 PM	125.7	126.1
CCV24023	CV-24023	8/7/2024 3:35:57 PM	113.0	113.0
CHIWP071	P-71	8/7/2024 3:44:14 PM	115.4	115.4
CHIP49RS	P-49RS	8/7/2024 3:50:02 PM	116.8	116.8
CHIP49RD	P-49RD	8/7/2024 3:52:52 PM	118.2	118.3
CHISW068	SW-68	8/8/2024 5:09:40 AM	74.7	N/A
CHISW032	SW-32	8/8/2024 5:13:27 AM	63.4	63.2
CHISW064	SW-64	8/8/2024 5:17:54 AM	64.5	64.6
CHISW030	SW-30	8/8/2024 5:22:53 AM	68.6	68.9
CHISW007	SW-7	8/8/2024 5:41:41 AM	71.6	71.7
CHISW025	SW-25	8/8/2024 5:46:40 AM	66.4	66.4
CHSW1930	SW-1930	8/8/2024 5:51:48 AM	61.5	61.5
CHISW154	SW-154	8/8/2024 10:46:36 AM	102.8	102.9
CHISW066	SW-66	8/8/2024 10:49:16 AM	94.8	94.5
CHIWH003	H-03 (EXP-03)	8/8/2024 10:54:23 AM	117.7	117.7
CHIWC020	C-20	8/8/2024 11:01:37 AM	112.9	113.2
CHIWC025	C-25	8/8/2024 11:12:57 AM	122.4	122.4
CHIWC025	C-25	8/8/2024 11:14:25 AM	122.6	122.6
CHH2171B	H-2171B	8/8/2024 11:31:50 AM	114.9	114.9
CHH2171A	H-2171A	8/8/2024 11:42:45 AM	106.2	106.3
CCV24133	CV-24133	8/8/2024 11:48:41 AM	102.9	102.8
CCV24133	CV-24133	8/8/2024 11:50:05 AM	102.7	102.7
CHIWH029	H-29	8/8/2024 1:04:30 PM	128.7	128.6
CHH2171S	H-2171S	8/8/2024 1:09:00 PM	120.1	120.1
CHH2170N	H-2170N	8/8/2024 1:11:47 PM	116.4	116.3
CHH2304S	H-2304S	8/8/2024 1:37:26 PM	122.5	122.5
CHH2305S	H-2305S	8/8/2024 1:51:56 PM	121.0	121.0

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWB010	B-10	8/8/2024 1:52:11 PM	93.4	93.3
CHIWB009	B-09	8/8/2024 1:57:15 PM	97.4	97.4
CHIWB07R	B-07R	8/8/2024 2:04:22 PM	102.3	102.3
CHIWB013	B-13	8/8/2024 2:09:49 PM	93.0	93.0
CHIWB011	B-11	8/8/2024 2:32:34 PM	112.8	112.9
CHIWB014	B-14	8/8/2024 2:36:40 PM	109.4	109.5
CHH2306S	H-2306S	8/8/2024 2:44:21 PM	114.7	114.7
CHH2306N	H-2306N	8/8/2024 2:56:47 PM	105.9	106.0
CHIWP061	P-61	8/8/2024 3:21:36 PM	93.2	93.2
CHIWP60R	P-60R	8/8/2024 3:25:36 PM	101.2	101.2
CHIWP075	P-75	8/8/2024 3:30:58 PM	96.3	96.3
CHIWP065	P-65	8/8/2024 3:34:45 PM	91.9	91.9
CHISW068	SW-68	8/9/2024 5:15:22 AM	77.6	77.7
CHISW032	SW-32	8/9/2024 5:19:30 AM	71.0	71.1
CHISW064	SW-64	8/9/2024 5:23:19 AM	67.7	67.8
CHISW030	SW-30	8/9/2024 5:26:53 AM	72.0	72.1
CHISW025	SW-25	8/9/2024 5:50:21 AM	70.8	70.8
CHISW007	SW-7	8/9/2024 5:54:12 AM	75.3	75.4
CHSW1930	SW-1930	8/9/2024 6:02:17 AM	65.3	65.3
CHIWP076	P-76	8/9/2024 8:11:51 AM	84.0	84.0
CHIP44RS	P-44RS	8/9/2024 8:20:10 AM	120.1	120.3
CHIP44RD	P-44RD	8/9/2024 8:20:55 AM	94.5	94.2
CHIWP048	P-48	8/9/2024 8:28:06 AM	129.1	129.1
CHIWP07R	P-07R	8/9/2024 8:34:02 AM	90.3	90.4
CHISW020	SW-20	8/9/2024 8:37:03 AM	83.7	83.8
CHISW020	SW-20	8/9/2024 8:38:17 AM	83.9	84.0
CHIWP019	P-19	8/9/2024 8:56:17 AM	88.9	88.9
CHIWP079	P-79	8/9/2024 9:09:34 AM	97.0	97.0
CHIWP056	P-56	8/9/2024 9:33:12 AM	114.9	114.9
CHIWP057	P-57	8/9/2024 9:33:58 AM	93.1	93.1
CHIWP055	P-55	8/9/2024 9:37:44 AM	103.0	103.0
CHIWP054	P-54	8/9/2024 9:38:07 AM	105.0	105.0
CHIWP053	P-53	8/9/2024 9:42:55 AM	116.2	116.3
CHIWP052	P-52	8/9/2024 9:43:56 AM	117.6	117.5
CHIWP034	P-34	8/9/2024 10:27:46 AM	121.2	121.1
CHIWP034	P-34	8/9/2024 10:35:15 AM	120.9	121.0
CCV24012	CV-24012	8/9/2024 11:52:39 AM	135.6	135.6
CCV24012	CV-24012	8/9/2024 11:56:39 AM	135.2	135.1
CHIWCV06	CV-06	8/9/2024 12:49:03 PM	101.7	102.3
CHIWCV07	CV-07	8/9/2024 1:07:30 PM	102.6	103.2
CHIWCV08	CV-08	8/9/2024 1:18:59 PM	117.3	115.7
CHIWCV09	CV-09	8/9/2024 1:37:46 PM	123.0	123.1
CHCV1606	CV-1606	8/9/2024 1:51:16 PM	117.0	117.4
CCV24082	CV-24082	8/9/2024 1:55:43 PM	104.3	104.0
CCV24082	CV-24082	8/9/2024 1:56:41 PM	104.5	104.5

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24094	CV-24094	8/9/2024 2:24:50 PM	121.4	121.3
CCV24094	CV-24094	8/9/2024 2:25:39 PM	121.3	121.3
CHCV2305	CV-2305	8/9/2024 2:44:22 PM	127.6	127.1
CHCV2305	CV-2305	8/9/2024 2:46:00 PM	127.8	127.8
CHIWH004	H-04 (EXP-04)	8/9/2024 3:16:55 PM	129.0	128.7
CHIWH004	H-04 (EXP-04)	8/9/2024 3:18:01 PM	128.2	128.4
CCV24087	CV-24087	8/10/2024 9:24:44 AM	109.0	108.7
CCV24006	CV-24006	8/10/2024 9:37:19 AM	125.4	125.7
CCV24040	CV-24040	8/10/2024 10:26:23 AM	101.0	101.0
CCV24040	CV-24040	8/10/2024 10:27:13 AM	101.3	101.3
CCV24037	CV-24037	8/10/2024 10:36:54 AM	132.1	131.6
CCV24037	CV-24037	8/10/2024 10:39:10 AM	131.9	131.9
CCV24016	CV-24016	8/10/2024 10:48:09 AM	125.9	125.8
CCV24016	CV-24016	8/10/2024 10:49:59 AM	125.7	126.0
CCV24020	CV-24020	8/10/2024 10:56:50 AM	111.9	112.3
CCV24020	CV-24020	8/10/2024 10:57:42 AM	112.4	112.4
CHIWC026	C-26	8/10/2024 11:56:02 AM	126.0	119.0
CHIWD005	D-05	8/10/2024 1:14:23 PM	120.4	122.0
CHIWD002	D-02	8/10/2024 1:24:35 PM	107.5	107.7
CHIWD003	D-03	8/10/2024 1:27:03 PM	108.0	107.9
CHIWD004	D-04	8/10/2024 1:30:27 PM	105.8	105.7
CHIWVL02	VL-02	8/10/2024 1:38:09 PM	107.8	107.8
CCV24159	CV-24159	8/10/2024 2:08:22 PM	108.8	108.9
CCV24160	CV-24160	8/10/2024 2:16:27 PM	111.9	111.8
CCV24092	CV-24092	8/10/2024 2:25:45 PM	107.1	107.1
CCV24166	CV-24166	8/10/2024 2:31:35 PM	111.5	111.5
CHH1762N	H-1762N	8/10/2024 2:36:22 PM	107.0	107.6
CHH1408E	H-1408E	8/10/2024 2:39:37 PM	123.2	123.2
CHH1568N	H-1568N	8/10/2024 2:42:08 PM	110.3	111.0
CCV24168	CV-24168	8/10/2024 2:45:38 PM	113.3	113.3
CCV24165	CV-24165	8/10/2024 2:48:06 PM	114.1	114.2
CHH1565E	H-1565E	8/10/2024 2:50:32 PM	105.0	105.1
CHH2057E	H-2057E	8/11/2024 10:52:07 AM	129.0	128.9
CHH1967E	H-1967E	8/11/2024 11:04:57 AM	104.9	105.3
CHIWD010	D-10	8/11/2024 11:17:59 AM	101.2	97.8
CHH2053E	H-2053E	8/11/2024 11:23:58 AM	126.1	126.3
CHCV1426	CV-1426	8/12/2024 10:22:12 AM	109.4	109.4
CCV1902A	CV-1902A	8/12/2024 10:22:42 AM	182.3	182.1
CHH2167A	H-2167A	8/12/2024 10:26:49 AM	107.7	107.7
CCV1902A	CV-1902A	8/12/2024 10:29:20 AM	186.1	185.8
CHCV2203	CV-2203-PLR	8/12/2024 10:36:40 AM	187.4	187.4
CHCV2310	CV-2310-PLR	8/12/2024 10:50:34 AM	194.3	194.6
CHCV2314	CV-2314	8/12/2024 10:57:31 AM	127.9	128.1
CHCV2201	CV-2201-PLR	8/12/2024 11:01:08 AM	189.4	189.4
CCV24152	CV-24152	8/12/2024 11:06:13 AM	116.4	116.4

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV1605	CV-1605	8/12/2024 11:52:07 AM	102.3	102.2
CHH2164E	H-2164E	8/12/2024 12:00:35 PM	111.4	120.7
CHCV2204	CV-2204-PLR	8/12/2024 12:44:26 PM	182.5	183.3
CHCV2306	CV-2306	8/12/2024 12:53:58 PM	186.0	186.0
CHCV2206	CV-2206-PLR	8/12/2024 1:02:23 PM	197.1	197.0
CHCV2308	CV-2308-PLR	8/12/2024 1:12:13 PM	155.1	155.6
CHCV2202	CV-2202	8/12/2024 1:20:40 PM	194.9	194.9
CHCV2315	CV-2315	8/12/2024 1:39:04 PM	148.4	148.4
CHH1965S	H-1965S	8/12/2024 2:15:01 PM	104.4	104.5
CHH1760S	H-1760S	8/12/2024 2:15:28 PM	107.6	107.6
CCV24088	CV-24088	8/12/2024 2:24:18 PM	118.7	118.6
CCV24059	CV-24059	8/12/2024 2:45:04 PM	123.9	124.0
CCV24058	CV-24058	8/12/2024 2:51:31 PM	106.8	106.8
CCV24069	CV-24069	8/12/2024 2:53:42 PM	113.2	112.9
CCV24081	CV-24081	8/12/2024 2:55:50 PM	113.0	113.1
CCV24081	CV-24081	8/12/2024 2:57:04 PM	113.0	112.9
CCV24068	CV-24068	8/12/2024 2:59:12 PM	126.0	125.9
CCV24068	CV-24068	8/12/2024 3:01:17 PM	126.2	126.2
CCV24069	CV-24069	8/12/2024 3:03:44 PM	162.1	161.3
CCV24069	CV-24069	8/12/2024 3:04:39 PM	161.1	161.1
CHH1802S	H-1802S	8/12/2024 3:44:18 PM	129.6	125.2
CHWCV79R	CV-79R	8/12/2024 3:57:23 PM	128.9	128.6
CCV24163	CV-24163	8/12/2024 4:14:45 PM	125.1	129.9
CHH1956S	H-1956S	8/12/2024 4:29:37 PM	122.7	122.7
CHH1802N	H-1802N	8/12/2024 4:34:03 PM	103.4	103.4
CHH1802N	H-1802N	8/12/2024 4:35:53 PM	102.2	102.5
CHH2276A	H-2276A	8/12/2024 4:59:49 PM	105.5	106.6
CCV24175	CV-24175	8/12/2024 4:59:55 PM	111.1	111.1
CHH2307S	H-2307S	8/12/2024 5:22:39 PM	103.5	103.6
CHISW032	SW-32	8/13/2024 5:30:49 AM	70.5	70.5
CHISW068	SW-68	8/13/2024 5:33:38 AM	78.1	78.6
CHISW030	SW-30	8/13/2024 5:36:46 AM	72.9	73.0
CHISW064	SW-64	8/13/2024 5:40:08 AM	69.6	69.5
CCV24139	CV-24139	8/13/2024 5:56:15 AM	140.3	140.4
CCV24140	CV-24140	8/13/2024 6:01:01 AM	151.3	151.3
CHISW007	SW-7	8/13/2024 6:05:23 AM	73.8	73.8
CHISW025	SW-25	8/13/2024 6:08:49 AM	69.2	68.8
CCV24142	CV-24142	8/13/2024 6:11:31 AM	153.6	154.5
CHSW1930	SW-1930	8/13/2024 6:15:32 AM	65.2	65.2
CHCV2353	CV-2353-PLR	8/13/2024 6:24:03 AM	153.0	N/A
CCV2342A	CV-2342A-PLR	8/13/2024 6:37:47 AM	186.7	188.0
CHCV2354	CV-2354	8/13/2024 6:55:08 AM	129.2	129.0
CCV24172	CV-24172	8/13/2024 8:38:30 AM	104.5	104.5
CCV24173	CV-24173	8/13/2024 8:57:32 AM	102.4	102.3
CCV24173	CV-24173	8/13/2024 8:59:43 AM	103.4	103.5

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24090	CV-24090	8/13/2024 9:12:28 AM	94.4	94.3
CCV24090	CV-24090	8/13/2024 9:13:59 AM	94.4	94.5
CCV24174	CV-24174	8/13/2024 9:20:21 AM	87.7	87.8
CCV24007	CV-24007	8/13/2024 9:44:16 AM	152.9	153.2
CCV24007	CV-24007	8/13/2024 9:47:12 AM	153.3	152.9
CHCV2311	CV-2311	8/13/2024 9:53:36 AM	129.1	129.2
CCV24008	CV-24008	8/13/2024 9:58:49 AM	120.7	120.7
CHH1770N	H-1770N	8/13/2024 10:06:00 AM	118.5	118.4
CHH1774N	H-1774N	8/13/2024 10:09:24 AM	111.7	111.7
CCV24001	CV-24001	8/13/2024 10:12:01 AM	111.5	111.7
CHH1966N	H-1966N	8/13/2024 10:18:02 AM	115.6	115.6
CCV24002	CV-24002	8/13/2024 10:20:53 AM	108.1	108.2
CCV24003	CV-24003	8/13/2024 10:35:25 AM	110.4	110.5
CCV24004	CV-24004	8/13/2024 10:40:44 AM	110.6	110.6
CHH1769N	H-1769N	8/13/2024 10:45:30 AM	103.9	104.0
CHH1963N	H-1963N	8/13/2024 10:53:44 AM	139.8	139.8
CHTC2174	TC-2174	8/13/2024 11:07:11 AM	148.1	148.5
CCV24024	CV-24024-PLR	8/13/2024 11:16:22 AM	168.1	168.1
CHH1803N	H-1803N	8/13/2024 11:25:00 AM	182.1	182.2
CHH1963N	H-1963N	8/13/2024 11:28:57 AM	138.0	138.0
CCV24022	CV-24022-PLR	8/13/2024 11:37:42 AM	157.7	158.6
CCV24007	CV-24007	8/13/2024 11:50:16 AM	154.8	154.9
CCV24018	CV-24018	8/13/2024 12:01:40 PM	146.0	146.4
CCV24019	CV-24019	8/13/2024 12:13:18 PM	140.2	139.4
CCV24019	CV-24019	8/13/2024 12:15:11 PM	140.1	140.5
CCV24033	CV-24033	8/13/2024 12:21:26 PM	146.1	146.2
CCV24032	CV-24032	8/13/2024 12:26:51 PM	150.3	150.8
CCV24069	CV-24069	8/13/2024 12:41:06 PM	155.1	155.4
CCV24038	CV-24038	8/13/2024 12:50:48 PM	174.5	175.6
CCV24042	CV-24042	8/13/2024 1:03:48 PM	151.6	151.6
CCV24009	CV-24009	8/13/2024 2:19:30 PM	123.0	123.1
CCV24013	CV-24013	8/13/2024 2:40:00 PM	138.3	136.8
CCV24013	CV-24013	8/13/2024 2:56:01 PM	136.7	140.0
CCV24014	CV-24014	8/13/2024 3:03:02 PM	126.6	126.8
CCV24010	CV-24010	8/13/2024 3:06:42 PM	110.6	110.7
CHISW068	SW-68	8/14/2024 5:07:41 AM	76.5	77.1
CHISW032	SW-32	8/14/2024 5:12:19 AM	71.0	71.0
CHISW064	SW-64	8/14/2024 5:16:38 AM	67.2	67.0
CHISW030	SW-30	8/14/2024 5:19:36 AM	71.1	71.1
CHISW025	SW-25	8/14/2024 5:40:01 AM	67.5	67.6
CHISW007	SW-7	8/14/2024 5:43:27 AM	73.3	73.5
CHSW1930	SW-1930	8/14/2024 5:52:29 AM	63.1	63.0
CHSW1445	SW-1445	8/14/2024 8:40:05 AM	91.1	91.4
CHSW1445	SW-1445	8/14/2024 8:40:42 AM	91.3	91.3
CSW17135	SW-17-135	8/14/2024 8:45:31 AM	86.9	87.5

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHSW1455	SW-1455	8/14/2024 8:51:37 AM	N/A	92.2
CHSW1455	SW-1455	8/14/2024 8:52:16 AM	92.3	92.4
CHH2161W	H-2161W	8/14/2024 9:25:42 AM	110.3	111.2
CHH2059W	H-2059W	8/14/2024 9:34:31 AM	120.1	119.9
CHH1408W	H-1408W	8/14/2024 9:44:27 AM	102.5	102.6
CHH2163W	H-2163W	8/14/2024 9:48:15 AM	113.6	113.6
CCV24035	CV-24035	8/14/2024 9:49:24 AM	202.1	202.7
CCV24189	CV-24189	8/14/2024 9:54:59 AM	117.9	118.0
CCV24188	CV-24188	8/14/2024 10:01:36 AM	115.2	112.6
CHH2054W	H-2054W	8/14/2024 10:07:57 AM	112.7	112.7
CCV24036	CV-24036	8/14/2024 10:16:16 AM	151.1	151.0
CHIH1575	H-1575	8/14/2024 10:24:29 AM	101.7	102.8
CSC2001W	SC-2001W	8/14/2024 10:33:05 AM	98.5	99.0
CCV24070	CV-24070	8/14/2024 10:58:36 AM	127.5	128.2
CCV24070	CV-24070	8/14/2024 11:01:09 AM	128.3	128.3
CHIH101W	H-101W	8/14/2024 11:22:45 AM	101.9	102.4
CHIH101W	H-101W	8/14/2024 11:25:39 AM	102.8	103.0
CHH2053W	H-2053W	8/14/2024 11:35:00 AM	105.6	104.5
CHWH102A	H-102A	8/14/2024 12:03:42 PM	98.5	98.6
CHH1401W	H-1401W	8/14/2024 12:07:05 PM	95.1	95.1
CHH1403W	H-1403W	8/14/2024 1:26:09 PM	96.1	96.8
CHH2057W	H-2057W	8/14/2024 1:51:25 PM	105.6	105.3
CHH2057W	H-2057W	8/14/2024 1:58:52 PM	105.6	105.5
CHH2058W	H-2058W	8/14/2024 2:04:20 PM	107.0	107.1
CHH2058W	H-2058W	8/14/2024 2:05:40 PM	107.1	107.1
CHH2056W	H-2056W	8/14/2024 2:09:03 PM	100.5	100.4
CHH2056W	H-2056W	8/14/2024 2:10:23 PM	100.5	100.5
CHH2051W	H-2051W	8/14/2024 2:28:28 PM	97.0	97.0
CHH2051W	H-2051W	8/14/2024 2:29:50 PM	97.0	97.0
CHH2053W	H-2053W	8/14/2024 2:37:00 PM	98.5	98.4
CHH2053W	H-2053W	8/14/2024 2:37:43 PM	98.5	98.5
CHCV2327	CV-2327	8/14/2024 2:47:11 PM	162.7	162.8
CHCV2328	CV-2328	8/14/2024 2:58:29 PM	153.4	153.3
CHH1406W	H-1406W	8/14/2024 3:25:48 PM	105.6	105.9
CCV24145	CV-24145	8/14/2024 3:33:34 PM	126.5	125.1
CHH1755S	H-1755S	8/14/2024 3:43:48 PM	103.5	103.6
CCV24048	CV-24048	8/14/2024 3:52:41 PM	98.7	99.4
CCV24054	CV-24054	8/14/2024 3:58:15 PM	112.0	109.2
CCV24148	CV-24148	8/14/2024 4:06:48 PM	114.3	110.3
CCV24153	CV-24153	8/14/2024 4:22:21 PM	102.2	100.2
CCV24153	CV-24153	8/14/2024 4:25:29 PM	101.6	101.7
CCV24154	CV-24154	8/14/2024 4:32:05 PM	102.4	102.7
CCV24154	CV-24154	8/14/2024 4:37:38 PM	102.3	102.2
CCV24157	CV-24157	8/14/2024 4:47:43 PM	105.2	110.2
CCV24157	CV-24157	8/14/2024 4:48:57 PM	111.3	111.1

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24169	CV-24169	8/14/2024 4:59:52 PM	101.1	101.3
CCV24169	CV-24169	8/14/2024 5:02:18 PM	101.3	101.3
CCV24141	CV-24141	8/14/2024 5:20:14 PM	109.0	104.5
CHISW068	SW-68	8/15/2024 5:13:14 AM	80.1	80.4
CHISW032	SW-32	8/15/2024 5:33:03 AM	70.9	70.9
CHISW064	SW-64	8/15/2024 5:37:55 AM	71.7	70.8
CHISW007	SW-7	8/15/2024 5:46:43 AM	67.9	67.7
CHISW025	SW-25	8/15/2024 5:50:33 AM	66.5	66.8
CHSW1930	SW-1930	8/15/2024 5:55:32 AM	67.0	66.5
CHCV2004	CV-2004	8/15/2024 5:58:12 AM	166.0	166.0
CHCV2339	CV-2339	8/15/2024 6:10:27 AM	177.1	177.0
CHCV2338	CV-2338	8/15/2024 6:27:36 AM	154.5	154.6
CCV1534A	CV-1534A-PLR	8/15/2024 6:43:24 AM	166.4	168.5
CHH1962N	H-1962N	8/15/2024 7:02:44 AM	172.0	172.0
CCV24076	CV-24076	8/15/2024 10:33:54 AM	115.4	115.3
CCV24072	CV-24072	8/15/2024 2:12:08 PM	113.5	114.1
CCV24072	CV-24072	8/15/2024 2:13:40 PM	114.2	114.2
CCV24083	CV-24083	8/15/2024 2:21:29 PM	123.5	123.9
CCV24083	CV-24083	8/15/2024 2:22:56 PM	123.8	123.8
CHISW068	SW-68	8/16/2024 5:55:17 AM	78.8	78.9
CHISW032	SW-32	8/16/2024 5:58:47 AM	70.6	70.6
CHISW064	SW-64	8/16/2024 6:01:24 AM	68.2	67.7
CHISW064	SW-64	8/16/2024 6:04:13 AM	65.1	65.0
CHISW030	SW-30	8/16/2024 6:07:13 AM	67.3	67.2
CHISW025	SW-25	8/16/2024 6:15:16 AM	64.6	64.5
CHISW007	SW-7	8/16/2024 6:19:19 AM	66.5	66.5
CCV24036	CV-24036	8/16/2024 11:50:19 AM	99.6	99.5
CCV24036	CV-24036	8/16/2024 11:52:05 AM	99.6	99.5
CHIWP004	P-04	8/16/2024 11:56:45 AM	104.4	104.3
CHIWP005	P-05	8/16/2024 12:09:02 PM	106.6	106.8
CCV24119	CV-24119	8/16/2024 1:12:10 PM	106.6	111.3
CHICV33S	CV-33S	8/16/2024 1:26:03 PM	126.0	126.0
CCV24162	CV-24162	8/16/2024 2:03:40 PM	109.8	109.8
CHH1572N	H-1572N	8/16/2024 2:13:45 PM	132.4	133.1
CHH1572N	H-1572N	8/16/2024 2:16:22 PM	133.1	131.8
CHH2276E	H-2276E	8/16/2024 2:29:22 PM	118.1	119.0
CHH1805S	H-1805S	8/16/2024 2:36:19 PM	132.0	132.0
CHH1805S	H-1805S	8/16/2024 2:38:17 PM	132.0	132.2
CCV24167	CV-24167	8/16/2024 5:03:03 PM	113.5	113.5
CCV24207	CV-24207	8/16/2024 5:20:26 PM	122.0	122.1
CCV24164	CV-24164	8/16/2024 5:27:57 PM	110.9	111.1
CCV24155	CV-24155	8/16/2024 5:42:06 PM	111.0	110.9
CHISW068	SW-68	8/19/2024 5:35:03 AM	76.1	75.9
CHISW032	SW-32	8/19/2024 5:39:23 AM	70.8	70.8
CHISW064	SW-64	8/19/2024 5:42:57 AM	66.0	65.7

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW030	SW-30	8/19/2024 5:46:52 AM	70.2	70.3
CHISW007	SW-7	8/19/2024 6:04:53 AM	75.6	75.6
CHISW025	SW-25	8/19/2024 6:08:40 AM	66.5	66.5
CHSW1930	SW-1930	8/19/2024 6:13:25 AM	60.9	60.8
CHCV2010	CV-2010	8/19/2024 8:16:45 AM	130.0	128.4
CHCV2346	CV-2346	8/19/2024 8:54:08 AM	129.8	130.2
CHCV2345	CV-2345	8/19/2024 8:57:17 AM	123.1	124.0
CHCV2343	CV-2343	8/19/2024 9:04:38 AM	120.1	120.4
CHCV2347	CV-2347	8/19/2024 9:06:53 AM	122.6	122.8
CHCV1906	CV-1906	8/19/2024 9:29:19 AM	95.2	95.5
CHCV1906	CV-1906	8/19/2024 9:31:57 AM	96.3	97.1
CHH2168A	H-2168A	8/19/2024 9:38:06 AM	92.9	93.3
CHWCV103	CV-103	8/19/2024 9:53:04 AM	115.2	115.0
CHIWD009	D-09	8/19/2024 9:59:43 AM	115.6	115.6
CHH2273W	H-2273W	8/19/2024 10:02:18 AM	116.0	116.2
CHH2058E	H-2058E	8/19/2024 10:04:20 AM	121.8	121.8
CHH2160E	H-2160E	8/19/2024 10:36:57 AM	121.1	121.5
CHCV2341	CV-2341	8/19/2024 10:42:18 AM	163.5	163.5
CSC2000E	SC-2000E	8/19/2024 10:44:34 AM	115.8	115.8
CHCV2341	CV-2341	8/19/2024 10:44:58 AM	163.9	163.9
CHCV2350	CV-2350	8/19/2024 10:55:37 AM	109.8	110.2
CHCV2350	CV-2350	8/19/2024 10:58:43 AM	109.6	109.6
CHCV2337	CV-2337	8/19/2024 11:03:54 AM	142.2	142.2
CHCV2337	CV-2337	8/19/2024 11:10:30 AM	142.3	142.4
CHH2161E	H-2161E	8/19/2024 11:14:25 AM	119.4	119.4
CHCV2302	CV-2302	8/19/2024 11:23:49 AM	122.4	122.5
CHCV2302	CV-2302	8/19/2024 11:25:00 AM	122.7	122.6
CHH1401E	H-1401E	8/19/2024 11:36:02 AM	93.3	98.1
CHCV2301	CV-2301	8/19/2024 11:37:37 AM	122.5	122.5
CHH1401E	H-1401E	8/19/2024 11:38:34 AM	98.6	98.9
CHCV2301	CV-2301	8/19/2024 11:38:40 AM	96.6	96.7
CHH2059E	H-2059E	8/19/2024 11:45:45 AM	99.0	101.7
CHH2165E	H-2165E	8/19/2024 12:02:05 PM	123.3	123.3
CCV24071	CV-24071	8/19/2024 12:07:07 PM	106.1	105.6
CCV24116	CV-24116	8/19/2024 12:07:29 PM	116.7	116.8
CCV24062	CV-24062	8/19/2024 12:10:53 PM	130.2	130.2
CCV24071	CV-24071	8/19/2024 12:11:28 PM	105.5	105.7
CCV24203	CV-24203	8/19/2024 12:12:21 PM	122.0	122.0
CCV24062	CV-24062	8/19/2024 12:12:23 PM	127.5	127.5
CCV24071	CV-24071	8/19/2024 12:12:50 PM	105.0	104.7
CCV24203	CV-24203	8/19/2024 12:17:16 PM	120.3	120.2
CCV24205	CV-24205	8/19/2024 12:21:46 PM	116.7	116.7
CHCV1603	CV-1603	8/19/2024 12:26:31 PM	110.2	110.3
CHIWCV02	CV-02	8/19/2024 2:26:31 PM	130.4	129.7
CHH1967E	H-1967E	8/19/2024 3:15:05 PM	109.3	109.9

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24036	CV-24036	8/19/2024 3:25:21 PM	104.1	104.1
CHH1805B	H-1805B	8/19/2024 3:45:48 PM	104.4	103.7
CHCV2012	CV-2012	8/19/2024 3:58:23 PM	136.4	136.5
CHCV2012	CV-2012	8/19/2024 4:08:18 PM	136.5	136.7
CCV24133	CV-24133	8/19/2024 4:28:42 PM	109.3	109.5
CCV24133	CV-24133	8/19/2024 4:30:12 PM	110.4	110.5
CCV24139	CV-24139	8/19/2024 4:57:22 PM	162.2	161.9
CCV24139	CV-24139	8/19/2024 5:02:42 PM	161.9	161.7
CTC2383S	TC-2383S	8/19/2024 5:19:24 PM	110.5	110.5
CHISW068	SW-68	8/20/2024 5:43:19 AM	76.8	77.2
CHISW032	SW-32	8/20/2024 5:46:46 AM	69.0	69.0
CHISW030	SW-30	8/20/2024 5:49:11 AM	69.3	69.4
CHISW064	SW-64	8/20/2024 5:51:42 AM	65.7	65.6
CHISW007	SW-7	8/20/2024 6:11:45 AM	70.9	71.0
CHISW025	SW-25	8/20/2024 6:14:14 AM	63.3	63.3
CHSW1930	SW-1930	8/20/2024 6:18:24 AM	61.4	61.3
CCV24042	CV-24042	8/20/2024 7:43:40 AM	143.0	N/A
CCV24042	CV-24042	8/20/2024 7:45:07 AM	143.0	143.0
CHCV2206	CV-2206-PLR	8/20/2024 8:00:33 AM	197.4	197.3
CCV24022	CV-24022-PLR	8/20/2024 8:17:42 AM	187.6	187.7
CHCV2308	CV-2308-PLR	8/20/2024 8:26:55 AM	184.9	185.1
CHCV2201	CV-2201-PLR	8/20/2024 8:38:07 AM	183.0	183.0
CHIWH072	H-72	8/20/2024 8:43:19 AM	86.9	88.3
CHIWH072	H-72	8/20/2024 8:44:11 AM	88.3	88.2
CCV24158	CV-24158	8/20/2024 8:49:10 AM	118.4	118.6
CHCV2204	CV-2204-PLR	8/20/2024 8:56:12 AM	192.8	192.8
CHH1953S	H-1953S	8/20/2024 8:56:53 AM	111.4	111.0
CHH1955N	H-1955N	8/20/2024 9:09:04 AM	102.4	102.8
CHH1964S	H-1964S	8/20/2024 9:10:47 AM	105.2	105.4
CHCV1905	CV-1905	8/20/2024 9:12:54 AM	104.7	104.7
CHCV2310	CV-2310-PLR	8/20/2024 9:16:09 AM	194.5	194.8
CHWCV56D	CV-56D	8/20/2024 9:22:56 AM	109.3	109.2
CHCV2203	CV-2203-PLR	8/20/2024 9:28:04 AM	193.0	193.0
CHWCV56D	CV-56D	8/20/2024 9:36:27 AM	107.3	109.9
CCV24032	CV-24032	8/20/2024 9:50:59 AM	161.5	161.6
CHWCV56D	CV-56D	8/20/2024 9:54:01 AM	121.7	121.9
CHWCV56S	CV-56S	8/20/2024 9:58:02 AM	103.3	104.4
CCV24033	CV-24033	8/20/2024 10:01:17 AM	159.0	159.1
CHIWH079	H-79	8/20/2024 10:07:31 AM	127.1	126.0
CCV24053	CV-24053	8/20/2024 10:07:39 AM	108.8	109.9
CCV24018	CV-24018	8/20/2024 10:11:56 AM	148.2	148.4
CCV24052	CV-24052	8/20/2024 10:14:49 AM	117.8	118.3
CCV1701S	CV-1701S	8/20/2024 10:18:18 AM	145.7	145.7
CCV1701S	CV-1701S	8/20/2024 10:20:54 AM	145.8	145.8
CCV24017	CV-24017	8/20/2024 10:24:02 AM	156.9	157.2

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV1701D	CV-1701D	8/20/2024 10:25:29 AM	127.7	127.1
CCV24017	CV-24017	8/20/2024 10:26:06 AM	157.4	157.4
CCV24061	CV-24061	8/20/2024 10:32:31 AM	105.9	107.7
CCV24062	CV-24062	8/20/2024 10:34:55 AM	106.0	105.7
CHIWC17A	C-17A	8/20/2024 10:36:33 AM	110.4	109.4
CCV24212	CV-24212	8/20/2024 10:43:25 AM	107.0	107.1
CCV24053	CV-24053	8/20/2024 10:43:34 AM	122.9	98.9
CCV24045	CV-24045	8/20/2024 10:46:19 AM	122.9	122.8
CCV24212	CV-24212	8/20/2024 10:46:47 AM	107.4	107.4
CCV24015	CV-24015	8/20/2024 10:46:48 AM	141.5	141.1
CCV24015	CV-24015	8/20/2024 10:47:57 AM	141.4	141.1
CCV24028	CV-24028	8/20/2024 10:57:03 AM	189.6	189.3
CCV24028	CV-24028	8/20/2024 10:58:20 AM	189.8	189.4
CHH1754S	H-1754S	8/20/2024 10:59:15 AM	105.3	107.5
CCV24135	CV-24135	8/20/2024 11:03:23 AM	137.1	135.9
CHH1565C	H-1565C	8/20/2024 11:06:10 AM	120.1	120.1
CCV24135	CV-24135	8/20/2024 11:10:39 AM	135.9	136.2
CCV24011	CV-24011	8/20/2024 11:16:31 AM	132.7	132.7
CCV24011	CV-24011	8/20/2024 11:23:03 AM	132.8	132.6
CHCV1423	CV-1423	8/20/2024 11:26:31 AM	129.4	129.1
CHCV2326	CV-2326	8/20/2024 11:35:30 AM	132.6	132.6
CHCV2326	CV-2326	8/20/2024 11:37:07 AM	132.6	132.6
CCV24012	CV-24012	8/20/2024 11:42:00 AM	141.5	141.4
CCV24012	CV-24012	8/20/2024 11:44:28 AM	141.2	N/A
CHIWVL02	VL-02	8/20/2024 11:49:31 AM	108.6	107.4
CCV24086	CV-24086	8/20/2024 12:09:18 PM	120.0	119.3
CCV24080	CV-24080	8/20/2024 12:22:02 PM	123.3	122.6
CCV24080	CV-24080	8/20/2024 12:23:44 PM	122.0	122.0
CCV24170	CV-24170	8/20/2024 12:31:28 PM	125.0	125.0
CCV24170	CV-24170	8/20/2024 12:32:20 PM	125.0	124.9
CCV24035	CV-24035	8/20/2024 12:44:12 PM	193.0	193.0
CCV24024	CV-24024-PLR	8/20/2024 12:53:42 PM	181.1	181.4
CHH1803N	H-1803N	8/20/2024 1:11:29 PM	182.6	182.8
CHH1962N	H-1962N	8/20/2024 1:26:45 PM	172.0	172.0
CCV24033	CV-24033	8/20/2024 1:32:01 PM	155.1	155.1
CCV24033	CV-24033	8/20/2024 1:34:40 PM	155.3	155.3
CCV24037	CV-24037	8/20/2024 1:38:35 PM	130.4	129.8
CHCV2306	CV-2306	8/20/2024 1:40:26 PM	194.0	194.0
CHH1957S	H-1957S	8/20/2024 1:55:16 PM	103.6	103.6
CHH1801S	H-1801S	8/20/2024 1:59:33 PM	103.6	103.6
CHCV1425	CV-1425	8/20/2024 2:28:09 PM	103.6	N/A
CCV24064	CV-24064	8/20/2024 2:37:55 PM	103.6	103.6
CCV1701S	CV-1701S	8/20/2024 3:30:14 PM	137.5	136.4
CCV1701S	CV-1701S	8/20/2024 3:33:04 PM	136.5	135.8
CHIWC030	C-30	8/20/2024 4:18:24 PM	130.7	130.2

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW064	SW-64	8/21/2024 5:35:18 AM	69.9	70.3
CHISW030	SW-30	8/21/2024 5:38:46 AM	71.8	71.7
CHISW068	SW-68	8/21/2024 5:42:49 AM	76.4	76.5
CHISW030	SW-30	8/21/2024 5:49:42 AM	69.0	69.1
CHSW1930	SW-1930	8/21/2024 6:09:07 AM	66.3	66.0
CHISW007	SW-7	8/21/2024 6:12:32 AM	72.8	72.8
CHISW025	SW-25	8/21/2024 6:16:03 AM	67.2	67.3
CHISW187	SW-187	8/21/2024 6:30:16 AM	69.9	70.0
CHCV2315	CV-2315	8/21/2024 7:46:48 AM	156.8	156.8
CHCV2341	CV-2341	8/21/2024 8:15:23 AM	167.3	167.6
CCV24069	CV-24069	8/21/2024 8:26:38 AM	173.8	173.9
CHCV2327	CV-2327	8/21/2024 8:39:10 AM	163.6	163.6
CHCV2328	CV-2328	8/21/2024 8:51:15 AM	148.7	148.4
CCV24060	CV-24060	8/21/2024 9:09:13 AM	122.1	124.3
CHTC2174	TC-2174	8/21/2024 9:25:44 AM	148.0	148.0
CCV24064	CV-24064	8/21/2024 9:46:20 AM	104.4	103.9
CHH1770A	H-1770A	8/21/2024 9:49:39 AM	145.2	145.6
CHH1770A	H-1770A	8/21/2024 9:51:08 AM	151.9	152.5
CCV24025	CV-24025	8/21/2024 10:01:19 AM	102.6	102.8
CHH2303S	H-2303S	8/21/2024 10:44:08 AM	113.9	113.9
CHWCV49S	CV-49S	8/21/2024 10:49:27 AM	94.3	94.9
CHH2309S	H-2309S	8/21/2024 10:49:42 AM	109.0	109.0
CHWCV49S	CV-49S	8/21/2024 10:56:06 AM	98.3	101.1
CHCV2011	CV-2011	8/21/2024 11:28:27 AM	125.8	126.0
CCV24038	CV-24038	8/21/2024 11:33:29 AM	188.7	188.0
CCV24211	CV-24211	8/21/2024 11:44:01 AM	115.8	115.9
CHH1805S	H-1805S	8/21/2024 12:12:50 PM	129.5	129.9
CHH1805S	H-1805S	8/21/2024 12:14:15 PM	129.8	129.9
CHWCV55R	CV-55R	8/21/2024 12:14:30 PM	152.3	152.7
CCV24007	CV-24007	8/21/2024 12:38:27 PM	139.8	139.7
CHH1572N	H-1572N	8/21/2024 12:46:36 PM	129.7	130.5
CCV24073	CV-24073	8/21/2024 12:54:15 PM	96.3	96.5
CCV24062	CV-24062	8/21/2024 1:00:33 PM	128.4	129.2
CCV24075	CV-24075	8/21/2024 1:09:27 PM	130.8	130.8
CCV2208A	CV-2208A	8/21/2024 1:24:14 PM	129.6	129.0
CHH1954S	H-1954S	8/21/2024 2:16:24 PM	104.2	104.3
CHIWC027	C-27	8/21/2024 3:54:48 PM	105.2	105.2
CHIWB001	B-01	8/21/2024 4:21:47 PM	97.8	98.1
CCV24057	CV-24057	8/21/2024 4:39:30 PM	123.7	123.7
CCV24067	CV-24067	8/21/2024 4:46:14 PM	148.3	148.3
CCV24067	CV-24067	8/21/2024 4:49:23 PM	148.4	148.5
CCV24067	CV-24067	8/21/2024 4:52:41 PM	149.1	149.1
CCV24067	CV-24067	8/21/2024 4:53:58 PM	148.8	148.8
CHISW007	SW-7	8/22/2024 5:47:37 AM	71.8	71.9
CHISW025	SW-25	8/22/2024 5:53:51 AM	64.7	64.9

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHSW1930	SW-1930	8/22/2024 5:59:35 AM	58.2	58.2
CHISW064	SW-64	8/22/2024 6:13:00 AM	66.3	66.1
CHISW030	SW-30	8/22/2024 6:15:15 AM	70.4	70.3
CHISW068	SW-68	8/22/2024 6:19:28 AM	75.6	76.2
CHISW032	SW-32	8/22/2024 6:23:49 AM	63.6	63.6
CCV24140	CV-24140	8/22/2024 6:49:26 AM	165.6	169.2
CHCV2353	CV-2353-PLR	8/22/2024 6:56:37 AM	189.0	76.3
CHCV2004	CV-2004	8/22/2024 7:14:36 AM	166.0	61.5
CCV1534A	CV-1534A-PLR	8/22/2024 7:37:03 AM	194.1	193.9
CCV2342A	CV-2342A-PLR	8/22/2024 7:54:32 AM	195.9	195.8
CCV24142	CV-24142	8/22/2024 8:11:14 AM	179.5	179.6
CCV1902A	CV-1902A	8/22/2024 8:23:45 AM	187.3	187.1
CHCV2339	CV-2339	8/22/2024 8:31:04 AM	186.8	186.4
CHCV2338	CV-2338	8/22/2024 8:38:36 AM	183.4	183.0
CCV24061	CV-24061	8/22/2024 9:00:28 AM	106.8	107.0
CCV24061	CV-24061	8/22/2024 9:04:46 AM	106.5	106.0
CHCV2202	CV-2202	8/22/2024 9:14:53 AM	195.3	195.5
CCV24204	CV-24204	8/22/2024 12:09:35 PM	93.1	94.3
CHISW009	SW-9	8/22/2024 1:16:58 PM	93.9	93.9
CHIWH014	H-14 (EXP-14)	8/22/2024 1:26:04 PM	98.0	98.0
CHH2275C	H-2275C	8/22/2024 1:29:13 PM	107.5	107.5
CHIWH014	H-14 (EXP-14)	8/22/2024 1:34:34 PM	98.0	98.0
CHWCV113	CV-113	8/22/2024 2:01:34 PM	95.4	95.3
CHWCV113	CV-113	8/22/2024 2:09:50 PM	95.6	95.7
CHISW064	SW-64	8/23/2024 5:30:43 AM	65.8	66.1
CHISW030	SW-30	8/23/2024 5:32:56 AM	69.9	69.9
CHISW068	SW-68	8/23/2024 5:35:23 AM	74.5	74.6
CHISW032	SW-32	8/23/2024 5:37:27 AM	58.4	58.2
CHSW1930	SW-1930	8/23/2024 5:58:37 AM	56.2	56.1
CHISW007	SW-7	8/23/2024 6:02:38 AM	69.1	69.3
CHISW025	SW-25	8/23/2024 6:05:13 AM	62.1	62.4
CHH2274W	H-2274W	8/23/2024 6:17:51 AM	127.9	128.0
CCV24138	CV-24138	8/23/2024 6:26:26 AM	106.0	57.6
CHCV2336	CV-2336	8/23/2024 6:39:18 AM	103.0	103.0
CHISW070	SW-70	8/23/2024 6:47:17 AM	80.2	80.6
CHWCV113	CV-113	8/23/2024 9:17:51 AM	92.7	93.2
CHIWC025	C-25	8/23/2024 9:37:44 AM	117.6	117.6
CHH2275W	H-2275W	8/23/2024 9:52:24 AM	80.5	80.8
CCV24029	CV-24029	8/23/2024 10:11:57 AM	91.3	93.1
CCV24029	CV-24029	8/23/2024 10:15:09 AM	93.6	93.6
CCV24030	CV-24030	8/23/2024 10:15:09 AM	93.6	93.6
CCV24029	CV-24029	8/23/2024 10:21:08 AM	94.2	95.9
CCV24029	CV-24029	8/23/2024 10:23:15 AM	96.3	96.3
CHH2169W	H-2169W	8/23/2024 11:00:02 AM	92.6	92.8
CHH2169W	H-2169W	8/23/2024 11:16:49 AM	98.9	98.0

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24030	CV-24030	8/23/2024 11:28:24 AM	158.7	157.9
CCV24030	CV-24030	8/23/2024 11:30:59 AM	159.1	158.6
CHIWH051	H-51	8/23/2024 11:37:09 AM	91.3	91.2
CHIWH078	H-78	8/23/2024 11:49:51 AM	93.2	93.2
CHIWH77A	H-77A	8/23/2024 11:56:45 AM	88.8	88.5
CHIWH77A	H-77A	8/23/2024 11:57:36 AM	88.4	88.3
CHCV2322	CV-2322	8/23/2024 12:20:31 PM	197.0	197.0
CHCV2322	CV-2322	8/23/2024 12:22:42 PM	197.0	197.0
CHH1806B	H-1806B	8/23/2024 1:13:22 PM	110.5	110.4
CHIWA003	A-03	8/23/2024 2:11:43 PM	97.4	96.9
CHH1952S	H-1952S	8/23/2024 2:12:45 PM	107.7	108.4
CHIWC007	C-07	8/23/2024 2:24:34 PM	102.1	102.2
CCV24046	CV-24046	8/23/2024 2:42:39 PM	105.0	105.2
CCV24046	CV-24046	8/23/2024 2:44:57 PM	104.9	105.3
CHIWC003	C-03	8/24/2024 1:21:06 PM	94.1	93.8
CHH2169B	H-2169B	8/24/2024 1:32:09 PM	89.4	90.2
CHCV2304	CV-2304	8/24/2024 2:53:47 PM	108.0	108.0
CHCV2304	CV-2304	8/24/2024 2:58:15 PM	108.0	108.0
CHSW1930	SW-1930	8/26/2024 7:00:29 AM	61.4	61.4
CHISW010	SW-10	8/26/2024 7:06:16 AM	72.9	73.0
CHISW025	SW-25	8/26/2024 7:08:43 AM	68.6	68.8
CHISW064	SW-64	8/26/2024 7:13:37 AM	66.7	66.8
CHISW030	SW-30	8/26/2024 7:16:04 AM	71.5	71.5
CHISW068	SW-68	8/26/2024 7:18:06 AM	74.4	74.8
CHISW032	SW-32	8/26/2024 7:21:29 AM	75.8	76.0
CCV24150	CV-24150	8/26/2024 8:04:57 AM	78.5	79.6
CCV24176	CV-24176	8/26/2024 8:19:49 AM	105.6	103.7
CHH2301E	H-2301E	8/26/2024 9:51:31 AM	114.9	115.0
CHCV2305	CV-2305	8/26/2024 10:27:02 AM	97.3	97.4
CHCV2303	CV-2303	8/26/2024 10:39:32 AM	97.3	97.8
CCV24225	CV-24225	8/26/2024 10:47:20 AM	109.7	108.4
CCV24226	CV-24226	8/26/2024 11:11:59 AM	132.9	133.0
CCV24226	CV-24226	8/26/2024 11:14:01 AM	133.3	133.5
CCV24178	CV-24178	8/26/2024 11:31:28 AM	112.8	114.5
CCV24178	CV-24178	8/26/2024 11:32:33 AM	115.5	115.6
CHIWH060	H-60	8/26/2024 11:58:36 AM	92.3	92.4
CHIWH060	H-60	8/26/2024 11:59:15 AM	92.4	92.4
CHIWH052	H-52	8/26/2024 12:04:15 PM	92.8	93.9
CHH1767N	H-1767N	8/26/2024 1:15:57 PM	123.9	124.1
CCV24115	CV-24115	8/26/2024 2:09:30 PM	116.2	118.9
CHH1410S	H-1410S	8/26/2024 2:16:08 PM	101.6	104.6
CHH1763S	H-1763S	8/26/2024 2:21:29 PM	130.6	130.1
CCV24027	CV-24027	8/26/2024 2:38:53 PM	98.2	98.3
CCV24027	CV-24027	8/26/2024 2:41:43 PM	98.3	98.3
CHIWH023	H-23 (EXP-23)	8/26/2024 4:51:08 PM	100.7	100.7

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24097	CV-24097	8/26/2024 5:22:50 PM	101.6	101.6
CHCV2352	CV-2352	8/26/2024 5:36:28 PM	104.0	103.2
CHCV2352	CV-2352	8/26/2024 5:40:00 PM	104.1	104.2
CHH1771N	H-1771N	8/26/2024 6:04:04 PM	93.9	93.9
CHISW025	SW-25	8/27/2024 5:37:29 AM	74.9	74.9
CHISW007	SW-7	8/27/2024 5:40:47 AM	74.9	74.9
CHSW1930	SW-1930	8/27/2024 5:46:41 AM	74.9	74.9
CHISW068	SW-68	8/27/2024 5:58:22 AM	74.9	74.9
CHISW032	SW-32	8/27/2024 6:02:07 AM	74.9	74.9
CHISW064	SW-64	8/27/2024 6:04:50 AM	74.9	74.9
CHISW030	SW-30	8/27/2024 6:10:24 AM	74.9	74.9
CCV24035	CV-24035	8/27/2024 7:41:50 AM	193.0	N/A
CCV24024	CV-24024-PLR	8/27/2024 7:50:00 AM	166.3	166.2
CHH1803N	H-1803N	8/27/2024 8:02:10 AM	182.8	182.9
CHH1962N	H-1962N	8/27/2024 8:15:15 AM	173.0	173.0
CCV24018	CV-24018	8/27/2024 8:24:58 AM	146.0	146.0
CCV24081	CV-24081	8/27/2024 8:28:59 AM	137.9	137.9
CCV24033	CV-24033	8/27/2024 8:32:34 AM	154.2	154.2
CCV24032	CV-24032	8/27/2024 8:38:03 AM	145.0	145.4
CCV24081	CV-24081	8/27/2024 8:47:12 AM	138.0	137.4
CCV24073	CV-24073	8/27/2024 8:51:15 AM	110.1	110.0
CHCV2203	CV-2203-PLR	8/27/2024 8:54:41 AM	188.0	188.0
CHCV2310	CV-2310-PLR	8/27/2024 9:05:12 AM	198.0	198.0
CCV24090	CV-24090	8/27/2024 9:08:18 AM	91.0	91.0
CHCV2201	CV-2201-PLR	8/27/2024 9:17:54 AM	153.0	153.0
CCV24215	CV-24215	8/27/2024 9:32:50 AM	96.8	97.2
CCV24215	CV-24215	8/27/2024 9:35:25 AM	105.0	105.4
CCV24222	CV-24222	8/27/2024 9:45:53 AM	117.8	117.8
CCV24222	CV-24222	8/27/2024 9:48:42 AM	118.7	119.1
CCV24221	CV-24221	8/27/2024 9:58:16 AM	138.8	137.0
CHH2305N	H-2305N	8/27/2024 9:58:57 AM	97.0	97.5
CCV24221	CV-24221	8/27/2024 9:59:47 AM	137.0	137.0
CHH2303N	H-2303N	8/27/2024 10:04:02 AM	100.2	100.6
CHH2050E	H-2050E	8/27/2024 10:12:51 AM	128.5	128.5
CCV24068	CV-24068	8/27/2024 10:17:31 AM	122.5	122.4
CCV24068	CV-24068	8/27/2024 10:19:14 AM	122.4	122.7
CCV24208	CV-24208	8/27/2024 10:20:33 AM	124.9	125.0
CHH1967W	H-1967W	8/27/2024 10:28:36 AM	96.5	96.5
CHH1967W	H-1967W	8/27/2024 10:29:50 AM	96.5	96.5
CHWH102A	H-102A	8/27/2024 11:21:51 AM	98.7	93.0
CHCV2306	CV-2306	8/27/2024 11:22:14 AM	191.0	191.0
CHCV2206	CV-2206-PLR	8/27/2024 11:28:45 AM	197.7	197.5
CCV24022	CV-24022-PLR	8/27/2024 11:37:50 AM	176.1	175.8
CHCV2308	CV-2308-PLR	8/27/2024 11:48:04 AM	163.8	164.2
CHCV2328	CV-2328	8/27/2024 12:06:31 PM	152.1	152.7

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV2327	CV-2327	8/27/2024 12:19:14 PM	164.2	164.1
CHCV2204	CV-2204-PLR	8/27/2024 12:33:45 PM	188.1	187.3
CCV24169	CV-24169	8/27/2024 12:58:21 PM	115.0	115.1
CCV24153	CV-24153	8/27/2024 1:13:09 PM	102.8	102.8
CCV24153	CV-24153	8/27/2024 1:16:07 PM	102.9	103.0
CCV24115	CV-24115	8/27/2024 1:21:20 PM	119.4	119.7
CCV24154	CV-24154	8/27/2024 1:25:32 PM	101.9	102.1
CCV24115	CV-24115	8/27/2024 1:25:56 PM	119.9	120.0
CCV24154	CV-24154	8/27/2024 1:26:55 PM	102.3	102.3
CHH2051W	H-2051W	8/27/2024 1:49:08 PM	97.4	97.5
CHIH101W	H-101W	8/27/2024 2:03:28 PM	103.0	103.3
CHH2057W	H-2057W	8/27/2024 2:17:10 PM	105.4	105.4
CHISW064	SW-64	8/28/2024 6:20:38 AM	65.1	65.2
CCV24140	CV-24140	8/28/2024 6:24:40 AM	154.3	154.3
CHISW030	SW-30	8/28/2024 6:24:46 AM	70.3	70.8
CHISW068	SW-68	8/28/2024 6:27:55 AM	75.9	76.6
CHISW032	SW-32	8/28/2024 6:31:13 AM	67.7	67.7
CHCV2353	CV-2353-PLR	8/28/2024 6:31:54 AM	160.0	160.0
CCV2342A	CV-2342A-PLR	8/28/2024 6:37:11 AM	193.2	193.4
CHCV2004	CV-2004	8/28/2024 6:45:15 AM	166.0	69.4
CHISW025	SW-25	8/28/2024 6:45:31 AM	65.0	65.0
CHISW007	SW-7	8/28/2024 6:48:58 AM	70.6	70.8
CHSW1930	SW-1930	8/28/2024 6:53:35 AM	59.1	58.5
CCV1534A	CV-1534A-PLR	8/28/2024 6:53:57 AM	184.2	183.9
CHCV2341	CV-2341	8/28/2024 7:02:24 AM	151.1	151.3
CHCV2339	CV-2339	8/28/2024 7:12:14 AM	179.4	181.1
CCV1902A	CV-1902A	8/28/2024 7:21:45 AM	178.0	178.0
CHCV2338	CV-2338	8/28/2024 7:33:56 AM	152.1	152.1
CHCV2303	CV-2303	8/28/2024 11:40:17 AM	189.0	189.0
CHCV2303	CV-2303	8/28/2024 11:41:57 AM	189.0	189.0
CCV1532A	CV-1532A	8/28/2024 11:50:20 AM	92.0	92.0
CHCV2312	CV-2312	8/28/2024 12:14:26 PM	144.6	144.5
CHCV2312	CV-2312	8/28/2024 12:35:11 PM	146.2	146.4
CHCV2312	CV-2312	8/28/2024 12:38:45 PM	146.6	146.7
CHCV2322	CV-2322	8/28/2024 1:52:28 PM	197.8	197.6
CHH2275W	H-2275W	8/28/2024 2:03:02 PM	99.0	99.3
CHCV2202	CV-2202	8/28/2024 2:04:51 PM	195.5	195.5
CHH2275W	H-2275W	8/28/2024 2:07:00 PM	102.3	102.4
CHCV2315	CV-2315	8/28/2024 2:24:03 PM	157.7	157.7
CHISW030	SW-30	8/29/2024 6:09:04 AM	69.4	69.4
CHISW064	SW-64	8/29/2024 6:11:54 AM	62.6	62.6
CHISW068	SW-68	8/29/2024 6:16:30 AM	73.9	73.9
CHISW032	SW-32	8/29/2024 6:19:03 AM	63.9	64.0
CHISW025	SW-25	8/29/2024 6:30:04 AM	64.8	64.4
CHISW007	SW-7	8/29/2024 6:31:43 AM	68.0	68.8

Attachment E - Well Temperature Data
August 2024

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHSW1930	SW-1930	8/29/2024 6:39:01 AM	57.9	57.7
CCV24139	CV-24139	8/29/2024 6:47:16 AM	122.1	122.4
CCV24139	CV-24139	8/29/2024 6:47:57 AM	121.9	121.7
CCV24142	CV-24142	8/29/2024 6:52:20 AM	137.6	137.2
CCV24028	CV-24028	8/29/2024 7:33:53 AM	188.1	188.3
CHTC2174	TC-2174	8/29/2024 7:43:50 AM	148.0	148.0
CCV24030	CV-24030	8/29/2024 7:54:59 AM	160.9	160.8
CHH1770A	H-1770A	8/29/2024 8:11:33 AM	141.9	141.7
CCV24038	CV-24038	8/29/2024 8:21:26 AM	181.5	182.1
CCV24017	CV-24017	8/29/2024 8:31:22 AM	140.5	140.6
CCV24115	CV-24115	8/29/2024 8:32:10 AM	118.7	118.8
CCV24069	CV-24069	8/29/2024 8:54:12 AM	159.4	159.6
CCV24067	CV-24067	8/29/2024 9:07:09 AM	151.3	151.4
CHWCV55R	CV-55R	8/29/2024 9:53:18 AM	150.0	150.1
CHSW1930	SW-1930	8/30/2024 5:29:14 AM	57.1	57.0
CHISW007	SW-7	8/30/2024 5:38:58 AM	72.8	73.0
CHISW020	SW-20	8/30/2024 5:45:59 AM	65.8	65.9
CHISW064	SW-64	8/30/2024 5:53:29 AM	66.4	66.5
CHISW030	SW-30	8/30/2024 5:56:14 AM	70.2	70.2
CHISW068	SW-68	8/30/2024 5:59:13 AM	74.3	74.4
CHISW032	SW-32	8/30/2024 6:02:57 AM	74.1	74.8
CHCV2321	CV-2321	8/30/2024 11:26:27 AM	92.6	92.7
CHCV2321	CV-2321	8/30/2024 11:27:20 AM	92.1	92.0
CHH2168C	H-2168C	8/30/2024 11:37:08 AM	95.7	96.6
CCV24094	CV-24094	8/30/2024 3:09:18 PM	113.7	114.1
CHH1771N	H-1771N	8/30/2024 3:26:34 PM	104.5	105.1
CHH1771N	H-1771N	8/30/2024 3:31:36 PM	106.1	106.1
CCV24084	CV-24084	8/30/2024 3:40:35 PM	122.2	122.3
CCV24088	CV-24088	8/30/2024 3:57:48 PM	103.1	103.7
CHH1565C	H-1565C	8/30/2024 4:11:58 PM	112.7	112.8
CHWCV103	CV-103	8/30/2024 4:18:49 PM	101.1	100.9
CCV24044	CV-24044	8/30/2024 4:38:45 PM	96.6	97.7
CHH1410S	H-1410S	8/30/2024 5:20:57 PM	100.3	99.4

N/A: Not available due to no change in temperature from Envision Gas Analyzer

Solid Waste Daily Borehole Temperature Averages

for August 1, 2024 to August 31, 2024

SCS ENGINEERS

07224053.00 | September 16, 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**
Aug 1	113.1	119.1	127.9	129.6	133.5	140.1	140.37
Aug 2	113.2	119.2	127.9	129.6	133.6	140.1	140.44
Aug 3	113.2	119.2	127.9	129.6	133.7	140.2	140.54
Aug 4	113.2	119.2	128.0	129.6	133.7	140.3	140.55
Aug 5	113.2	119.3	128.1	129.6	133.8	140.3	140.66
Aug 6	113.2	119.2	128.1	129.7	133.8	140.3	140.6
Aug 7	113.1	119.1	128.1	129.7	133.7	140.3	140.48
Aug 8	112.9	119.0	127.6	129.8	133.5	140.3	140.41
Aug 9	113.0	119.1	127.4	129.9	133.6	140.3	140.46
Aug 10	113.1	119.2	127.3	129.9	133.7	140.4	140.57
Aug 11	113.0	119.2	127.1	129.9	133.6	140.4	140.53
Aug 12	113.0	119.3	127.1	130.0	133.6	140.4	140.54
Aug 13	113.0	119.3	127.0	130.0	133.6	140.4	140.53
Aug 14	112.9	119.2	126.9	129.9	133.6	140.4	140.52
Aug 15	112.9	119.3	126.9	130.0	133.7	140.5	140.61
Aug 16	112.9	119.3	126.9	130.1	133.7	140.5	140.52
Aug 17	112.8	119.2	126.8	130.1	133.5	140.3	140.34
Aug 18	112.8	119.3	126.9	130.1	133.6	140.4	140.35
Aug 19	112.9	119.4	126.8	130.2	133.7	140.4	140.43
Aug 20	112.9	119.5	126.8	130.1	133.8	140.4	140.46
Aug 21	112.8	119.4	127.1	130.0	133.7	140.5	140.44
Aug 22	112.6	119.1	127.1	129.8	133.6	140.4	140.21
Aug 23	112.5	119.0	127.3	129.8	133.5	140.3	140.06
Aug 24	112.4	119.0	127.4	129.9	133.5	140.3	140.02
Aug 25	112.5	119.0	127.3	129.8	133.6	140.3	140.05
Aug 26	112.6	119.2	127.4	130.0	133.7	140.5	140.27
Aug 27	112.7	119.2	127.5	130.0	133.8	140.6	140.28
Aug 28	112.5	119.1	127.4	129.9	133.7	140.5	140.12
Aug 29	112.4	119.0	127.5	129.9	133.6	140.4	139.96
Aug 30	112.3	119.0	127.8	129.9	133.6	140.5	140.05
Aug 31	112.6	119.3	127.8	130.1	133.9	140.6	140.23
Average	**112.8**	**119.2**	**127.4**	**129.9**	**133.7**	**140.4**	**140.37**

Solid Waste Daily Borehole Temperature Averages for Borehole 2

Chiquita LF

	Depth from Surface			
TP-02	**15 ft**	**30 ft**	**45 ft**	**60 ft**
Aug 1	114.9	136.3	137.5	144.9
Aug 2	115.0	136.4	137.5	144.9
Aug 3	114.9	136.5	137.6	144.9
Aug 4	115.0	136.6	137.5	144.9
Aug 5	115.0	136.7	137.5	144.8
Aug 6	115.0	136.7	137.5	144.7
Aug 7	114.9	136.7	137.5	144.7
Aug 8	114.8	136.8	137.4	144.6
Aug 9	114.9	137.0	137.4	144.6
Aug 10	115.0	137.1	137.5	144.6
Aug 11	114.9	137.2	137.4	144.6
Aug 12	114.9	137.2	137.4	144.6
Aug 13	114.8	137.1	137.3	144.6
Aug 14	114.9	137.1	137.3	144.5
Aug 15	114.9	137.2	137.4	144.5
Aug 16	115.0	137.4	137.4	144.6
Aug 17	114.8	137.3	137.3	144.4
Aug 18	114.8	137.4	137.3	144.5
Aug 19	114.8	137.5	137.4	144.6
Aug 20	115.0	137.3	137.4	144.6
Aug 21	114.9	137.1	137.4	144.6
Aug 22	114.8	136.9	137.3	144.4
Aug 23	114.7	136.8	137.3	144.4
Aug 24	114.7	136.8	137.3	144.4
Aug 25	114.8	136.9	137.3	144.3
Aug 26	114.9	137.0	137.4	144.5
Aug 27	114.9	137.1	137.4	144.5
Aug 28	114.8	137.0	137.4	144.4
Aug 29	114.8	137.0	137.3	144.4
Aug 30	114.9	137.0	137.4	144.5
Aug 31	115.0	137.1	137.4	144.6
Average	**114.9**	**137.0**	**137.4**	**144.6**

Solid Waste Daily Borehole Temperature Averages for Borehole 3

Chiquita LF

	Depth from Surface		
TP-03	**15 ft**	**30 ft**	**45 ft**
Aug 1	204.5	209.3	233.4
Aug 2	204.9	210.1	233.6
Aug 3	204.8	209.4	233.5
Aug 4	204.9	209.7	233.6
Aug 5	204.7	209.5	233.6
Aug 6	204.9	210.2	233.5
Aug 7	204.8	210.0	233.6
Aug 8	204.8	209.7	233.4
Aug 9	204.8	209.5	233.6
Aug 10	205.1	209.6	233.6
Aug 11	205.3	209.6	233.4
Aug 12	205.3	210.1	233.4
Aug 13	205.4	210.0	233.2
Aug 14	205.6	210.6	233.1
Aug 15	205.4	209.6	233.3
Aug 16	205.3	209.8	233.1
Aug 17	205.1	209.6	233.2
Aug 18	205.3	209.6	232.9
Aug 19	205.9	210.7	232.3
Aug 20	205.9	210.9	233.4
Aug 21	206.0	210.6	232.8
Aug 22	205.4	210.5	232.4
Aug 23	205.0	210.3	231.9
Aug 24	205.1	209.8	232.7
Aug 25	205.6	210.2	232.8
Aug 26	205.9	210.7	231.9
Aug 27	205.7	210.8	231.5
Aug 28	205.3	211.2	231.3
Aug 29	205.3	210.8	231.3
Aug 30	205.3	210.3	231.3
Aug 31	205.4	210.7	231.4
Average	**205.2**	**210.1**	**232.85**

Solid Waste Daily Borehole Temperature Averages for Borehole 4

Chiquita LF

	Depth from Surface			
TP-04	**15 ft**	**30 ft**	**45 ft**	**60 ft**
Aug 1	159.3	167.2	152.6	150.7
Aug 2	159.7	167.3	152.9	150.8
Aug 3	159.8	167.4	153.1	150.8
Aug 4	160.0	167.4	153.3	150.9
Aug 5	160.2	167.5	153.4	151.0
Aug 6	160.3	167.5	153.4	151.1
Aug 7	160.3	167.4	153.4	151.0
Aug 8	160.2	167.3	153.4	151.0
Aug 9	160.4	167.4	153.5	151.1
Aug 10	160.5	167.4	153.6	151.1
Aug 11	160.5	167.4	153.7	151.2
Aug 12	160.5	167.4	153.6	151.2
Aug 13	160.5	167.3	153.7	151.2
Aug 14	160.4	167.3	153.6	151.3
Aug 15	160.5	167.4	153.7	151.4
Aug 16	160.5	167.4	153.7	151.3
Aug 17	160.4	167.3	153.6	151.3
Aug 18	160.5	167.3	153.8	151.4
Aug 19	160.5	167.4	153.9	151.4
Aug 20	160.6	167.4	153.9	151.4
Aug 21	160.5	167.4	153.9	151.4
Aug 22	160.4	167.2	153.9	151.3
Aug 23	160.3	167.1	153.8	151.2
Aug 24	160.3	167.2	153.8	151.2
Aug 25	160.3	167.2	153.9	151.2
Aug 26	160.4	167.4	154.0	151.4
Aug 27	160.4	167.4	154.1	151.4
Aug 28	160.3	167.3	154.0	151.3
Aug 29	160.1	167.1	154.0	151.2
Aug 30	160.2	167.3	154.0	151.2
Aug 31	160.3	167.4	154.2	151.4
Average	**160.3**	**167.3**	**153.7**	**151.2**

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**
Aug 1	119.9	133.3	141.8	143.0	145.8
Aug 2	120.1	133.4	141.9	143.3	145.9
Aug 3	120.1	133.4	141.9	143.2	146.0
Aug 4	120.2	133.4	141.9	143.3	146.1
Aug 5	120.1	133.3	141.9	143.3	146.0
Aug 6	120.1	133.3	141.9	143.3	146.1
Aug 7	120.0	133.3	142.0	143.3	146.0
Aug 8	119.9	133.2	141.9	143.3	146.0
Aug 9	120.0	133.2	142.0	143.3	146.0
Aug 10	120.1	133.3	142.1	143.4	146.1
Aug 11	120.0	133.2	142.0	143.4	146.1
Aug 12	120.0	133.2	142.1	143.4	146.1
Aug 13	120.0	133.2	142.1	143.4	146.2
Aug 14	120.0	133.2	142.1	143.4	146.2
Aug 15	120.1	133.2	142.1	143.4	146.2
Aug 16	120.0	133.3	142.1	143.4	146.2
Aug 17	120.0	133.2	142.1	143.4	146.2
Aug 18	120.0	133.2	142.1	143.4	146.3
Aug 19	120.1	133.3	142.2	143.5	146.6
Aug 20	120.2	133.3	142.2	143.5	146.5
Aug 21	120.2	133.3	142.2	143.5	146.4
Aug 22	120.0	133.2	142.2	143.5	146.3
Aug 23	119.8	133.1	142.2	143.5	146.3
Aug 24	119.7	133.1	142.2	143.4	146.2
Aug 25	119.8	133.1	142.3	143.6	146.2
Aug 26	120.1	133.3	142.3	143.7	146.3
Aug 27	120.1	133.3	142.4	143.7	146.3
Aug 28	120.0	133.3	142.4	143.7	146.3
Aug 29	119.9	133.2	142.3	143.6	146.2
Aug 30	119.9	133.3	142.4	143.7	146.3
Aug 31	120.0	133.3	142.4	143.7	146.3
Average	**120.0**	**133.3**	**142.1**	**143.4**	**146.2**

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**
Aug 1	99.3	110.9	121.6	127.6	126.2	126.84	134.37
Aug 2	99.4	110.9	121.6	127.6	126.3	126.95	134.35
Aug 3	99.4	110.9	121.7	127.6	126.4	127.02	134.4
Aug 4	99.3	110.9	121.6	127.6	126.4	127.04	134.42
Aug 5	99.2	110.9	121.6	127.6	126.5	127.1	134.45
Aug 6	99.2	110.9	121.6	127.6	126.5	127.09	134.45
Aug 7	99.1	111.0	121.6	127.6	126.4	127.1	134.48
Aug 8	98.8	110.8	121.6	127.5	126.3	127	134.41
Aug 9	98.8	110.8	121.7	127.5	126.5	127.12	134.46
Aug 10	98.8	110.9	121.8	127.5	126.4	127.13	134.49
Aug 11	98.9	111.0	121.8	127.6	126.5	127.24	134.53
Aug 12	99.1	111.1	121.8	127.5	126.4	127.15	134.5
Aug 13	99.3	111.2	121.8	127.5	126.5	127.15	134.52
Aug 14	99.3	111.2	121.8	127.5	126.5	127.18	134.5
Aug 15	99.4	111.3	121.8	127.5	126.5	127.25	134.52
Aug 16	99.5	111.4	121.9	127.6	126.6	127.25	134.6
Aug 17	99.5	111.3	121.8	127.5	126.4	127.18	134.58
Aug 18	99.7	111.4	121.9	127.5	126.5	127.21	134.56
Aug 19	99.9	111.5	121.9	127.5	126.6	127.24	134.6
Aug 20	100.1	111.5	121.9	127.6	126.6	127.38	134.62
Aug 21	100.0	111.5	121.8	127.5	126.6	127.33	134.59
Aug 22	99.8	111.4	121.8	127.5	126.5	127.28	134.64
Aug 23	99.8	111.3	121.8	127.5	126.5	127.2	134.61
Aug 24	99.8	111.3	121.7	127.5	126.4	127.21	134.62
Aug 25	99.9	111.4	121.8	127.5	126.5	127.28	134.6
Aug 26	100.2	111.5	121.9	127.6	126.6	127.41	134.67
Aug 27	100.3	111.6	122.0	127.6	126.7	127.42	134.73
Aug 28	100.4	111.5	121.9	127.6	126.6	127.38	134.73
Aug 29	101.1	111.8	121.9	127.5	126.5	127.35	134.72
Aug 30	102.0	112.0	122.0	127.6	126.6	127.39	134.75
Aug 31	102.8	112.2	122.1	127.7	126.8	127.52	134.86
Average	**99.7**	**111.3**	**121.8**	**127.5**	**126.5**	**127.21**	**134.56**

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**
Aug 1	123.1	129.3	127.2	122.8	125.1	141.5
Aug 2	123.2	129.4	127.3	123.0	125.3	141.7
Aug 3	123.5	129.3	127.3	123.0	125.4	142.0
Aug 4	123.8	129.4	127.4	123.1	125.5	142.5
Aug 5	124.1	129.4	127.4	123.1	125.6	142.8
Aug 6	124.2	129.4	127.4	123.1	125.6	142.9
Aug 7	124.4	129.3	127.5	123.2	125.5	142.6
Aug 8	124.4	129.3	127.5	123.1	125.4	142.4
Aug 9	124.2	129.3	127.5	123.1	125.6	142.4
Aug 10	124.1	129.4	127.5	123.2	125.7	142.3
Aug 11	124.0	129.3	127.5	123.2	125.8	142.3
Aug 12	123.8	129.3	127.5	123.2	125.7	142.2
Aug 13	123.7	129.3	127.5	123.2	125.8	142.1
Aug 14	123.6	129.3	127.5	123.2	125.8	141.9
Aug 15	123.5	129.3	127.5	123.3	125.9	141.8
Aug 16	123.4	129.3	127.5	123.3	125.9	141.6
Aug 17	123.4	129.3	127.5	123.2	125.8	141.2
Aug 18	123.3	129.3	127.6	123.3	125.9	141.1
Aug 19	123.2	129.3	127.6	123.4	126.1	141.2
Aug 20	123.2	129.4	127.6	123.4	126.2	141.2
Aug 21	123.2	129.4	127.6	123.4	126.2	141.1
Aug 22	123.1	129.3	127.6	123.4	126.0	140.9
Aug 23	123.0	129.3	127.6	123.3	125.9	140.9
Aug 24	123.0	129.2	127.7	123.3	126.0	140.9
Aug 25	122.9	129.3	127.6	123.4	126.0	141.0
Aug 26	122.9	129.3	127.7	123.5	126.3	141.2
Aug 27	122.8	129.4	127.7	123.5	126.3	141.2
Aug 28	122.8	129.3	127.8	123.5	126.2	141.1
Aug 29	122.7	129.2	127.7	123.5	126.2	141.0
Aug 30	122.7	129.3	127.7	123.5	126.4	141.0
Aug 31	122.7	129.3	127.7	123.6	126.6	141.2
Average	**123.4**	**129.3**	**127.5**	**123.3**	**125.9**	**141.6**

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**
Aug 1	110.3	112.5	122.0	137.8	139.3	141.6
Aug 2	113.4	118.1	129.1	137.8	139.3	141.4
Aug 3	114.8	117.4	130.5	137.8	139.4	141.4
Aug 4	114.3	116.9	130.8	137.9	139.4	141.4
Aug 5	114.6	117.6	130.5	137.9	139.4	141.4
Aug 6	114.7	117.3	130.8	137.8	139.3	141.3
Aug 7	114.5	117.3	130.5	137.7	139.1	141.3
Aug 8	115.1	118.0	130.9	137.8	139.0	141.3
Aug 9	115.5	118.6	130.5	137.8	139.1	141.3
Aug 10	115.3	118.3	129.4	137.7	139.1	141.3
Aug 11	117.1	120.5	132.2	137.7	139.0	141.3
Aug 12	119.2	122.6	132.7	137.8	139.1	141.4
Aug 13	117.9	120.8	130.9	137.8	139.0	141.5
Aug 14	117.4	120.3	130.7	137.7	139.0	141.4
Aug 15	118.7	121.8	131.5	137.8	139.2	141.5
Aug 16	121.0	125.0	132.5	137.9	139.2	141.6
Aug 17	121.8	125.5	133.5	137.8	139.1	141.5
Aug 18	121.2	124.7	134.2	137.9	139.1	141.5
Aug 19	122.9	125.6	133.8	138.0	139.3	141.6
Aug 20	123.6	126.1	134.1	138.1	139.4	141.7
Aug 21	122.3	124.9	133.6	138.1	139.4	141.7
Aug 22	121.3	124.0	133.2	138.0	139.2	141.7
Aug 23	119.6	122.1	132.1	138.0	139.1	141.8
Aug 24	119.0	121.7	131.6	138.0	139.2	141.8
Aug 25	120.7	123.7	132.9	138.0	139.2	141.7
Aug 26	121.1	123.8	133.3	138.2	139.4	141.9
Aug 27	122.0	124.7	133.8	138.3	139.4	141.9
Aug 28	121.4	123.9	133.4	138.2	139.2	141.7
Aug 29	119.7	123.2	133.6	138.2	139.2	141.7
Aug 30	114.6	115.2	136.5	138.3	139.3	141.8
Aug 31	116.8	116.8	136.6	138.4	139.5	141.9
Average	**118.1**	**120.9**	**132.0**	**137.9**	**139.2**	**141.6**

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**
Aug 1	102.4	106.1	113.0	118.0	133.0	139.7	223.8
Aug 2	102.5	106.2	113.0	118.0	133.1	139.8	223.3
Aug 3	102.6	106.2	113.1	118.1	133.2	139.9	223.2
Aug 4	102.6	106.3	113.2	118.1	133.2	140.0	223.9
Aug 5	102.7	106.4	113.3	118.2	133.4	140.1	222.6
Aug 6	102.8	106.4	113.3	118.2	133.5	140.2	221.8
Aug 7	102.8	106.4	113.3	118.2	133.3	140.2	221.4
Aug 8	102.8	106.4	113.3	118.2	133.3	140.1	220.8
Aug 9	102.9	106.4	113.4	118.1	133.4	140.2	221.2
Aug 10	103.0	106.6	113.5	118.3	133.5	140.4	220.0
Aug 11	103.0	106.6	113.5	118.2	133.5	140.4	222.2
Aug 12	103.0	106.6	113.5	118.2	133.5	140.4	221.4
Aug 13	103.0	106.5	113.5	118.2	133.4	140.4	220.8
Aug 14	103.1	106.5	113.5	118.2	133.3	140.4	219.7
Aug 15	103.1	106.6	113.5	118.2	133.2	140.4	220.7
Aug 16	103.2	106.7	113.5	118.3	133.2	140.5	222.7
Aug 17	103.2	106.6	113.4	118.3	133.0	140.4	221.7
Aug 18	103.3	106.7	113.5	118.4	133.0	140.5	222.2
Aug 19	103.2	106.6	113.3	118.2	132.9	140.4	221.0
Aug 20	103.3	106.9	113.5	118.4	133.0	140.6	223.2
Aug 21	103.4	106.8	113.5	118.5	132.9	140.6	223.2
Aug 22	103.4	106.8	113.5	118.5	132.8	140.6	222.7
Aug 23	103.4	106.8	113.5	118.5	132.6	140.5	222.0
Aug 24	103.4	106.8	113.5	118.5	132.5	140.5	222.3
Aug 25	103.4	106.8	113.5	118.5	132.5	140.5	222.8
Aug 26	103.5	107.0	113.6	118.6	132.7	140.6	221.9
Aug 27	103.6	107.1	113.6	118.7	132.7	140.7	222.3
Aug 28	103.6	107.0	113.6	118.6	132.5	140.6	221.3
Aug 29	103.6	107.0	113.5	118.6	132.4	140.6	221.0
Aug 30	103.6	107.1	113.5	118.6	132.4	140.6	220.0
Aug 31	103.7	107.2	113.6	118.8	132.6	140.7	220.8
Average	**103.1**	**106.7**	**113.4**	**118.3**	**133.0**	**140.4**	**221.9**

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**
Aug 1	119.1	126.3	128.7	130.8	128.9	130.0	131.3
Aug 2	119.4	127.0	129.2	130.9	129.0	130.1	131.2
Aug 3	119.5	127.5	129.5	130.8	128.9	130.2	131.0
Aug 4	119.6	127.9	129.8	130.9	128.9	130.2	131.0
Aug 5	119.7	128.2	129.8	130.9	128.9	130.2	131.1
Aug 6	119.8	128.3	130.0	130.9	128.9	130.2	131.1
Aug 7	119.7	128.4	130.0	130.8	128.8	130.1	130.9
Aug 8	119.7	128.5	129.9	130.7	128.7	130.0	130.9
Aug 9	119.8	128.5	129.9	130.8	128.8	130.1	131.0
Aug 10	119.5	127.7	130.2	130.9	128.8	130.1	131.2
Aug 11	118.4	123.0	130.2	131.0	128.8	129.9	131.2
Aug 12	117.3	123.0	130.1	131.1	128.7	129.9	131.2
Aug 13	117.5	127.9	130.2	130.8	128.6	129.9	131.0
Aug 14	117.5	125.1	130.1	130.8	128.6	129.8	131.1
Aug 15	116.8	123.6	130.3	130.9	128.7	129.9	131.2
Aug 16	115.8	122.0	130.3	130.9	128.6	129.9	131.4
Aug 17	114.6	121.5	130.3	130.7	128.5	129.7	131.1
Aug 18	113.7	121.4	130.3	130.7	128.5	129.8	131.3
Aug 19	113.4	121.0	130.4	130.7	128.6	129.8	131.8
Aug 20	114.3	122.2	130.4	130.6	128.5	129.7	132.2
Aug 21	115.9	124.4	130.4	130.5	128.4	129.6	132.2
Aug 22	117.1	125.4	130.3	130.5	128.2	129.5	132.2
Aug 23	117.1	124.5	130.2	130.4	128.0	129.4	132.4
Aug 24	117.5	125.1	130.3	130.5	128.0	129.4	132.5
Aug 25	117.7	124.9	130.2	130.5	128.1	129.5	132.6
Aug 26	118.2	126.0	130.4	130.6	128.3	129.6	132.9
Aug 27	119.2	127.3	130.5	130.7	128.3	129.6	132.8
Aug 28	119.3	125.9	130.3	130.5	128.3	129.8	132.4
Aug 29	118.7	124.7	130.3	130.5	128.2	129.7	132.5
Aug 30	118.8	125.8	130.4	130.7	128.4	129.8	132.5
Aug 31	121.4	137.2	130.5	130.7	128.5	129.9	132.6
Average	**117.9**	**125.8**	**130.1**	**130.7**	**128.6**	**129.9**	**131.7**

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**
Aug 1	121.2	117.0	131.5	139.9	143.0	142.1
Aug 2	121.3	117.3	131.7	140.2	143.1	142.3
Aug 3	121.5	117.5	131.6	140.2	143.2	142.5
Aug 4	121.7	117.6	131.4	140.3	143.2	142.5
Aug 5	121.8	117.7	131.6	140.5	143.3	142.5
Aug 6	121.8	117.7	131.4	140.4	143.3	142.4
Aug 7	121.8	117.8	131.4	140.3	143.3	142.4
Aug 8	121.8	117.7	131.3	140.1	143.3	142.3
Aug 9	121.9	117.9	131.4	140.2	143.3	142.4
Aug 10	122.0	118.0	131.3	140.2	143.3	142.5
Aug 11	122.0	118.3	131.5	140.0	143.2	142.6
Aug 12	122.2	118.6	131.6	140.0	143.2	142.5
Aug 13	122.2	118.7	131.7	140.0	143.0	142.4
Aug 14	122.3	118.8	131.5	139.9	142.9	142.3
Aug 15	122.4	119.0	131.6	140.0	142.9	142.3
Aug 16	122.5	119.3	131.7	139.9	142.7	142.0
Aug 17	122.6	119.5	131.4	139.7	142.5	141.7
Aug 18	122.7	119.8	131.4	139.7	142.5	141.7
Aug 19	122.9	120.0	131.1	139.7	142.4	141.6
Aug 20	122.9	119.9	130.6	139.7	142.3	141.5
Aug 21	122.8	119.7	130.5	139.6	142.1	141.4
Aug 22	122.7	119.6	130.5	139.2	141.9	141.1
Aug 23	122.7	119.5	130.3	139.0	141.8	140.9
Aug 24	122.6	119.5	130.1	138.9	141.7	140.8
Aug 25	122.7	119.6	130.0	138.9	141.6	140.7
Aug 26	122.8	119.8	130.3	139.0	141.7	140.9
Aug 27	122.7	119.8	130.4	139.0	141.6	140.8
Aug 28	122.8	119.8	130.4	138.7	141.5	140.7
Aug 29	122.8	119.9	130.3	138.7	141.5	140.5
Aug 30	122.7	119.8	130.0	138.7	141.5	140.6
Aug 31	122.8	120.0	130.2	138.8	141.4	140.6
Average	**122.3**	**118.9**	**131.0**	**139.7**	**142.5**	**141.7**

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**
Aug 1	92.4	107.1	116.3	124.7	127.3	144.6
Aug 2	92.5	107.2	116.3	124.8	127.4	144.6
Aug 3	92.6	107.3	116.4	124.9	127.6	144.7
Aug 4	92.7	107.3	116.4	124.9	127.5	144.7
Aug 5	92.8	107.4	116.5	125.1	127.7	144.8
Aug 6	92.8	107.3	116.4	125.0	127.6	144.7
Aug 7	92.7	107.1	116.3	124.9	127.4	144.6
Aug 8	92.7	107.0	116.2	124.7	127.3	144.5
Aug 9	92.8	107.1	116.3	124.8	127.4	144.5
Aug 10	92.9	107.2	116.3	124.9	127.5	144.6
Aug 11	92.9	107.1	116.3	125.0	127.5	144.5
Aug 12	92.9	107.1	116.2	124.9	127.5	144.5
Aug 13	92.9	107.0	116.2	124.9	127.4	144.5
Aug 14	93.0	107.0	116.2	124.9	127.4	144.4
Aug 15	93.0	107.1	116.2	125.0	127.5	144.4
Aug 16	93.0	107.0	116.2	125.0	127.5	144.4
Aug 17	93.0	106.9	116.2	124.8	127.3	144.3
Aug 18	93.0	107.0	116.2	124.9	127.3	144.3
Aug 19	93.1	107.1	116.3	125.0	127.5	144.4
Aug 20	93.2	107.1	116.3	125.1	127.6	144.4
Aug 21	93.2	107.1	116.3	125.0	127.5	144.4
Aug 22	93.2	106.9	116.2	124.9	127.3	144.3
Aug 23	93.1	106.8	116.1	124.8	127.2	144.2
Aug 24	93.1	106.8	116.1	124.8	127.2	144.2
Aug 25	93.2	106.9	116.1	124.9	127.3	144.2
Aug 26	93.4	107.1	116.3	125.1	127.6	144.4
Aug 27	93.4	107.1	116.3	125.1	127.6	144.4
Aug 28	93.4	106.9	116.3	125.0	127.4	144.3
Aug 29	93.3	106.9	116.1	125.0	127.3	144.2
Aug 30	93.4	107.0	116.3	125.1	127.5	144.3
Aug 31	93.6	107.2	116.5	125.3	127.8	144.5
Average	**93.0**	**107.1**	**116.3**	**124.9**	**127.5**	**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**
Aug 1	116.4	140.3	143.2	142.4	143.0	144.0
Aug 2	115.3	140.9	143.2	142.6	143.1	144.1
Aug 3	114.3	141.3	143.4	142.7	143.3	144.2
Aug 4	113.4	141.6	143.4	142.8	143.4	144.3
Aug 5	113.2	138.9	143.4	142.8	143.4	144.3
Aug 6	115.8	130.7	143.5	142.9	143.4	144.3
Aug 7	117.1	126.3	143.5	142.8	143.3	144.3
Aug 8	117.5	124.1	143.5	142.7	143.2	144.3
Aug 9	117.8	123.7	143.5	142.7	143.2	144.3
Aug 10	118.0	123.6	143.6	142.8	143.3	144.3
Aug 11	118.2	123.7	143.6	142.9	143.4	144.4
Aug 12	118.4	124.1	143.6	142.9	143.3	144.4
Aug 13	118.4	123.9	143.7	142.9	143.4	144.4
Aug 14	118.4	123.2	143.7	142.9	143.4	144.4
Aug 15	118.5	123.7	143.8	143.1	143.6	144.6
Aug 16	118.6	123.8	143.9	143.2	143.6	144.7
Aug 17	118.7	125.2	143.9	143.0	143.5	144.6
Aug 18	118.9	126.7	143.9	143.1	143.6	144.7
Aug 19	119.1	125.7	144.0	143.3	143.8	144.8
Aug 20	119.1	122.8	144.1	143.4	143.9	144.9
Aug 21	118.8	120.7	144.2	143.4	143.9	144.9
Aug 22	118.5	120.7	144.2	143.3	143.8	144.9
Aug 23	118.2	119.6	144.2	143.2	143.7	144.9
Aug 24	118.1	119.3	144.3	143.3	143.8	145.0
Aug 25	118.0	120.4	144.3	143.4	143.9	145.0
Aug 26	118.1	121.4	144.5	143.7	144.2	145.2
Aug 27	118.0	120.9	144.6	143.7	144.2	145.3
Aug 28	117.9	120.2	144.6	143.7	144.2	145.3
Aug 29	117.7	119.1	144.6	143.7	144.1	145.3
Aug 30	117.7	117.5	144.7	143.8	144.2	145.4
Aug 31	118.2	124.6	144.9	144.1	144.6	145.6
Average	**117.6**	**125.8**	**143.9**	**143.1**	**143.6**	**144.7**

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**
Aug 1	87.9	105.8	121.9	137.3	151.7	162.6	164.38
Aug 2	88.2	105.9	121.9	137.5	151.8	162.8	164.47
Aug 3	88.3	105.8	122.0	137.6	151.9	162.8	164.51
Aug 4	88.2	105.7	122.0	137.6	151.9	162.9	164.5
Aug 5	88.4	105.5	122.0	137.7	151.9	162.9	164.53
Aug 6	88.5	105.4	122.0	137.7	152.0	162.9	164.55
Aug 7	88.4	105.3	122.0	137.5	151.9	162.8	164.49
Aug 8	88.5	105.1	121.9	137.3	151.8	162.8	164.38
Aug 9	88.7	105.0	121.9	137.5	151.9	162.9	164.44
Aug 10	89.0	105.0	122.0	137.5	152.0	162.9	164.5
Aug 11	89.1	104.9	121.9	137.5	151.9	163.0	164.51
Aug 12	89.2	104.9	121.9	137.5	151.9	163.0	164.47
Aug 13	89.2	104.8	121.9	137.4	151.9	163.0	164.45
Aug 14	89.3	104.8	121.9	137.4	151.9	163.0	164.4
Aug 15	89.5	104.7	121.9	137.5	152.0	163.0	164.42
Aug 16	89.6	104.8	121.9	137.5	152.0	163.0	164.45
Aug 17	89.5	104.7	121.8	137.3	151.9	162.8	164.41
Aug 18	89.6	104.8	121.9	137.4	152.0	163.0	164.42
Aug 19	89.8	104.8	121.9	137.5	152.0	163.0	164.47
Aug 20	89.9	104.9	121.9	137.6	152.1	163.0	164.53
Aug 21	89.9	104.9	121.9	137.6	152.1	163.0	164.49
Aug 22	89.7	104.7	121.8	137.4	152.0	162.8	164.4
Aug 23	89.7	104.7	121.8	137.2	151.9	162.7	164.37
Aug 24	89.8	104.7	121.7	137.2	151.9	162.8	164.38
Aug 25	89.9	104.6	121.8	137.3	151.9	162.8	164.39
Aug 26	90.2	104.8	121.9	137.6	152.1	163.0	164.52
Aug 27	90.3	104.8	121.9	137.6	152.1	163.1	164.53
Aug 28	90.2	104.7	121.8	137.4	152.1	162.9	164.49
Aug 29	90.2	104.7	121.8	137.4	152.0	162.8	164.44
Aug 30	90.4	104.6	121.8	137.5	152.1	163.0	164.52
Aug 31	90.6	104.8	121.9	137.6	152.2	163.2	164.62
Average	**89.3**	**105.0**	**121.9**	**137.5**	**152.0**	**162.9**	**164.47**

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**
Aug 1	123.6	113.2	162.5	164.9	165.1
Aug 2	124.0	113.4	162.7	164.9	165.2
Aug 3	124.6	113.3	162.5	165.0	165.2
Aug 4	124.9	113.3	162.7	165.0	165.2
Aug 5	125.3	113.3	162.4	164.9	165.2
Aug 6	125.8	113.7	162.7	165.1	165.3
Aug 7	126.7	114.6	163.0	165.2	165.5
Aug 8	127.8	116.2	162.9	165.3	165.6
Aug 9	128.8	117.6	163.1	165.4	165.7
Aug 10	129.8	118.4	163.2	165.5	165.8
Aug 11	130.3	119.5	163.3	165.6	165.9
Aug 12	130.3	119.6	163.4	165.7	166.0
Aug 13	131.2	120.5	163.4	165.7	166.0
Aug 14	131.9	120.2	163.4	165.7	166.0
Aug 15	132.4	120.5	163.3	165.8	166.0
Aug 16	132.6	121.1	163.6	165.9	166.2
Aug 17	132.8	121.8	163.6	165.9	166.2
Aug 18	132.9	122.6	163.8	166.0	166.2
Aug 19	133.4	123.2	163.8	166.0	166.3
Aug 20	133.7	122.7	163.9	166.1	166.4
Aug 21	134.1	122.0	164.1	166.2	166.5
Aug 22	135.8	124.9	164.1	166.4	166.6
Aug 23	137.1	125.8	164.2	166.4	166.6
Aug 24	137.8	126.1	164.3	166.4	166.7
Aug 25	138.0	127.7	164.4	166.5	166.8
Aug 26	138.5	129.3	164.3	166.7	166.9
Aug 27	139.0	129.6	164.3	166.5	166.8
Aug 28	139.4	130.1	164.4	166.5	166.8
Aug 29	139.9	131.6	164.3	166.5	166.8
Aug 30	140.6	128.6	164.4	166.4	166.7
Aug 31	139.1	129.3	164.3	166.4	166.7
Average	**132.3**	**121.4**	**163.6**	**165.8**	**166.1**

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**
Aug 1	102.7	118.6	123.7	123.6	129.2	135.39
Aug 2	102.9	118.7	123.8	123.8	129.4	135.53
Aug 3	102.9	118.8	123.8	123.9	129.4	135.54
Aug 4	102.8	118.8	123.9	123.9	129.4	135.58
Aug 5	102.8	118.8	123.8	124.0	129.4	135.59
Aug 6	102.8	118.9	123.9	124.0	129.4	135.64
Aug 7	102.7	118.9	123.9	124.1	129.3	135.5
Aug 8	102.6	118.8	123.8	124.1	129.2	135.42
Aug 9	102.5	119.0	123.8	124.1	129.4	135.5
Aug 10	102.4	119.0	123.9	124.2	129.6	135.57
Aug 11	102.3	119.0	123.9	124.2	129.6	135.54
Aug 12	102.4	119.0	123.8	124.3	129.6	135.52
Aug 13	102.4	119.1	123.9	124.3	129.6	135.52
Aug 14	102.3	119.1	123.9	124.3	129.5	135.55
Aug 15	102.2	119.1	123.9	124.3	129.5	135.63
Aug 16	102.3	119.2	123.9	124.3	129.5	135.58
Aug 17	102.3	119.1	123.9	124.4	129.4	135.49
Aug 18	102.5	119.2	123.9	124.4	129.7	135.5
Aug 19	102.5	119.3	124.0	124.5	130.0	135.6
Aug 20	102.5	119.3	124.0	124.5	130.0	135.67
Aug 21	102.4	119.3	124.0	124.5	130.0	135.62
Aug 22	102.3	119.3	123.9	124.5	129.9	135.51
Aug 23	102.2	119.3	123.9	124.5	129.8	135.46
Aug 24	102.2	119.3	123.9	124.5	129.7	135.47
Aug 25	102.2	119.3	124.0	124.6	129.8	135.53
Aug 26	102.2	119.5	124.0	124.6	130.0	135.7
Aug 27	102.2	119.5	124.0	124.7	130.1	135.71
Aug 28	102.3	119.6	124.0	124.7	130.0	135.6
Aug 29	102.2	119.5	124.0	124.6	129.9	135.52
Aug 30	102.1	119.6	124.0	124.7	130.0	135.67
Aug 31	102.4	119.7	124.1	124.7	130.0	135.79
Average	**102.4**	**119.2**	**123.9**	**124.3**	**129.7**	**135.56**

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**
Aug 1	120.9	123.6	121.9	138.8	139.1	138.9	139.11
Aug 2	121.2	123.6	121.8	138.9	139.3	139.18	139.4
Aug 3	121.3	123.4	121.9	138.9	139.4	139.2	139.41
Aug 4	121.4	123.6	121.9	139.0	139.4	139.31	139.5
Aug 5	121.6	123.5	122.0	139.0	139.5	139.34	139.52
Aug 6	121.6	123.5	122.1	139.1	139.5	139.38	139.56
Aug 7	122.3	123.0	121.8	139.1	139.5	139.28	139.46
Aug 8	123.9	121.1	121.1	139.0	139.4	139.11	139.38
Aug 9	126.1	120.0	120.8	139.1	139.4	139.24	139.5
Aug 10	128.4	119.3	120.6	139.2	139.5	139.32	139.62
Aug 11	129.8	119.0	120.6	139.2	139.5	139.37	139.62
Aug 12	130.5	118.8	120.6	139.2	139.5	139.28	139.57
Aug 13	131.5	118.5	120.4	139.1	139.5	139.3	139.52
Aug 14	132.1	118.5	120.2	139.2	139.5	139.29	139.51
Aug 15	132.5	118.5	120.0	139.2	139.6	139.38	139.61
Aug 16	132.6	118.7	120.3	139.2	139.5	139.33	139.57
Aug 17	133.2	118.8	120.3	139.2	139.5	139.23	139.49
Aug 18	133.8	118.4	120.8	139.2	139.6	139.29	139.53
Aug 19	135.0	118.8	120.5	139.3	139.7	139.43	139.66
Aug 20	136.4	119.0	120.5	139.3	139.7	139.54	139.74
Aug 21	137.6	118.9	120.2	139.3	139.7	139.48	139.68
Aug 22	137.9	118.8	120.0	139.2	139.6	139.3	139.44
Aug 23	137.9	118.8	119.9	139.2	139.6	139.16	139.26
Aug 24	137.4	119.0	119.9	139.2	139.6	139.18	139.28
Aug 25	137.9	119.0	120.0	139.2	139.6	139.27	139.33
Aug 26	139.3	118.9	119.9	139.3	139.8	139.48	139.52
Aug 27	140.4	119.0	120.0	139.3	139.8	139.51	139.53
Aug 28	141.4	118.9	119.9	139.2	139.8	139.39	139.45
Aug 29	142.3	118.7	119.8	139.2	139.7	139.32	139.38
Aug 30	143.3	118.6	119.6	139.2	139.8	139.38	139.51
Aug 31	143.1	118.7	120.5	139.2	139.8	139.56	139.65
Average	**132.1**	**120.0**	**120.6**	**139.2**	**139.6**	**139.31**	**139.31**

Solid Waste Daily Borehole Temperature Averages for Borehole 18

Chiquita LF

	Depth from Surface		
TP-18	**15 ft**	**30 ft**	**45 ft**
Aug 1	121.0	133.6	139.4
Aug 2	121.1	133.8	139.5
Aug 3	121.1	133.8	139.7
Aug 4	121.1	133.9	139.6
Aug 5	120.9	133.9	139.6
Aug 6	121.0	133.9	139.8
Aug 7	120.9	133.8	139.7
Aug 8	120.8	133.7	139.5
Aug 9	120.9	133.8	139.6
Aug 10	120.8	133.8	139.6
Aug 11	121.0	133.8	139.6
Aug 12	120.9	133.8	139.5
Aug 13	120.9	133.9	139.6
Aug 14	120.9	133.8	139.5
Aug 15	121.0	133.9	139.6
Aug 16	120.9	133.8	139.6
Aug 17	120.8	133.7	139.5
Aug 18	120.9	133.8	139.6
Aug 19	121.0	133.9	139.6
Aug 20	121.0	133.9	139.7
Aug 21	121.0	133.9	139.7
Aug 22	120.9	133.8	139.6
Aug 23	120.8	133.7	139.5
Aug 24	120.9	133.7	139.5
Aug 25	120.9	133.8	139.6
Aug 26	121.1	134.0	139.7
Aug 27	121.1	134.0	139.7
Aug 28	121.0	133.9	139.7
Aug 29	121.0	133.9	139.7
Aug 30	121.1	134.0	139.7
Aug 31	121.1	134.1	139.8
Average	**121.0**	**133.8**	**139.6**

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**
Aug 1	131.0	135.0	137.1	150.6	152.0	151.4	161.82
Aug 2	131.3	135.0	137.1	150.7	152.2	151.7	161.99
Aug 3	131.5	135.0	137.1	150.8	152.2	151.7	161.96
Aug 4	131.6	135.0	137.2	150.9	152.1	151.7	161.98
Aug 5	131.5	135.0	137.2	150.9	152.2	151.7	161.96
Aug 6	131.5	135.0	137.2	150.9	152.2	151.7	161.94
Aug 7	131.8	135.0	137.2	150.8	152.2	151.6	161.99
Aug 8	132.0	134.9	137.2	150.6	152.0	151.4	161.85
Aug 9	132.2	134.8	137.2	150.6	152.1	151.4	161.88
Aug 10	132.5	134.9	137.2	150.7	152.1	151.5	161.95
Aug 11	132.7	134.9	137.3	150.8	152.1	151.5	161.96
Aug 12	132.7	134.8	137.2	150.7	152.1	151.4	161.94
Aug 13	132.8	134.8	137.3	150.7	152.1	151.4	161.91
Aug 14	133.1	134.8	137.3	150.6	152.0	151.3	161.86
Aug 15	133.3	134.8	137.3	150.7	152.1	151.4	161.92
Aug 16	133.3	134.8	137.4	150.7	152.1	151.4	161.89
Aug 17	133.3	134.7	137.4	150.6	152.1	151.3	161.89
Aug 18	133.1	134.7	137.5	150.6	152.1	151.4	161.89
Aug 19	133.2	134.8	137.5	150.7	152.2	151.4	161.95
Aug 20	133.1	134.8	137.5	150.8	152.2	151.5	161.95
Aug 21	133.3	134.7	137.4	150.8	152.2	151.5	161.93
Aug 22	133.8	134.6	137.4	150.7	152.2	151.4	161.9
Aug 23	135.2	134.5	137.5	150.5	152.1	151.3	161.79
Aug 24	136.3	134.5	137.5	150.5	152.1	151.3	161.82
Aug 25	136.4	134.5	137.5	150.6	152.2	151.5	161.86
Aug 26	136.9	134.6	137.5	150.9	152.3	151.6	161.96
Aug 27	137.2	134.6	137.5	150.9	152.4	151.7	162.01
Aug 28	137.5	134.5	137.5	150.8	152.3	151.5	161.94
Aug 29	137.8	134.5	137.5	150.8	152.3	151.5	161.85
Aug 30	138.3	134.5	137.5	150.8	152.4	151.6	161.85
Aug 31	137.9	134.5	137.6	151.0	152.4	151.8	161.99
Average	**133.8**	**134.7**	**137.3**	**150.7**	**152.2**	**151.5**	**161.91**

Solid Waste Daily Borehole Temperature Averages for Borehole 20

Chiquita LF

	Depth from Surface		
TP-20	**15 ft**	**30 ft**	**45 ft**
Aug 1	122.5	130.9	138.6
Aug 2	122.8	131.1	138.7
Aug 3	122.8	131.1	138.7
Aug 4	122.7	131.1	138.7
Aug 5	122.6	131.1	138.8
Aug 6	122.6	131.0	138.7
Aug 7	122.5	131.0	138.7
Aug 8	122.6	131.0	138.5
Aug 9	122.8	131.0	138.5
Aug 10	123.0	130.9	138.6
Aug 11	123.1	131.0	138.5
Aug 12	123.4	131.0	138.5
Aug 13	123.3	130.9	138.5
Aug 14	123.2	130.9	138.5
Aug 15	123.4	130.9	138.6
Aug 16	123.8	131.0	138.4
Aug 17	124.0	131.0	138.4
Aug 18	124.5	131.2	138.3
Aug 19	124.6	131.2	138.4
Aug 20	124.2	131.2	138.4
Aug 21	121.7	130.6	138.2
Aug 22	120.9	130.3	137.9
Aug 23	120.6	130.2	137.8
Aug 24	121.3	130.1	137.8
Aug 25	123.8	130.3	138.0
Aug 26	126.8	131.0	138.1
Aug 27	128.2	131.7	138.1
Aug 28	129.1	132.2	138.1
Aug 29	129.9	132.6	137.9
Aug 30	130.9	133.2	137.9
Aug 31	131.8	133.4	138.1
Average	**124.2**	**131.2**	**138.3**

Attachment F

Lab Analysis and Draeger Tube Readings

Attachment F - Lab Analysis and Draeger Tube Data
August 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
8/1/24	FL-2009	38	35.7	276	404.5	160	187	276	612.4
8/2/24	FL-2009	38	38.7	247	365.3	150	169	296	627.7
8/3/24	FL-2009	40	45.4	249	377.2	150	158	243	534.3
8/4/24	FL-2009	5	28	287	397.3	200	192	273	613.3
8/5/24	FL-2009	39	55.4	244	387.0	150	173	254	566.0
8/6/24	FL-2009	48	59.4	254	400.3	100	148	256	541.0
8/7/24	FL-2009	55	59.7	254	402.0	140	152	272	570.1
8/8/24	FL-2009	35	52.6	230	364.0	180	170	411	772.5
8/9/24	FL-2009	18	32.1	269	367.5	140	188	387	785.2
8/10/24	FL-2009	46	54.2	220	336.7	190	185	365	744.3
8/11/24	FL-2009	3	7.87	230	290.2	150	189	422	833.6
8/12/24	FL-2009	8	11	246	328.5	180	193	386	777.9
8/13/24	FL-2009	12	14.4	215	298.9	210	199	376	770.8
8/14/24	FL-2009	8	18.2	253	355.6	160	185	343	710.8
8/15/24	FL-2009	12	19.1	239	338.2	200	216	387	806.7
8/16/24	FL-2009	8	12.3	296	403.4	160	263	489	1017.5
8/17/24	FL-2009	20	22.5	238	335.6	200	244	435	903.9
8/18/24	FL-2009	12	18.1	277	380.2	200	222	378	811.3
8/19/24	FL-2009	20	24	238	344.6	200	252	424	909.4
8/20/24	FL-2009	13	17.4	271	377.2	150	192	331	705.1
8/21/24	FL-2009	20	26.9	256	374.8	200	184	294	637.3
8/22/24	FL-2009	20	24	267	370.6	180	185	289	626.3
8/23/24	FL-2009	20	23.1	253	352.9	180	168	282	603.8
8/24/24	FL-2009	12	13.8	262	351.3	140	174	336	673.0
8/25/24	FL-2009	4	4.63	298	383.6	300	198	373	752.5
8/26/24	FL-2009	7	9.08	275	361.6	200	192	325	673.6
8/27/24	FL-2009	5	6.29	295	412.3	150	181	382	750.6
8/28/24	FL-2009	10	11.2	277	383.1	190	178	345	694.3
8/29/24	FL-2009	12	12.5	267	358.3	200	165	328	648.7
8/30/24	FL-2009	10	12.4	267	366.4	180	182	328	671.5
8/31/24	FL-2009	14	16.3	250	339.1	Zeeco Offline			

Attachment F - Lab Analysis and Draeger Tube Data

Chiquita Canyon Landfill Flare Station H_2S Draeger Tube Readings

August 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**
8/1/2024	7:45	38	x			Jaime Coronel	FL-2009
8/2/2024	7:35	38	x			Jaime Coronel	FL-2009
8/3/2024	8:01	40	x			Cage Johnson	FL-2009
8/4/2024	16:45	5		x		Lenner Borbon	FL-2009
8/5/2024	7:17	39		x		Eric Arias	FL-2009
8/6/2024	8:10	48		x		Eric Arias	FL-2009
8/7/2024	7:45	55	x			Jaime Coronel	FL-2009
8/8/2024	8:05	35		x		Jaime Coronel	FL-2009
8/9/2024	15:15	18		x		Jaime Coronel	FL-2009
8/10/2024	7:35	46		x		Jaime Coronel	FL-2009
8/11/2024	15:49	3		x		Lenner Borbon	FL-2009
8/12/2024	8:40	8		x		Erik Navarro	FL-2009
8/13/2024	7:20	12		x		Jaime Coronel	FL-2009
8/14/2024	7:35	8		x		Jaime Coronel	FL-2009
8/15/2024	7:33	12		x		Jaime Coronel	FL-2009
8/16/2024	14:30	8		x		Jaime Coronel	FL-2009
8/17/2024	8:22	20		x		Cage Johnson	FL-2009
8/18/2024	16:34	12		x		Lenner Borbon	FL-2009
8/19/2024	8:10	20		x		Erik Navarro	FL-2009
8/20/2024	16:00	13		x		Eric Arias	FL-2009
8/21/2024	8:30	20		x		Erik Navarro	FL-2009
8/22/2024	8:29	20		x		Cage Johnson	FL-2009
8/23/2024	8:13	20		x		Eric Arias	FL-2009
8/24/2024	8:00	12		x		Jaime Coronel	FL-2009
8/25/2024	16:02	4		x		Lenner Borbon	FL-2009
8/26/2024	8:37	7		x		Erik Navarro	FL-2009
8/27/2024	15:11	5		x		Erik Navarro	FL-2009
8/28/2024	8:57	10		x		Eric Arias	FL-2009
8/29/2024	7:55	12		x		Cage Johnson	FL-2009
8/30/2024	7:59	10		x		Erik Navarro	FL-2009
8/31/2024	7:20	14		x		Jaime Coronel	FL-2009

Attachment F - Lab Analysis and Draeger Tube Data

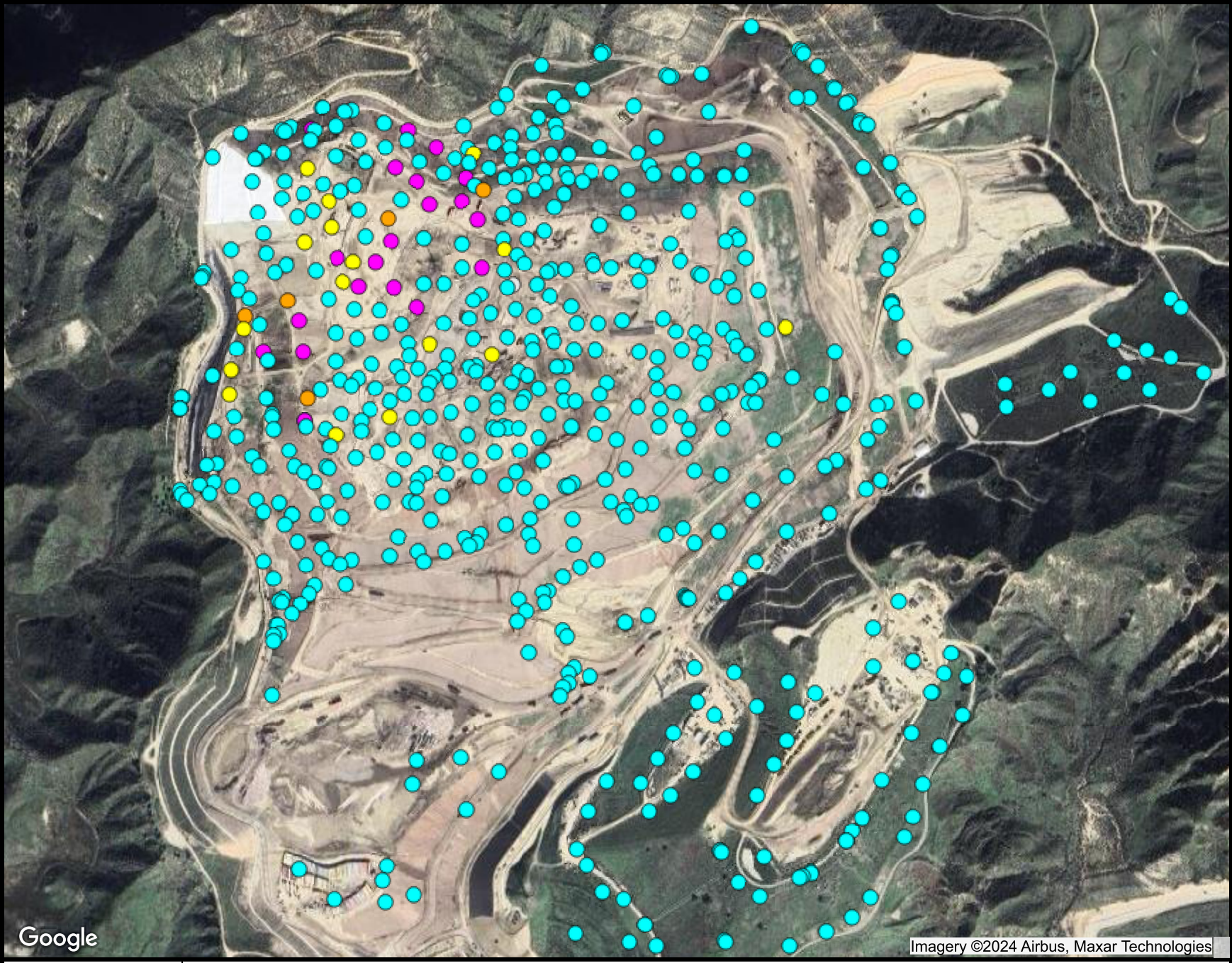
Chiquita Canyon Landfill Zeeco TOx H_2S Draeger Tube Readings

August 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**
8/1/2024	7:30	160			x	Jaime Coronel
8/2/2024	7:25	150			x	Jaime Coronel
8/3/2024	7:59	150			x	Cage Johnson
8/4/2024	16:30	200			x	Lenner Borbon
8/5/2024	6:51	150			x	Eric Arias
8/6/2024	8:08	100			x	Eric Arias
8/7/2024	7:49	140			x	Jaime Coronel
8/8/2024	8:15	180			x	Jaime Coronel
8/9/2024	15:00	140			x	Jaime Coronel
8/10/2024	7:25	190			x	Jaime Coronel
8/11/2024	15:01	150			x	Lenner Borbon
8/12/2024	8:45	180			x	Erik Navarro
8/13/2024	7:10	210			x	Jaime Coronel
8/14/2024	7:25	160			x	Jaime Coronel
8/15/2024	6:20	200			x	Jaime Coronel
8/16/2024	14:40	160			x	Jaime Coronel
8/17/2024	8:24	200			x	Cage Johnson
8/18/2024	16:21	200			x	Lenner Borbon
8/19/2024	8:00	200			x	Erik Navarro
8/20/2024	16:05	150			x	Eric Arias
8/21/2024	8:25	200			x	Erik Navarro
8/22/2024	8:25	180			x	Donald Senegal
8/23/2024	8:05	180			x	Eric Arias
8/24/2024	7:45	140			x	Jaime Coronel
8/25/2024	15:48	300			x	Lenner Borbon
8/26/2024	8:38	200			x	Erik Navarro
8/27/2024	15:12	150			x	Erik Navarro
8/28/2024	8:46	190			x	Eric Arias
8/29/2024	7:50	200			x	Cage Johnson
8/30/2024	8:00	180			x	Erik Navarro
8/31/2024	Zeeco Offline					

Attachment G

Graphic Map



Ranges Mapped

				# Points
>	-50	and <=	145	568
>	145	and <=	160	16
>	160	and <=	169.99	6
>	169.99	and <=	999	20
	N/A		N/A	1

Point Type Legend

well

N

SCSeTools

Chiquita Canyon Landfill

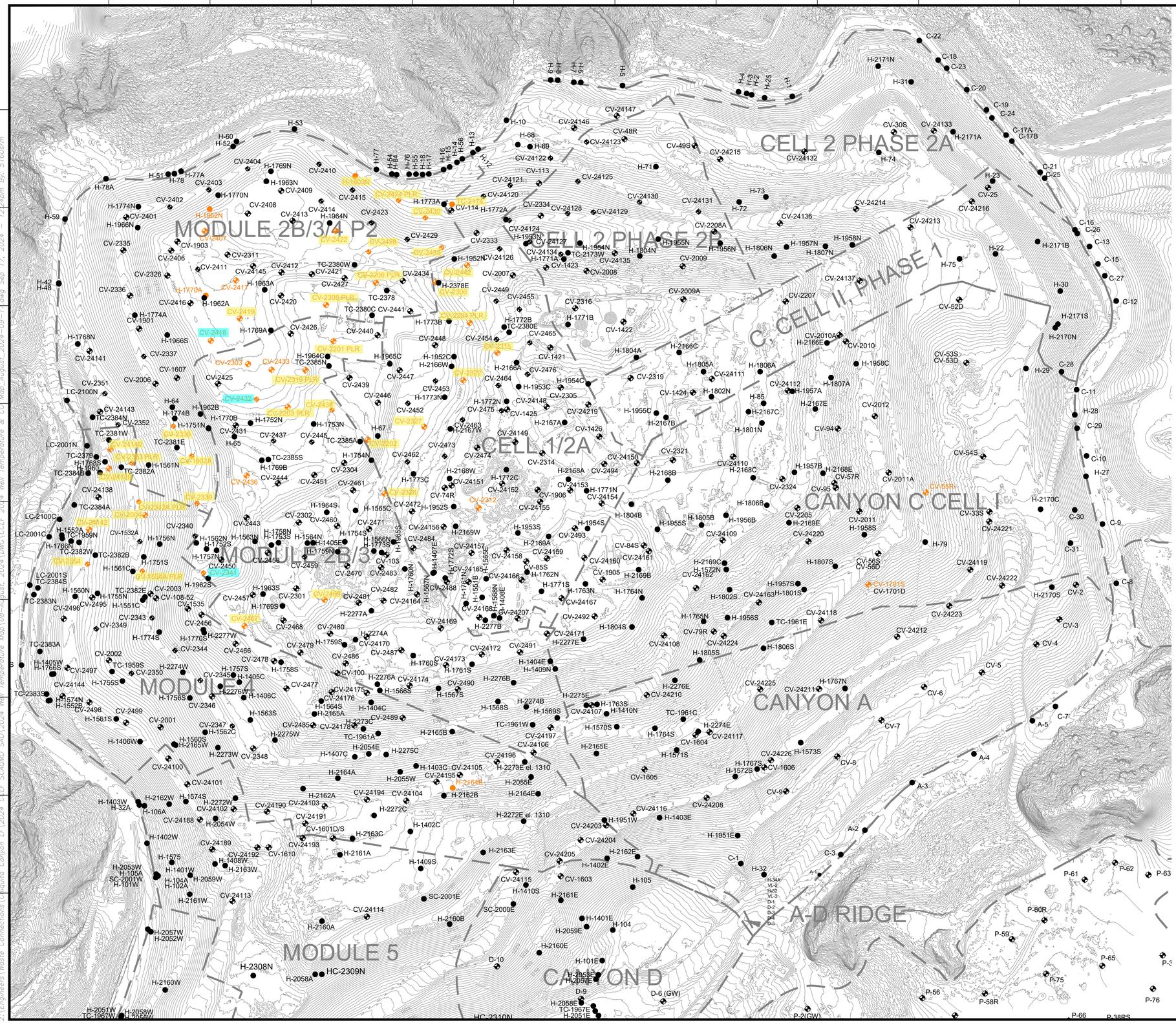
Range Map

Parameter: Adj Temp (mid range)

Analysis Method: Average

Date Range: 08/01/2024 - 08/31/2024

Map generation date : 09/03/2024



GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLOR. AERIAL PHOTOGRAPHY DATED AUGUST 28, 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 AND OTHER FEATURES ARE APPROXIMATE AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY. ACTUAL FIELD CONDITIONS MAY VARY AND SUBJECT TO CHANGE BASED ON FILL OPERATIONS. ACTUAL FIELD CONDITIONS MAT VARY AND SUBJECT TO CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT, TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.

NO.	REVISION	DATE

SHEET TITLE: WELL TEMPERATURE & CARBON MONOXIDE MAP AUGUST 2024

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:	ENGINEERS
APP. BY:	WCH
DWN. BY:	AEK
CHK. BY:	WCH
PROJ. NO:	01204123.35
DSN. BY:	-

DATE: 09/17/2024

SCALE: AS SHOWN

SHEET: 1

Z:\Engineers\Waste Connections\Chiquita Canyon LF\2024 CCLF SCAQMD SAO\2024 Well Temperature Map\08-August, 2024\DWG\CCLF 2024 Well Temperature & CO Map_August_2024-09-17.dwg Sep 17, 2024 - 12:24pm By: 5163rm

Attachment H

Inspection Logs

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

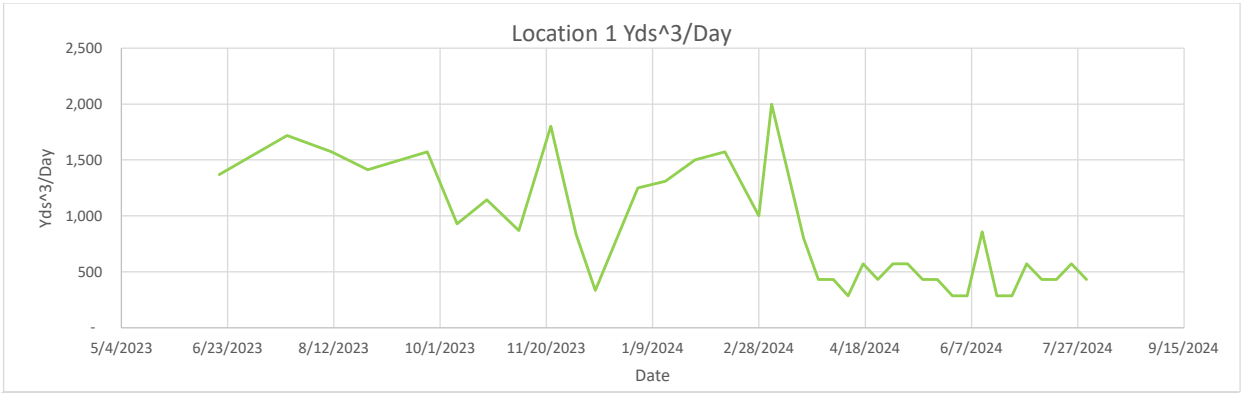
Instability

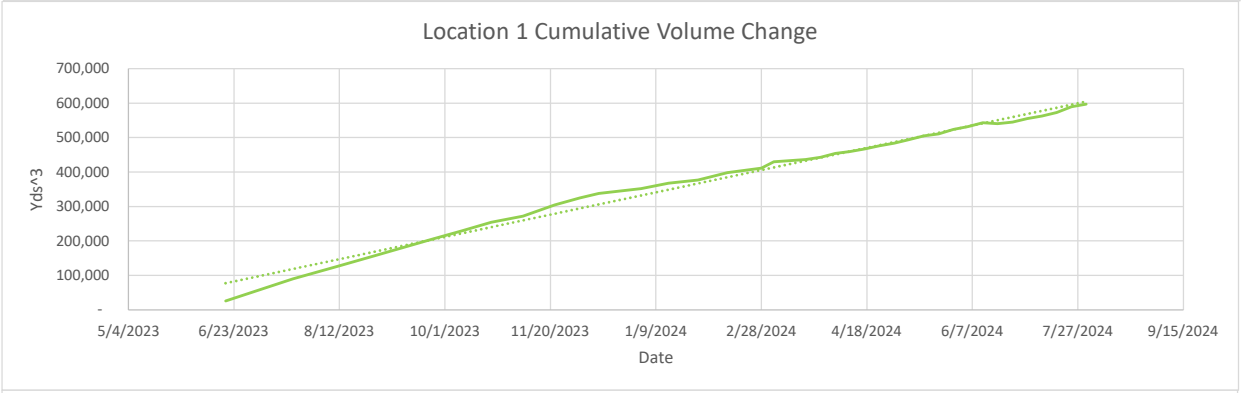
Are there any indications of slope stability concerns? No

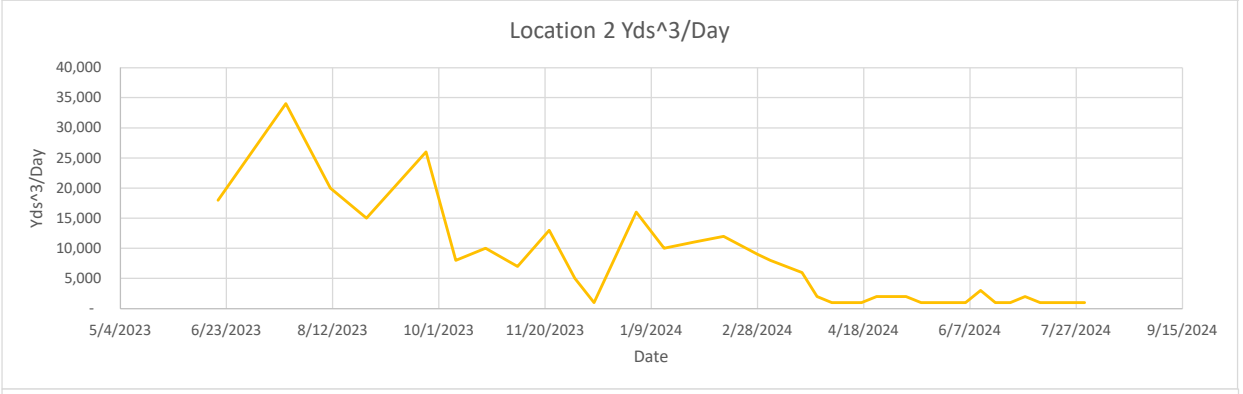
Settlement

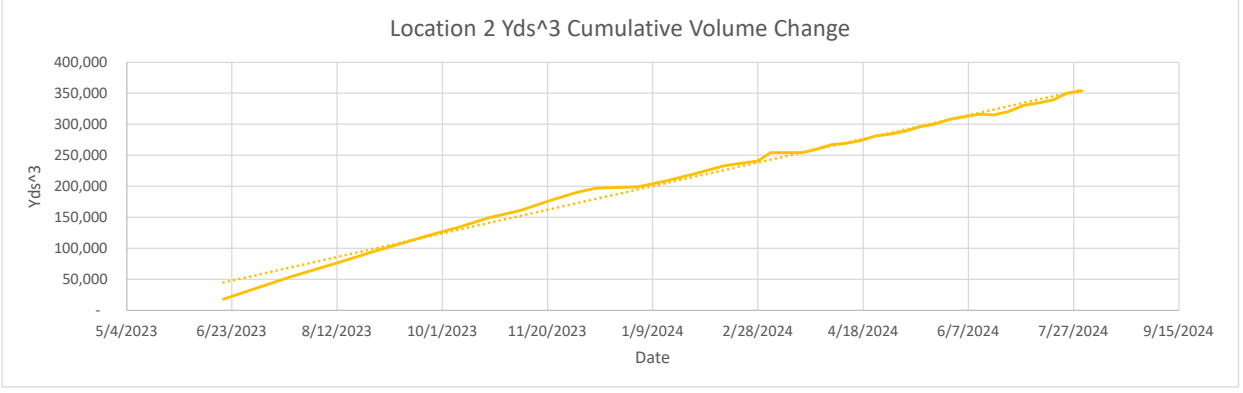
Settlement Data Notes

- 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
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	
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

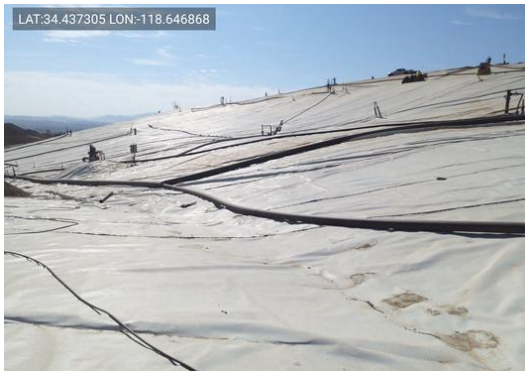


Photo 2

Photo 3

Photo 4

Photo 5

Photo 6

Photo 7

Photo 8

Photo 9

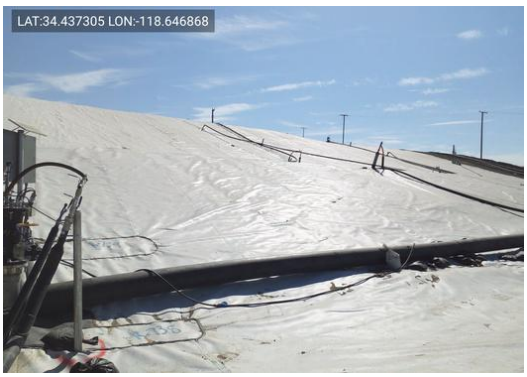


Photo 10

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

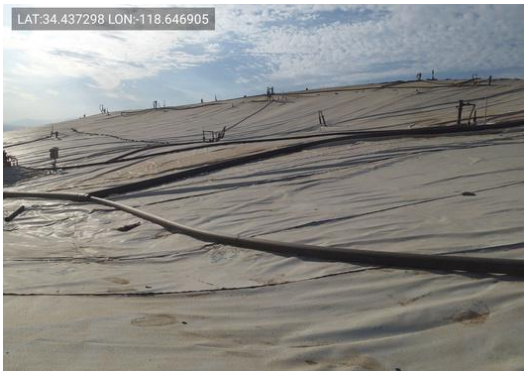


Photo 2

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

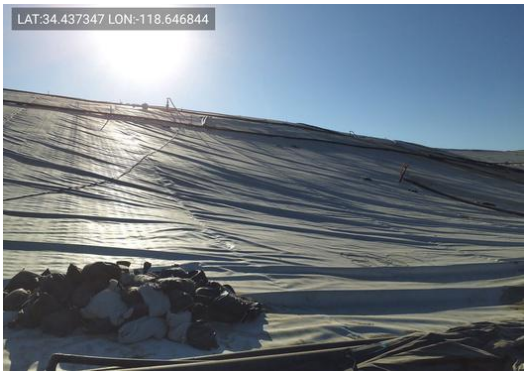


Photo 4

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

CHIQUITA CANYON
A Waste Connections Company

August 13, 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 August 5, 2024 to August 10, 2024. 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,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: August 5, 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

5 Aug 2024 / Tom Roe

Complete

Conducted on	5 Aug 2024 7:41 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

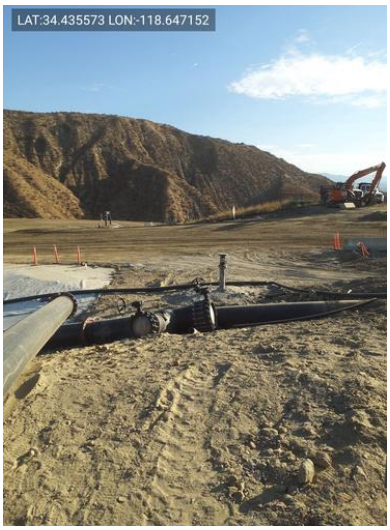


Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

6 Aug 2024 / Tom Roe

Complete

Conducted on	6 Aug 2024 8:16 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	146
Using the Media link below, attach the before photo of the fissure of tension crack.	6 Aug 2024 8:21 AM PDT

Photo 1

Photo 2

Length of crack (ft) or area containing multiple cracks (ft x ft)	15ft

Horizontal Offset (width)	Medium 2-4" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NW to SE
Location	(34.4360209, -118.647213)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 3

Date and time of repairs	6 Aug 2024 9:54 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

7 Aug 2024 / Tom Roe

Complete

Conducted on	7 Aug 2024 8:33 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

8 Aug 2024 / John Boucher

Complete

Conducted on	8 Aug 2024 10:11 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 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

9 Aug 2024 / John boucher

Complete

Conducted on	9 Aug 2024 7:51 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

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

10 Aug 2024 / John Boucher

Complete

Conducted on	10 Aug 2024 9:20 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

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

5 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	5 Aug 2024 7:04 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

6 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	6 Aug 2024 7:47 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

7 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	7 Aug 2024 7:43 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

8 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	8 Aug 2024 9:47 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

9 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	9 Aug 2024 7:34 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

10 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	10 Aug 2024 9:23 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

Geo-Logic ASSOCIATES

August 10, 2024

Mr. Steve Cassulo
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, California 91384

JULY 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 July 1 through July 31, 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 review and evaluation of Chiquita's daily Reaction Area Tracking of Fissures and Tension Cracks data sheets that document and track cover issues, and on information from Chiquita's drone aerial surveys.

July Observations

Chiquita conducts daily monitoring of the soil cover for fissures and tension cracks and of the geomembrane-covered area for damage or evidence of possible instability. The cracks and fissures that were observed in July 2024 are summarized in Table 1. Table 2 summarizes the daily observations performed in geomembrane-covered areas in July. As indicated in these tables, no potentially significant cracks or fissures were identified, and no evidence of instability was observed in the soil cover areas or the geomembrane-covered areas.[1] Although not significant, the following cracks with horizontal offsets defined as "large" or "medium" were observed in July at the locations shown in Figure 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

- An approximately 8-foot-long 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 Grid 151 on July 2, 2024. The crack was repaired with soil that was compacted on the crack location. No additional cracking or fissures were identified in Grid 151 during subsequent monitoring rounds in July. The grid location on the top deck of the landfill and the northwesterly orientation of the crack, which was oblique to the closest adjacent slope, indicates the crack was likely associated with settlement and not with slope instability.
- A crack with 2 to 4 inches of horizontal offset (defined as "medium") and less than 0.5 inches of vertical offset (defined as "extra small") was observed within an approximately 20-foot x 20-foot area in Grid 146 on July 11, 2024. The crack was repaired by filling with soil and tire-rolling. No additional cracking or fissures were observed during subsequent July monitoring rounds. The grid location on the top deck of the landfill indicates the crack was likely associated with settlement and not with slope instability.
- A crack with 2 to 4 inches of horizontal offset (defined as "medium") and 0.5 to 2 inches of vertical offset (defined as "small") was observed within an approximately 10-foot x 30-foot area in Grid 153 on July 24, 2024. The crack was repaired by filling with soil and track-walking. No additional cracking or fissures were observed during subsequent July monitoring rounds. The grid location on the top deck of the landfill indicates the crack was likely associated with settlement and not with slope instability.

Cross Sections

Cross sections that compare June 26, 2024 and July 24, 2024 topography are shown in Figures 2A through 2E. The locations of the cross sections are shown in Figure 1. These cross sections show no evidence of deformation indicative of instability in July, which is consistent with the daily site observations described above and the information summarized in Tables 1 and 2.

Previous Monitoring Results and Trends

Previous monitoring in May and June 2024 indicated potentially significant cracking in the following grids:

- **Grid 183.** The May 2024 monthly summary report described one potentially significant tension crack in Grid 183 identified on May 23, 2024 that was

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.

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. This grid has been covered with a geomembrane and there was no evidence of instability associated with this (or any) geomembrane-covered area in July 2024 (see Table 2).

- **Grid 151.** The May 2024 monthly report indicated that potentially significant cracking may have been present in Grid 151 on May 20 and May 28, 2024, and the June monthly report identified a crack, although not significant, with more than 4 inches of horizontal offset and 0.5 to 2 inches of vertical offset that 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. As described above, a non-significant crack with a horizontal offset defined as "medium" was identified in Grid 151 on July 11, 2024. The July crack was repaired and there was no evidence of additional cracking in this grid during the subsequent July monitoring rounds. There was no evidence of instability associated with this (or any) grid identified in July 2024.
- **Grid 180.** 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 June monitoring rounds. 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). This grid has been covered with a geomembrane and there was no evidence of instability associated with geomembrane-covered area in July 2024 (see Table 2).
- **Grid 152.** An approximately 55-foot-long crack was observed within Grid 152 on June 24, 2024. The horizontal offset was identified as "small." This crack was not noted during subsequent monitoring rounds in June, and there was no cracking observed in this grid in July. Grid 152 has been partially covered with a geomembrane and is near the center of the landfill's top deck. The orientation of the June 2024 crack was northwest-to-southeast, which is oblique to the closest adjacent slope. This information indicates the crack was associated with settlement and is not related to slope instability. There was no evidence of instability associated with this (or any) grid identified in July 2024.

Most of the fissures and tension cracks identified between April and July 2024 were identified in grids located on the top deck of the landfill. Although much of the reaction area has been covered with a geomembrane and the soil cover cannot be observed in the geomembrane-covered areas, the July observations of soil cover areas indicate the frequency and extent of cracking and fissures has significantly decreased compared to the previous monthly measurements. Based on the Chiquita monitoring logs and on GLA observations during multiple site visits, including most recently on July 29, 2024, the above-described cracking documented in Grids 151, 146, and 153 in July 2024 was 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-**L**ogic **A**ssociates, Inc.

Richard A. Mitchell, PG, CEG
Principal Engineering Geologist

Table 1
SUMMARY OF JULY 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
7/1/2024				No Cracks Found	Area									No
7/2/2024	151			Top Deck	Linear	8		Large	Small	NW	34.436285	-118.647415	Yes	No
7/3/2024				No Cracks Found	Area									No
7/5/2024				No Cracks Found	Area									No
7/6/2024				No Cracks Found	Area									No
7/8/2024				No Cracks Found	Area									No
7/9/2024				No Cracks Found	Area									No
7/10/2024				No Cracks Found	Area									No
7/11/2024	146			Top Deck	Area		20x20	Medium	Extra Small	NW	34.435962	-118.647058	Yes	No
7/12/2024				No Cracks Found	Area									No
7/13/2024				No Cracks Found	Area									No
7/15/2024				No Cracks Found	Area									No
7/16/2024				No Cracks Found	Area									No
7/17/2024				No Cracks Found	Area									No
7/18/2024				No Cracks Found	Area									No
7/19/2024				No Cracks Found	Area									No
7/20/2024				No Cracks Found	Area									No
7/22/2024				No Cracks Found	Area									No
7/23/2024				No Cracks Found	Area									No
7/24/2024	153			Top Deck	Area		10x30	Medium	Small	NS	34.435407	-118.646878	Yes	No
7/24/2024	165			Top Deck (South)	Area		12x35	Small	Extra Small	NS	34.433331	-118.647723	Yes	
7/25/2024				No Cracks Found	Area									No
7/26/2024				No Cracks Found	Area									No
7/27/2024				No Cracks Found	Area									No
7/29/2024				No Cracks Found	Area									No
7/30/2024				No Cracks Found	Area									No
7/31/2024				No Cracks Found	Area									No

Table 1
SUMMARY OF JULY 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

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

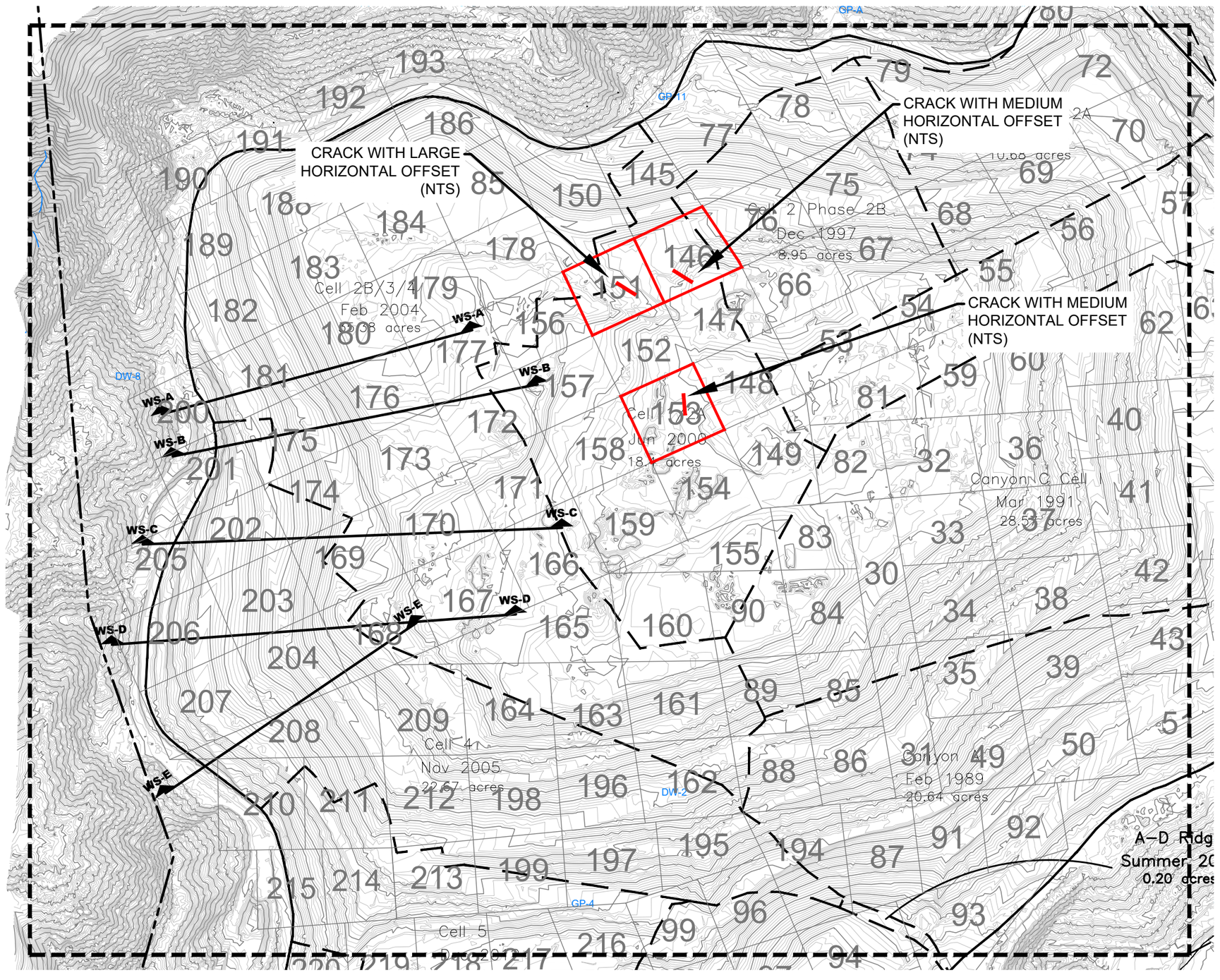
VERTICAL CRACK DEFINITIONS

Extra Small <0.5-in Height
Small 0.5-in to 2-in Height

Table 2
SUMMARY OF JULY 2024 GEOMEMBRANE COVER OBSERVATIONS
Chiquita Canyon Landfill

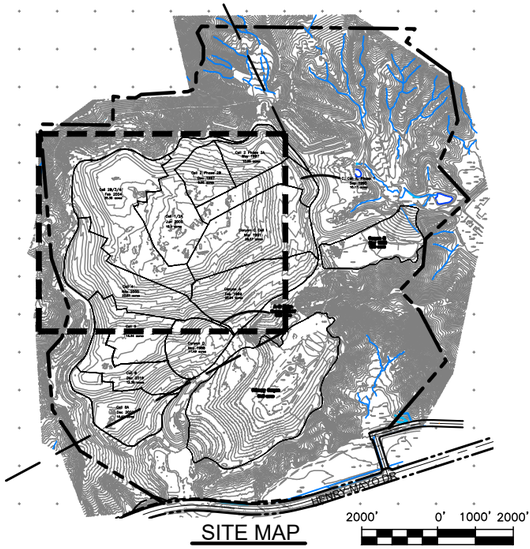
DATE	ISSUES OR CONCERNS			
	Issue Identified	Evidence of Underlying Deformation	Tension Cracks at Top of Slope or Bulging at Toe of Slope	Vetical Deformation of Infrastructure Such as Wells or Probes
7/1/2024	Yes[2]	No	No	No
7/2/2024	No	No	No	No
7/3/2024	No	No	No	No
7/5/2024	No	No	No	No
7/6/2024	No	No	No	No
7/8/2024	No	No	No	No
7/9/2024	No	No	No	No
7/10/2024	No	No	No	No
7/11/2024	No	No	No	No
7/12/2024	No	No	No	No
7/13/2024	No	No	No	No
7/15/2024	No	No	No	No
7/16/2024	No	No	No	No
7/17/2024	No	No	No	No
7/18/2024	No	No	No	No
7/19/2024	No	No	No	No
7/20/2024	No	No	No	No
7/22/2024	No	No	No	No
7/23/2024	No	No	No	No
7/24/2024	No	No	No	No
7/25/2024	No	No	No	No
7/26/2024	No	No	No	No
7/27/2024	No	No	No	No
7/29/2024	No	No	No	No
7/30/2024	No	No	No	No
7/31/2024	No	No	No	No

[2]Small tear in cover from equipment doing pipe work. Tear was patched.



LEGEND:

- PROPERTY LINE
- DAYLIGHT/CONTACT LINE
- (100) EXISTING GROUND SURFACE CONTOUR ELEVATION, FEET
- 100 EXISTING SUBGRADE
- CROSS SECTION
  WS= WESTERN SLOPE EVALUATION CROSS SECTION LOCATION
  NS= NORTHERN SLOPE EVALUATION CROSS SECTION LOCATION



SITE MAP

ISSUED FOR REVIEW

REFERENCE AERIAL TOPO BASED ON JANUARY 16, 2024 AERIAL SURVEY BY TETRATECH WITH MONTHLY UPDATES ON MAY 29, 2024

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.

REV. NO.	DATE	DESCRIPTION	APPROVED BY

DATE OF ISSUE: AUGUST 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

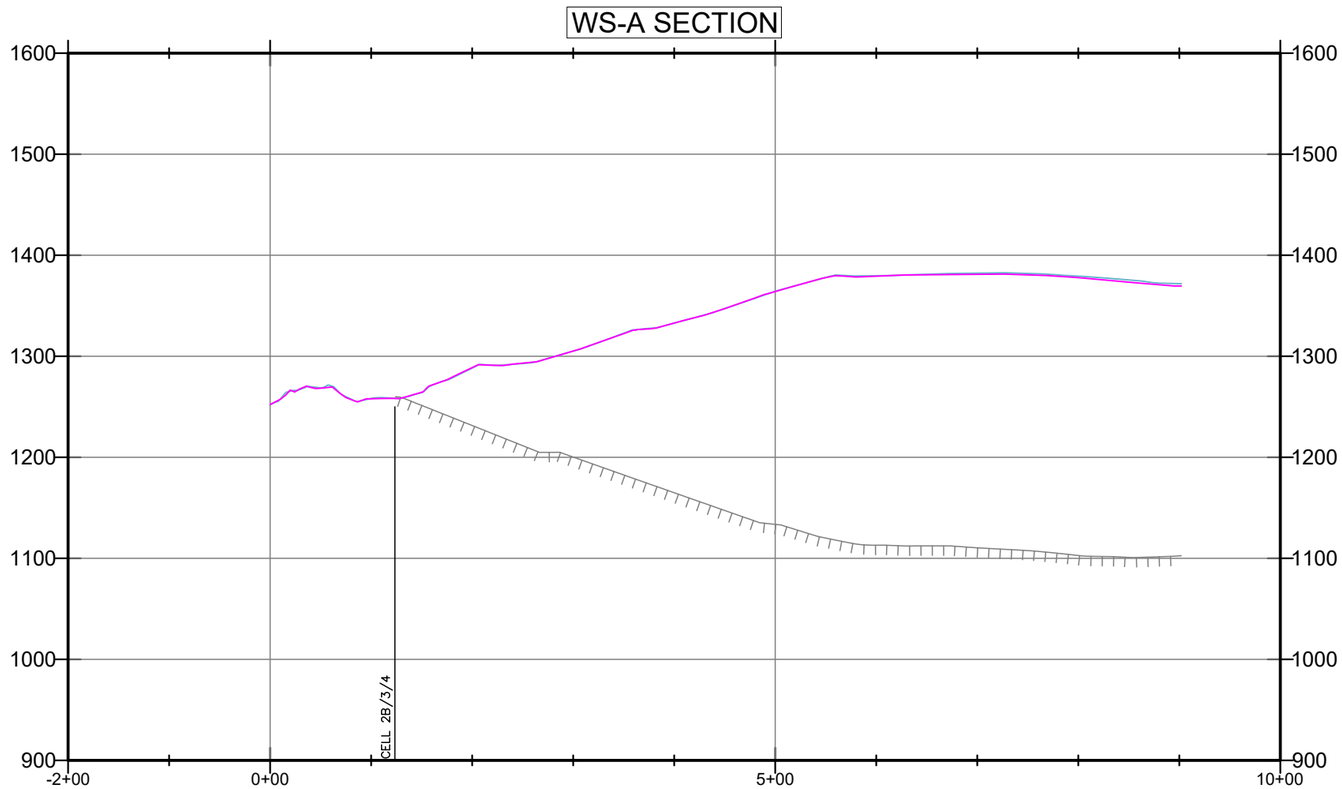
JULY 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

MONITORING GRID

DWG NO. 01

PROJECT NO. RM22.1077

P:\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\DWG SETS\RM22.1077-CCL-WELLS-04-WELLS-(2024-08-12).DWG August 12, 2024 - 10:02 AM BY: GLA-USER

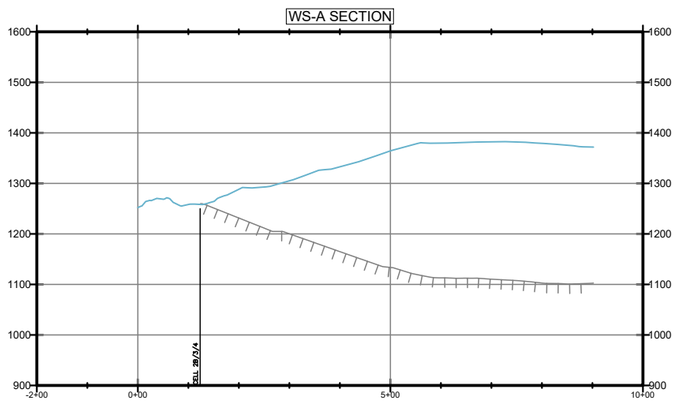


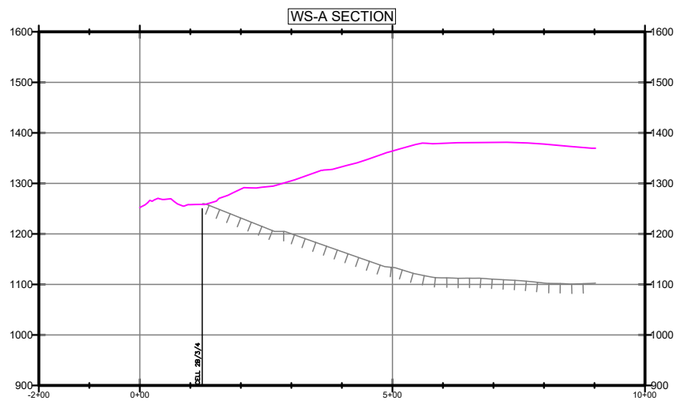
LEGEND:

- SUBGRADE
- TOPO 2024-06-26
- TOPO 2024-07-24

150’ 0’ 75’ 150’

SCALE: 1” = 150’





300’ 0’ 150’ 300’

SCALE: 1” = 300’

FIGURE 2A

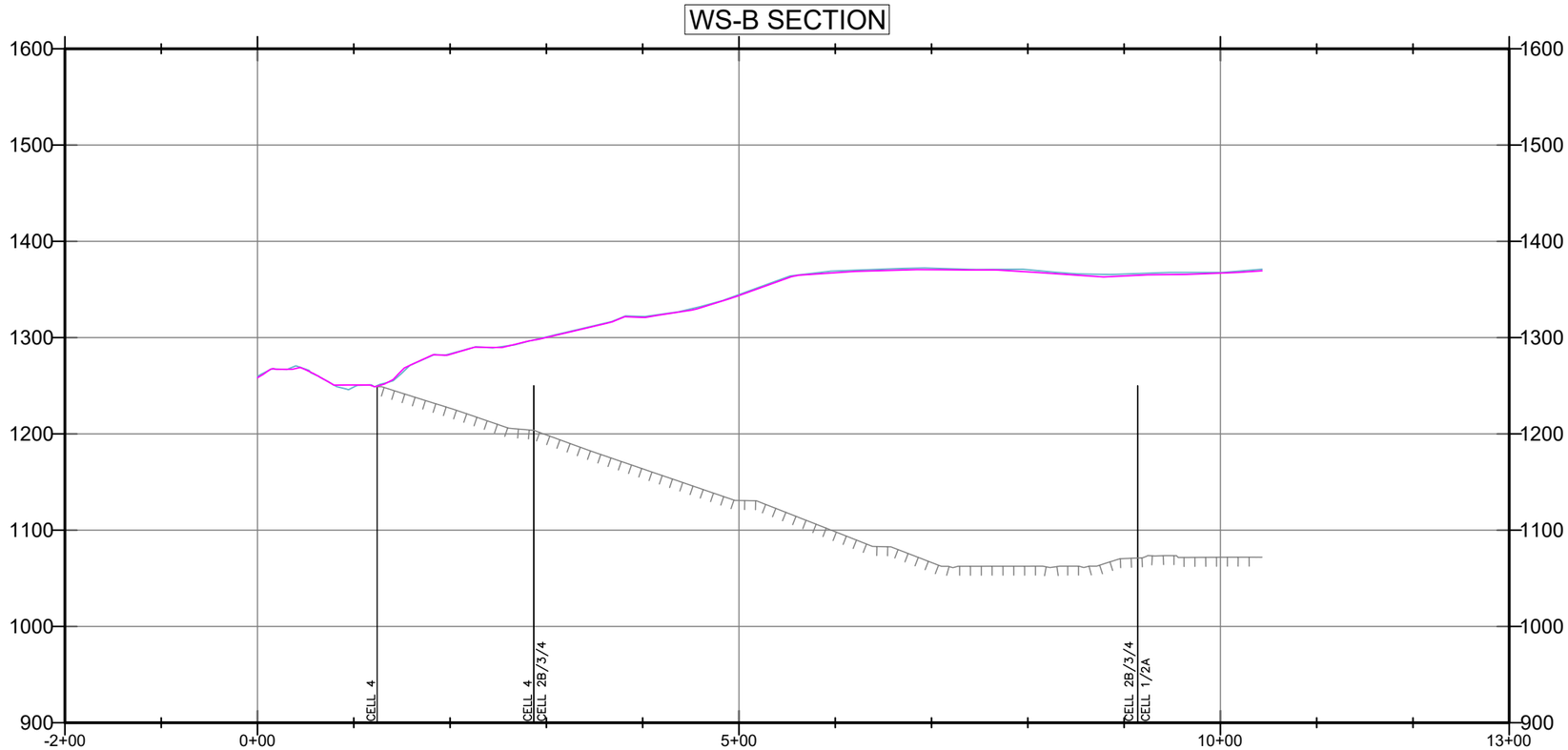
WESTERN SLOPE CROSS SECTION A

JULY 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JULY 2024	JOB NO.: RM22.1077

P:\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-07-31).DWG July 31, 2024 - 3:53 PM BY: GLA-USER

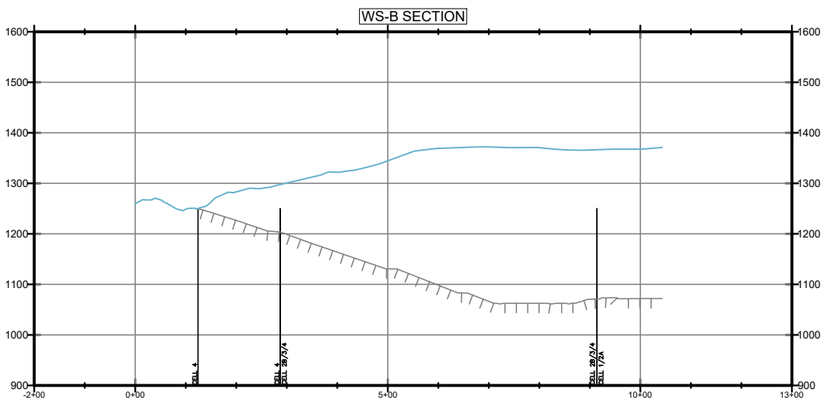


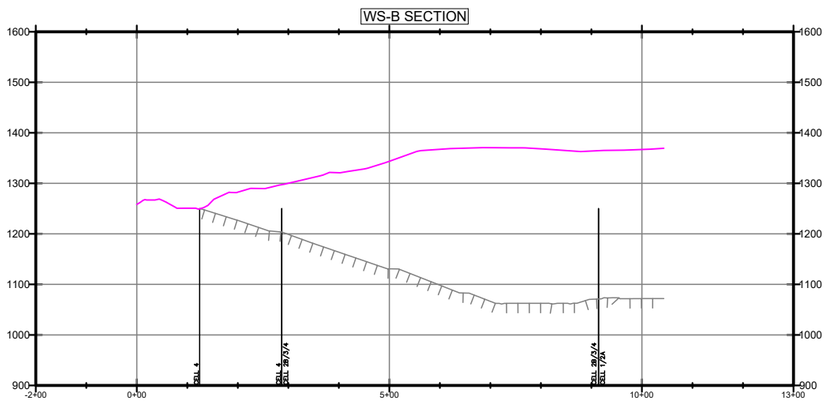
LEGEND:

- SUBGRADE
- TOPO 2024-06-26
- TOPO 2024-07-24

150’ 0’ 75’ 150’

SCALE: 1” = 150’





300’ 0’ 150’ 300’

SCALE: 1” = 300’

FIGURE 2B

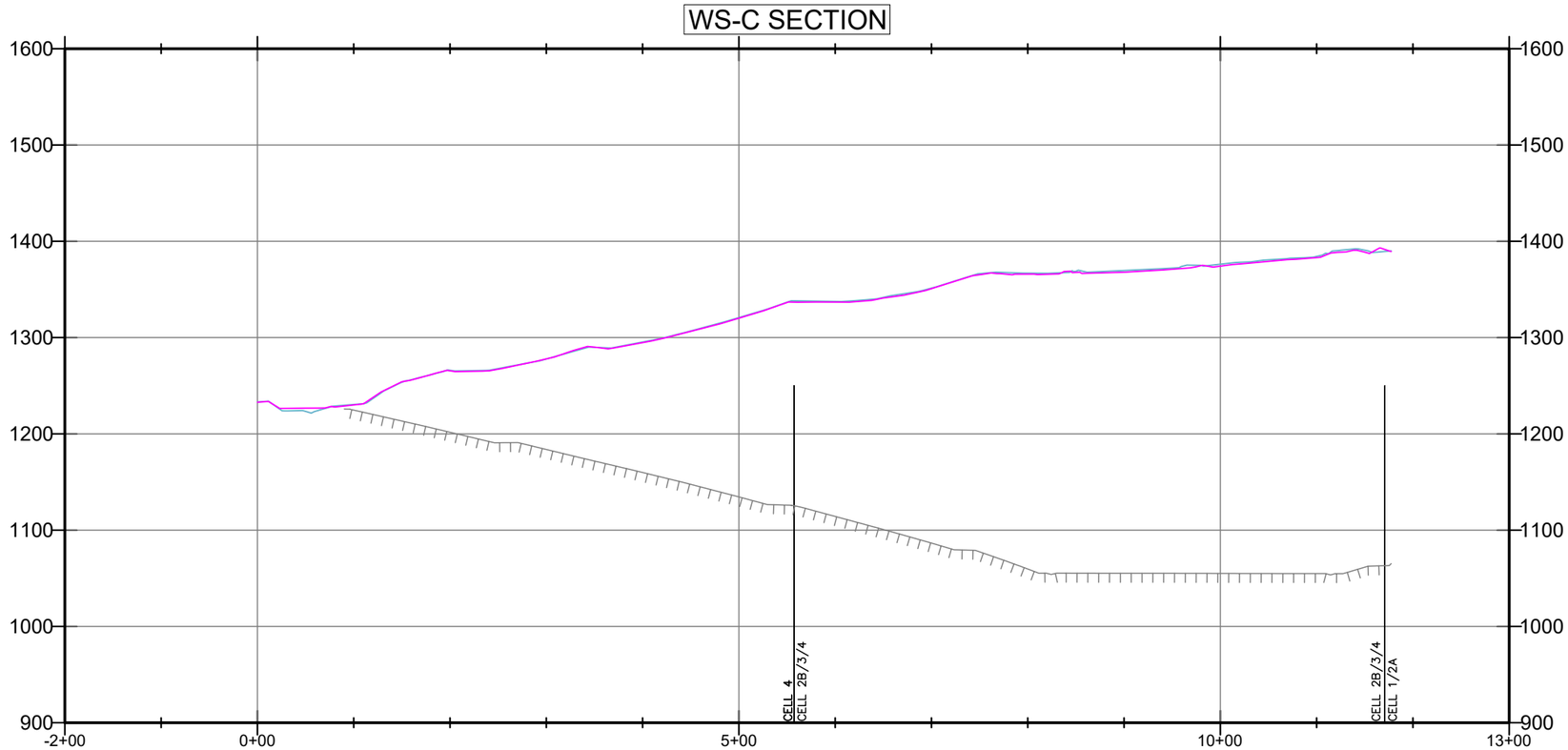
WESTERN SLOPE CROSS SECTION B

JULY 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JULY 2024	JOB NO.: RM22.1077

P:\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-07-31).DWG July 31, 2024 - 3:53 PM BY: GLA-USER

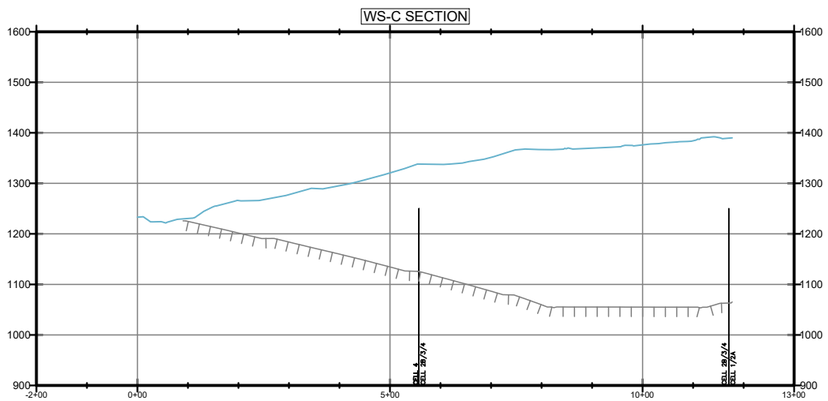


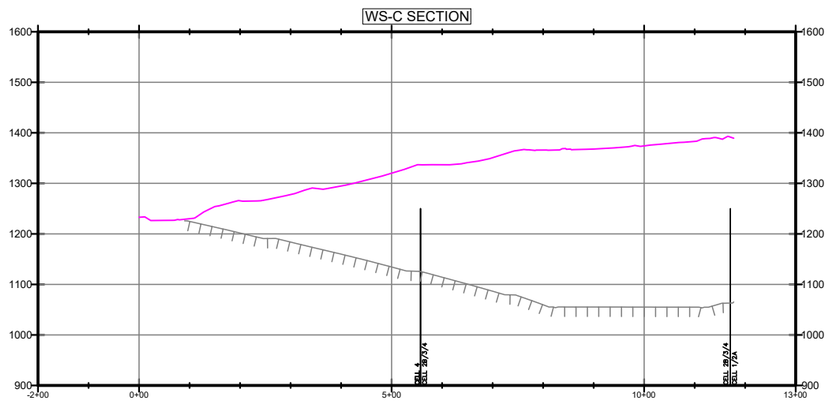
LEGEND:

- SUBGRADE
- TOPO 2024-06-26
- TOPO 2024-07-24

150’ 0’ 75’ 150’

SCALE: 1” = 150’





300’ 0’ 150’ 300’

SCALE: 1” = 300’

FIGURE 2C

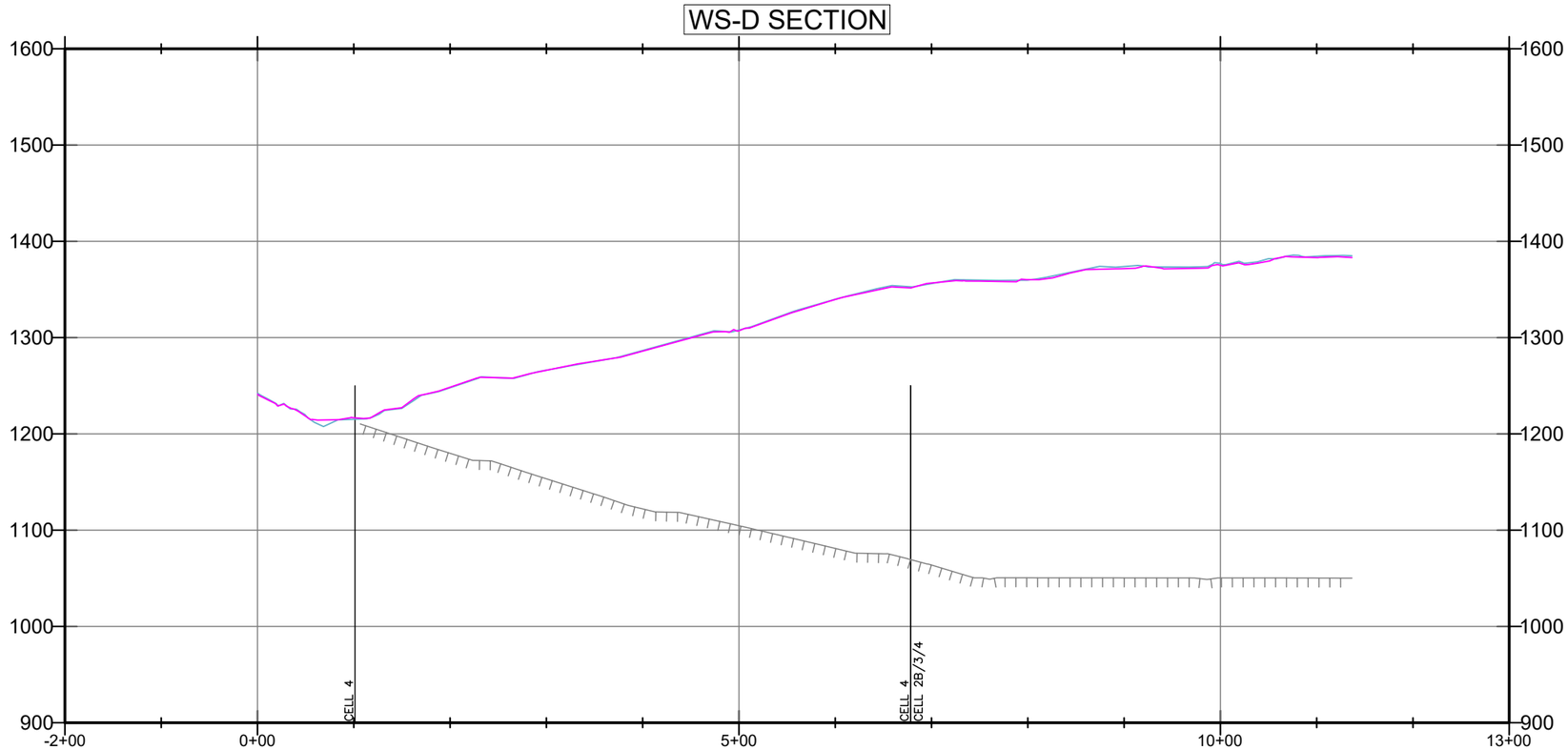
WESTERN SLOPE CROSS SECTION C

JULY 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JULY 2024	JOB NO.: RM22.1077

P:\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-07-31).DWG July 31, 2024 - 3:52 PM BY: GLA-USER

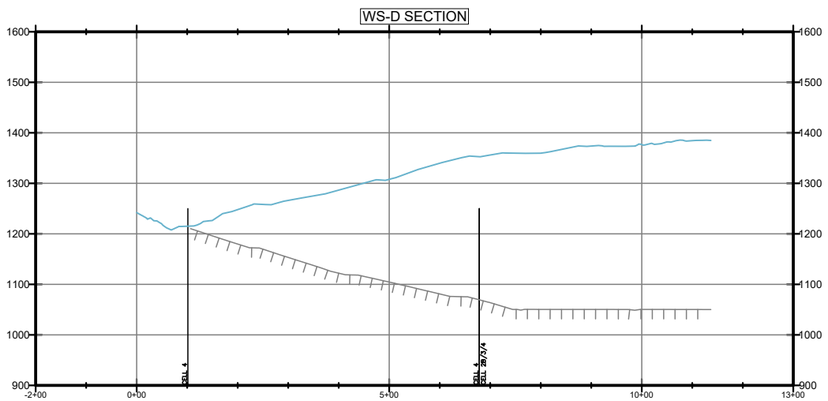


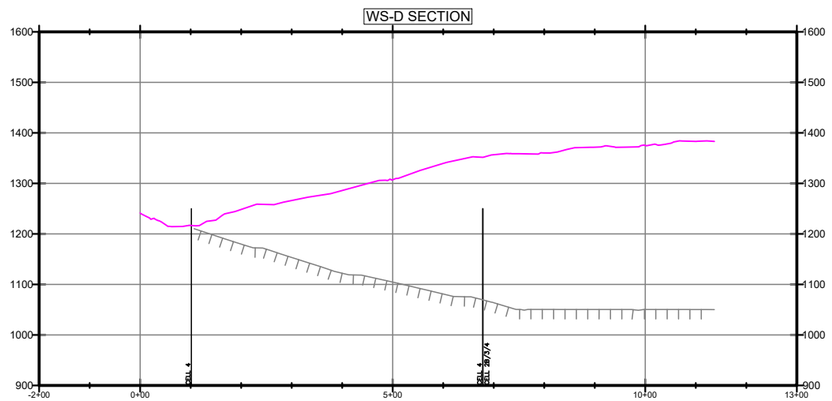
LEGEND:

- SUBGRADE
- TOPO 2024-06-26
- TOPO 2024-07-24

150’ 0’ 75’ 150’

SCALE: 1” = 150’





300’ 0’ 150’ 300’

SCALE: 1” = 300’

FIGURE 2D

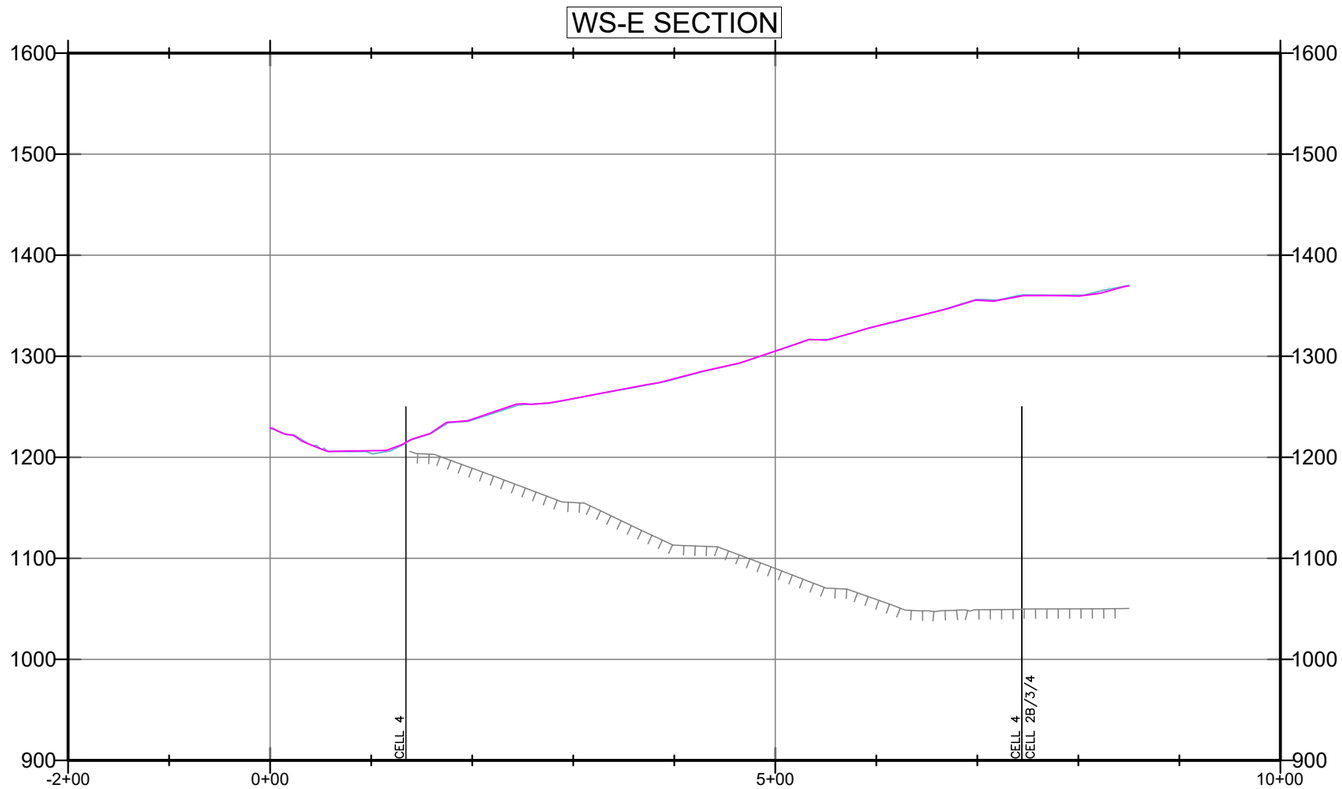
WESTERN SLOPE CROSS SECTION D

JULY 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JULY 2024	JOB NO.: RM22.1077

P:\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-07-31).DWG July 31, 2024 - 3:51 PM BY: GLA-USER



LEGEND:

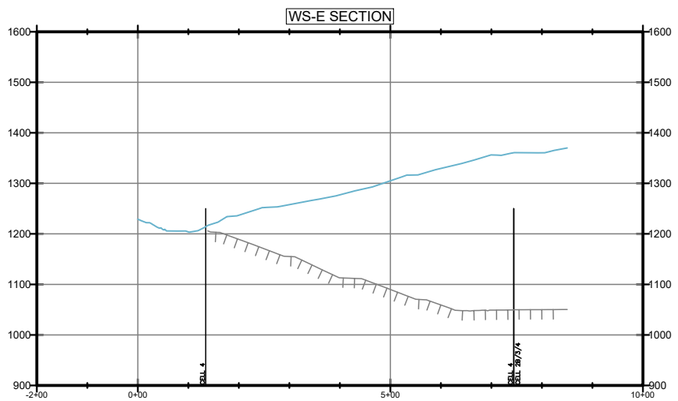
SUBGRADE

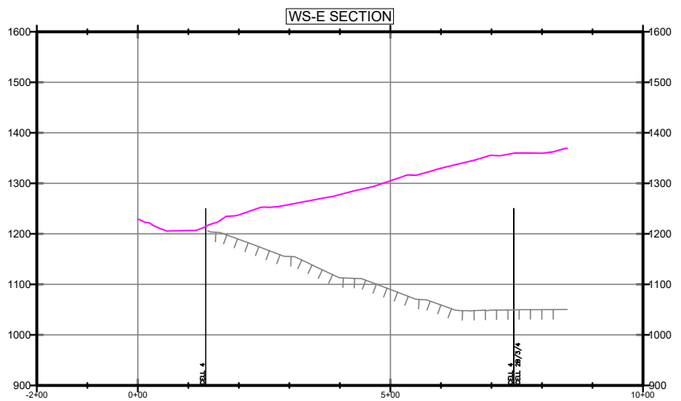
TOPO 2024-06-26

TOPO 2024-07-24

150’ 0’ 75’ 150’

SCALE: 1” = 150’





300’ 0’ 150’ 300’

SCALE: 1” = 300’

FIGURE 2E

WESTERN SLOPE CROSS SECTION E

JULY 2024 MONITORING SUMMARY
CHIQUITA CANYON LANDFILL
COUNTY OF LOS ANGELES, CA

Geo-Logic ASSOCIATES

DRAWN BY: LP/RM	DATE: JULY 2024	JOB NO.: RM22.1077

P:\SITES\CHIQUITA CYN LF\LFG WELL DRILLING\EXHIBITS\RM22.1077-CCL-WELLS- FIG 2A-2E-(2024-07-31).DWG July 31, 2024 - 3:50 PM BY: GLA-USER

CHIQUITA CANYON
A Waste Connections Company

August 20, 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 August 12, 2024 to August 17, 2024. Please contact me in the event you have any questions regarding this matter.

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: August 12, 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

12 Aug 2024 / Tom Roe

Complete

Conducted on	12 Aug 2024 8:25 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 170

Photo 1

Instability	
Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

13 Aug 2024 / Tom Roe

Complete

Conducted on	13 Aug 2024 9:54 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 152/151

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

14 Aug 2024 / Tom Roe

Complete

Conducted on	14 Aug 2024 10:48 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

15 Aug 2024 / John Boucher

Complete

Conducted on	15 Aug 2024 7:44 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. 15 Aug 2024 7:44 AM PDT

Photo 1

Photo 2

Photo 3

Photo 4

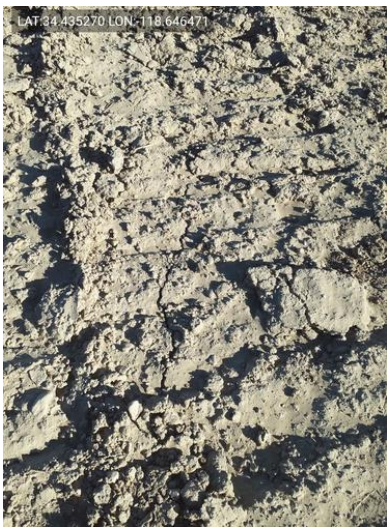


Photo 5

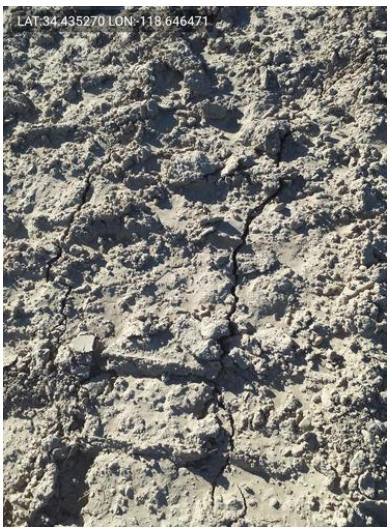


Photo 6

Photo 7

Length of crack (ft) or area containing multiple cracks (ft x ft)	15ft x 30ft 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	(34.4352702, -118.6464709)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 8

Photo 9

Photo 10

Photo 11

Date and time of repairs	15 Aug 2024 9:40 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

16 Aug 2024 / John Boucher

Complete

Conducted on	16 Aug 2024 9:05 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 157 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

17 Aug 2024 / John Boucher

Complete

Conducted on	17 Aug 2024 8:30 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

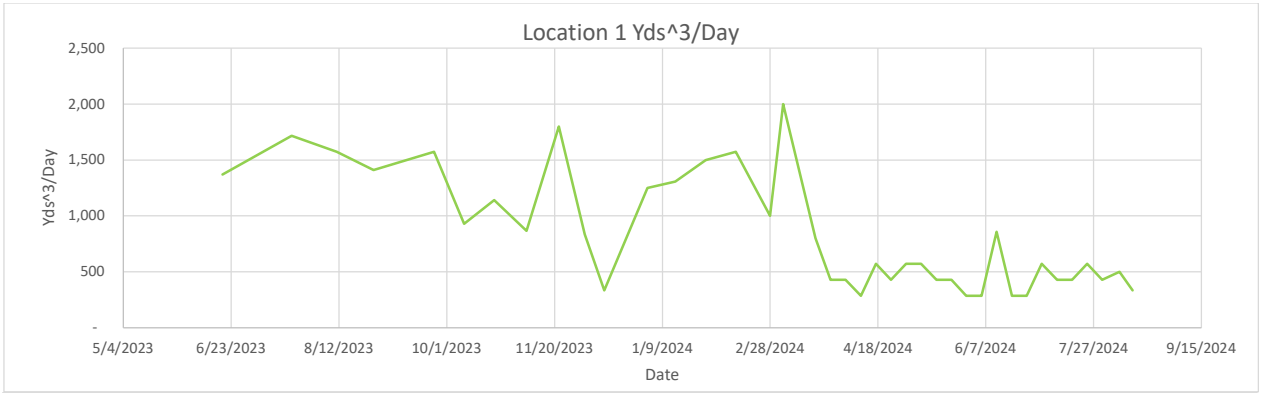
Instability

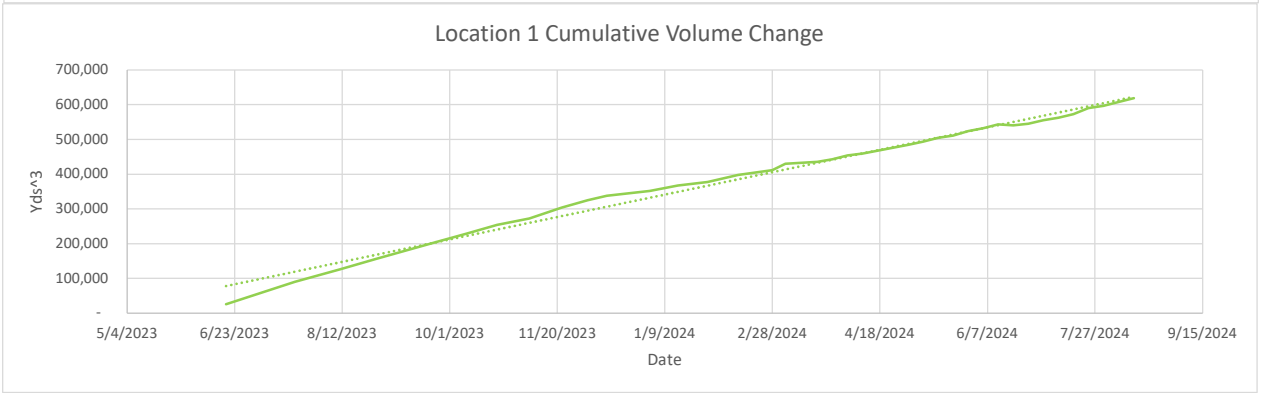
Are there any indications of slope stability concerns?	No

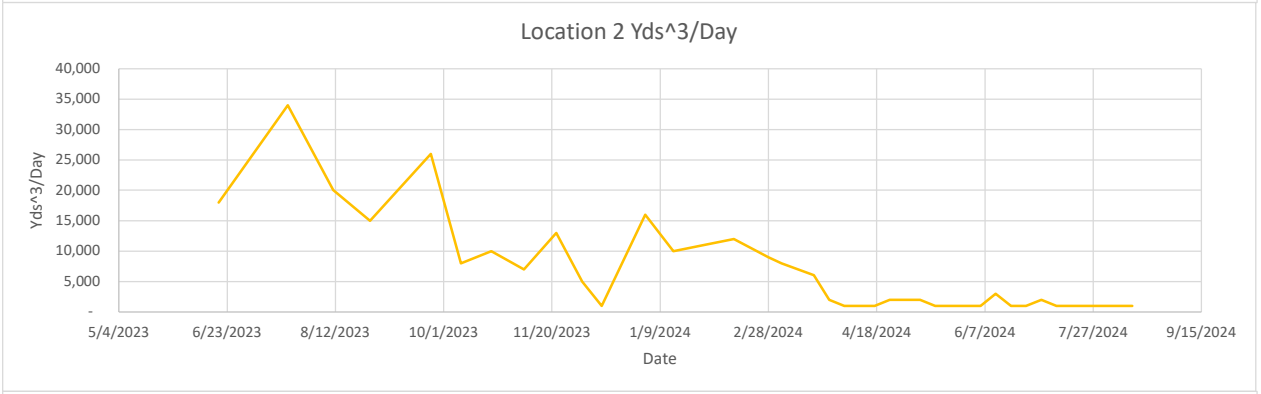
Settlement

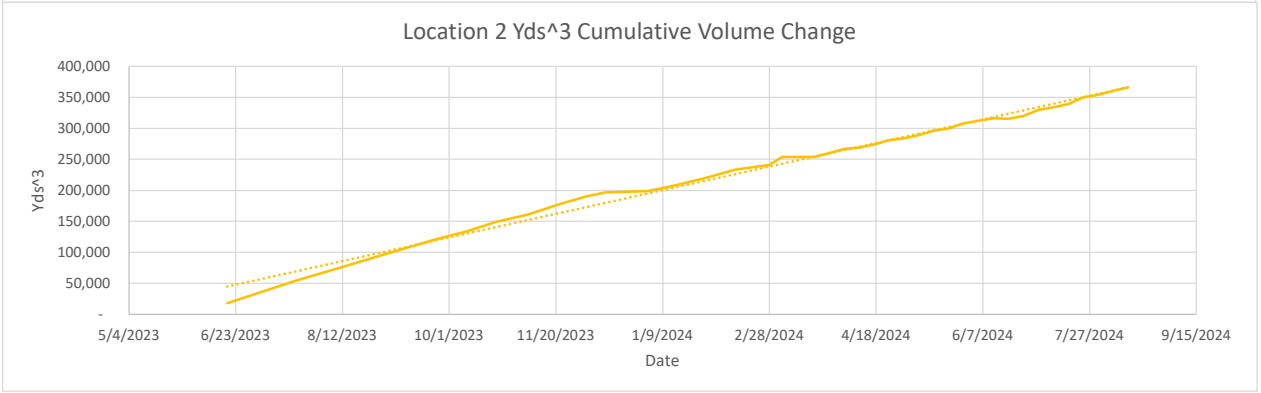
Settlement Data Notes

- The charts on the following page show the settlement in cubic yards measured at a fixed location. Accumulated settlement in location 1 increased during the 8/8/24 flyover. CCL continually investigates changes in settlement value.
- The map shows the settlement area growth between 7/31/24 (in green) and 8/14/24 (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 (CH_4:CO_2) ratios less than 1.0.
  - The concentration of hydrogen (H_2) 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	
7/24/2024	7	4,000	590,000	571	
7/31/2024	7	(3,000)	597,000	(429)	
8/8/2024	8	4,000	609,000	500	
8/14/2024	6	(2,000)	619,000	(333)	

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	
8/8/2024	8	1,000	361,000	125	
8/14/2024	6	1,000	366,000	167	

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

12 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	12 Aug 2024 8:02 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

13 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	13 Aug 2024 8:09 AM PDT
Prepared by	Tom Roe

Identification of Issues

Identified Issue

Identified Issue 1

Are there any issues with the geosynthetic cover?	No

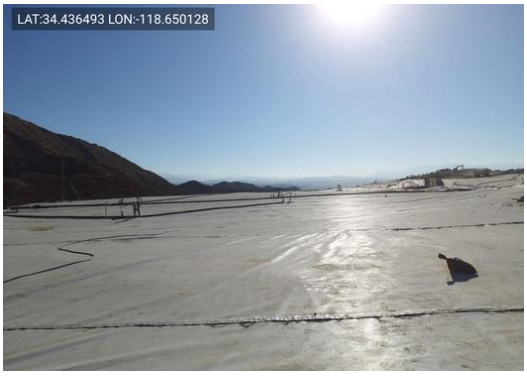


Photo 1

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

14 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	14 Aug 2024 10:24 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

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

15 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	15 Aug 2024 8:05 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

16 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	16 Aug 2024 8:22 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

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 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	17 Aug 2024 8:31 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

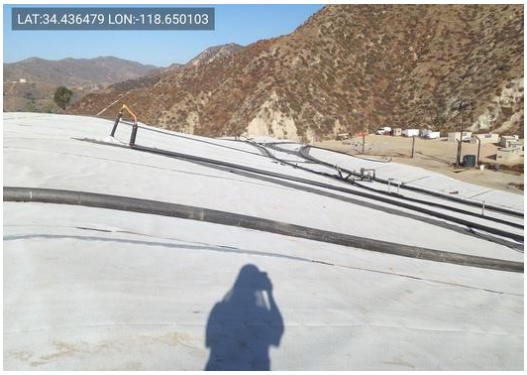


Photo 8

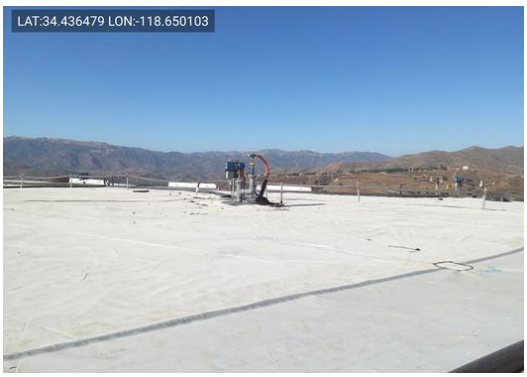


Photo 9

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

CHIQUITA CANYON
A Waste Connections Company

August 27, 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 August 19, 2024 to August 24, 2024. Please contact me in the event you have any questions regarding this matter.

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: August 19, 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

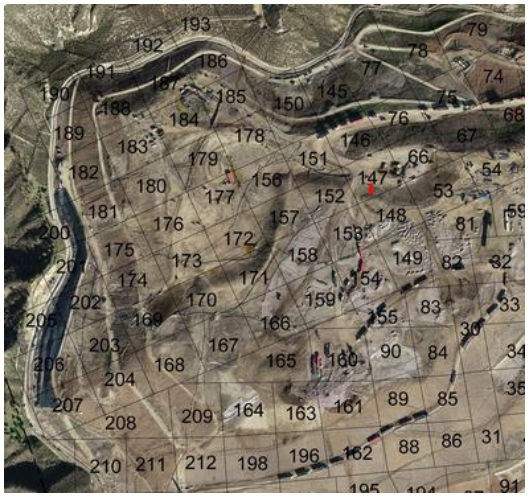
19 Aug 2024 / Tom Roe

Complete

Conducted on	19 Aug 2024 9:58 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	147
Using the Media link below, attach the before photo of the fissure of tension crack.	19 Aug 2024 10:01 AM PDT

Photo 1

Photo 2

Length of crack (ft) or area containing multiple cracks (ft x ft)	15ft

Horizontal Offset (width)	Medium 2-4" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NW to SE
Location	(34.4354897, -118.646792)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 3

Date and time of repairs	19 Aug 2024 11:45 PM 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

20 Aug 2024 / Tom Roe

Complete

Conducted on	20 Aug 2024 2:00 PM 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 170

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

21 Aug 2024 / Tom Roe

Complete

Conducted on	21 Aug 2024 8:18 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 146/151

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

22 Aug 2024 / John Boucher

Complete

Conducted on	22 Aug 2024 2:51 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 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

23 Aug 2024 / John Boucher

Complete

Conducted on	23 Aug 2024 7:58 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 North

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

24 Aug 2024 / John Boucher

Complete

Conducted on	24 Aug 2024 9:36 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

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

19 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	19 Aug 2024 9:00 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

20 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	20 Aug 2024 1:41 PM 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

21 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	21 Aug 2024 7:49 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

22 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	22 Aug 2024 7:42 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

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 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	23 Aug 2024 8:06 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

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 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	24 Aug 2024 9:24 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

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

September 3, 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 August 26, 2024 to August 31, 2024. Please contact me in the event you have any questions regarding this matter.

Regards,

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: August 26, 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

26 Aug 2024 / Tom Roe

Complete

Conducted on	26 Aug 2024 6:58 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	165

Using the Media link below, attach the before photo of the fissure of tension crack. 26 Aug 2024 7:00 AM PDT

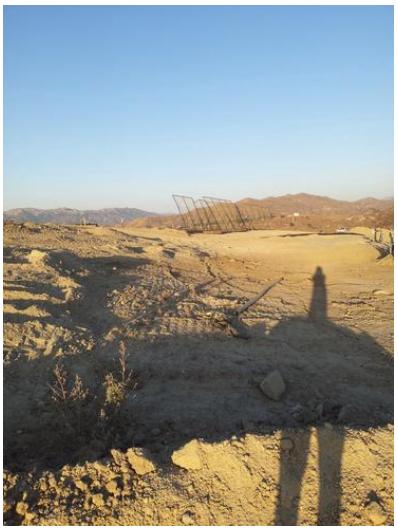


Photo 1

Photo 2

Photo 3

Photo 4

Length of crack (ft) or area containing multiple cracks (ft x ft)	20ft x 40ft
Horizontal Offset (width)	Small 0.5-2" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NE to SW
Location	(34.4334412, -118.648206)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 5

Date and time of repairs	26 Aug 2024 8:47 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

27 Aug 2024 / Tom Roe

Complete

Conducted on	27 Aug 2024 9:32 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	146

Using the Media link below, attach the before photo of the fissure of tension crack.

27 Aug 2024 9:36 AM PDT

Photo 1

Photo 2

Photo 3

Length of crack (ft) or area containing multiple cracks (ft x ft)	20ft x 10ft
Horizontal Offset (width)	Medium 2-4" in width
Vertical Offset (height)	Extra small <0.5" in height
Orientation (direction)	NW to SE
Location	(34.436146, -118.6471554)
Was Fissure or Crack fixed? If yes, add photo and description of repairs performed	Yes

Photo 4

Photo 5

Date and time of repairs	27 Aug 2024 10:39 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

28 Aug 2024 / Tom Roe

Complete

Conducted on	28 Aug 2024 9:12 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

Photo 1

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

29 Aug 2024 / John Boucher

Complete

Conducted on	29 Aug 2024 11:52 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 West to South

Photo 1

Photo 2

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

30 Aug 2024 / John boucher

Complete

Conducted on	30 Aug 2024 10:35 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 167 looking west to South

Photo 1

Photo 2

Instability

Are there any indications of slope stability concerns?	No

4050 - Chiquita Reaction Area Tracking of Fissures and Tension Cracks

31 Aug 2024 / John Boucher

Complete

Conducted on	31 Aug 2024 9:44 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

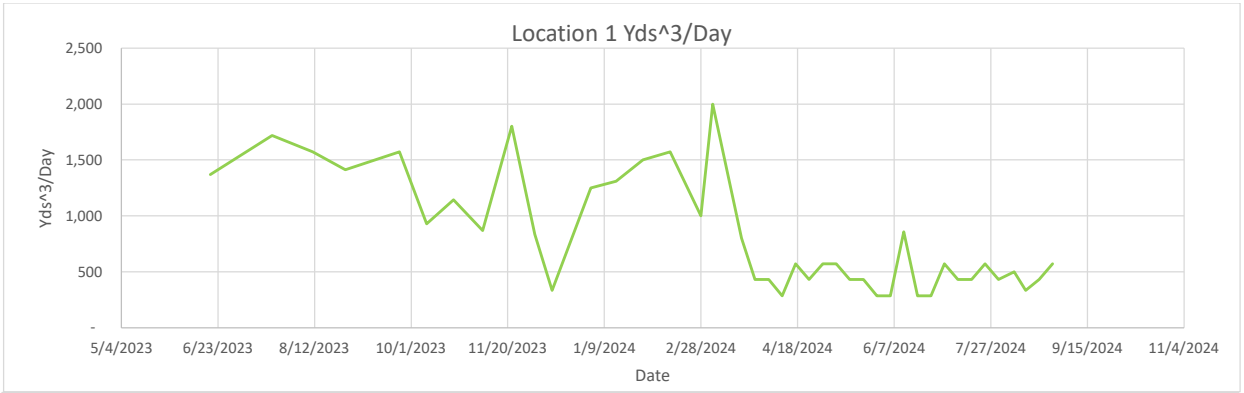
Instability

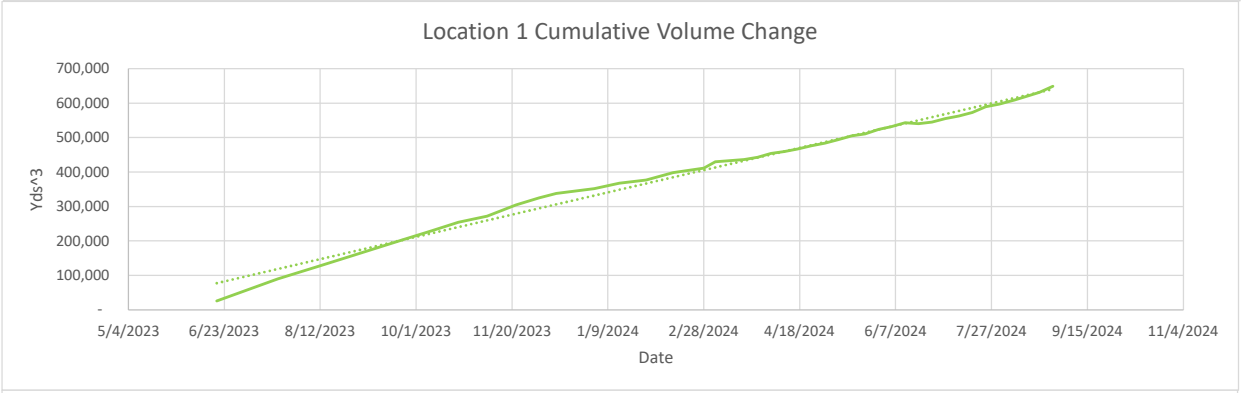
Are there any indications of slope stability concerns?	No

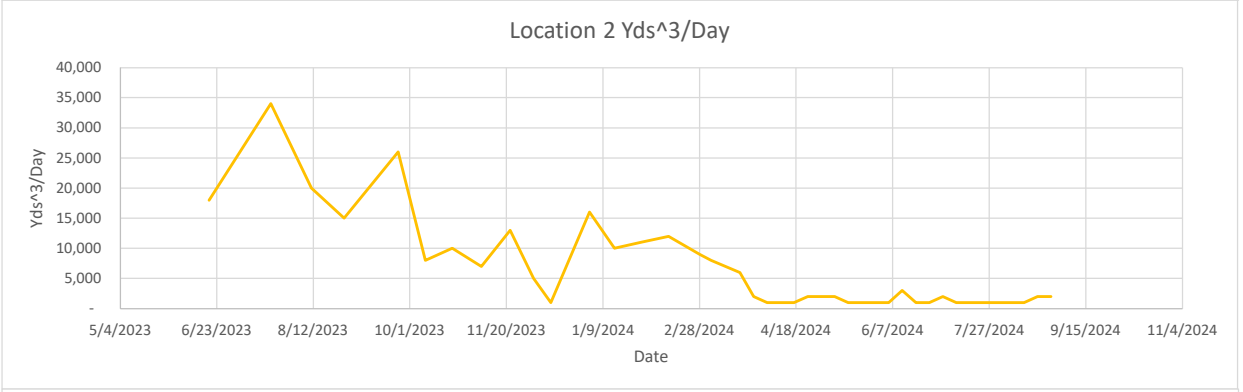
Settlement

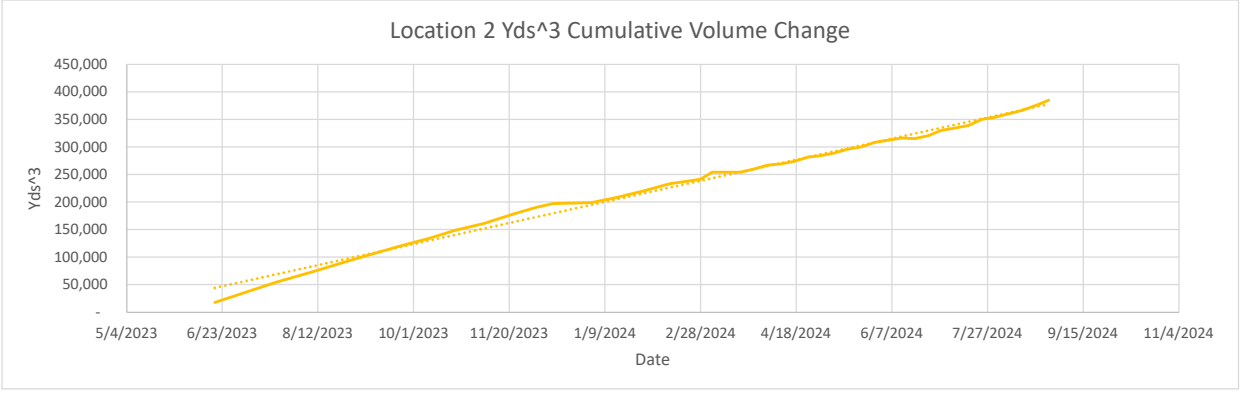
Settlement Data Notes

- 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 8/14/24 (in green) and 8/28/24 (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
11/4/2024
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
11/4/2024
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
11/4/2024
Date


Location 2 Yds^3 Cumulative Volume Change
Yds^3
450,000
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
11/4/2024
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)	
8/8/2024	8	4,000	609,000	500	
8/14/2024	6	(2,000)	619,000	(333)	
8/21/2024	7	3,000	631,000	429	
8/28/2024	7	4,000	649,000	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	
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	
8/8/2024	8	1,000	361,000	125	
8/14/2024	6	1,000	366,000	167	
8/21/2024	7	2,000	375,000	286	
8/28/2024	7	2,000	385,000	286	

Geosynthetic Cover

4050 - Geosynthetic Cover Inspection

26 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	26 Aug 2024 8:56 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

27 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	27 Aug 2024 10:13 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

28 Aug 2024 / Tom Roe

Complete

Flagged items	0
Conducted on	28 Aug 2024 12:30 PM 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

29 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	29 Aug 2024 10:17 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

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 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	30 Aug 2024 10:38 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

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 Aug 2024 / John Boucher

Complete

Flagged items	0
Conducted on	31 Aug 2024 9:35 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

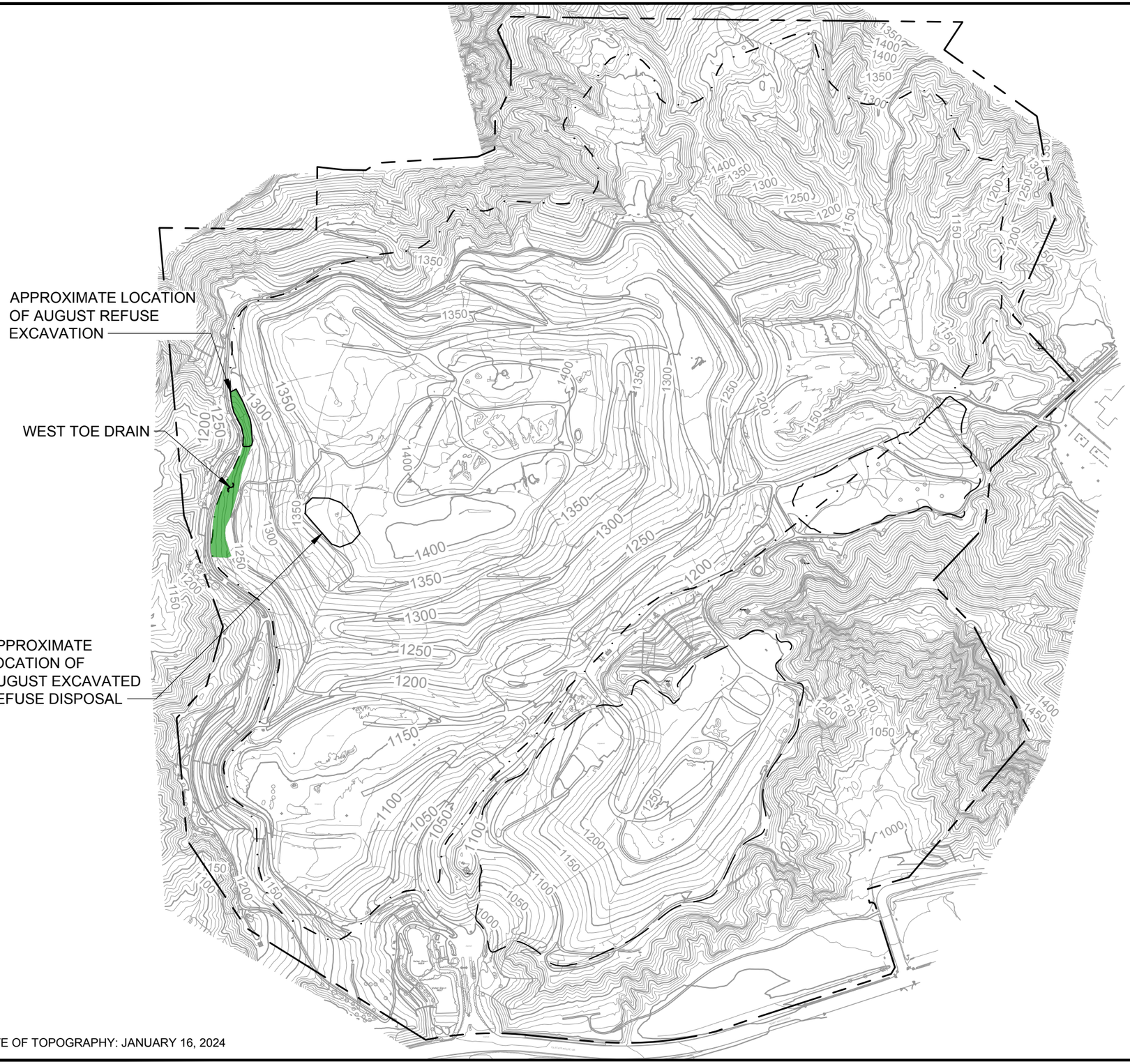
Photo 5

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 I-1

Excavation Map



DATE OF TOPOGRAPHY: JANUARY 16, 2024

P:\Waste Connections\Chiquita\Odor Control\CAD\SheetFiles\Figures\FIGURE 1 - AREA OF POTENTIAL REFUSE RELOCATION

TETRA TECH
21700 Copley Drive, Suite 200
Diamond Bar, CA 91765
TEL 909.860.7777 FAX 909.860.8017

WASTE CONNECTIONS

DESIGNED BY :	J.M.H.	DATE:	09-2024
DRAWN BY :	R.K.L.	PROJ. NO.:	2024-0123
CHECKED BY :	A.N.P.		
APPROVED BY :	C.H.M.		

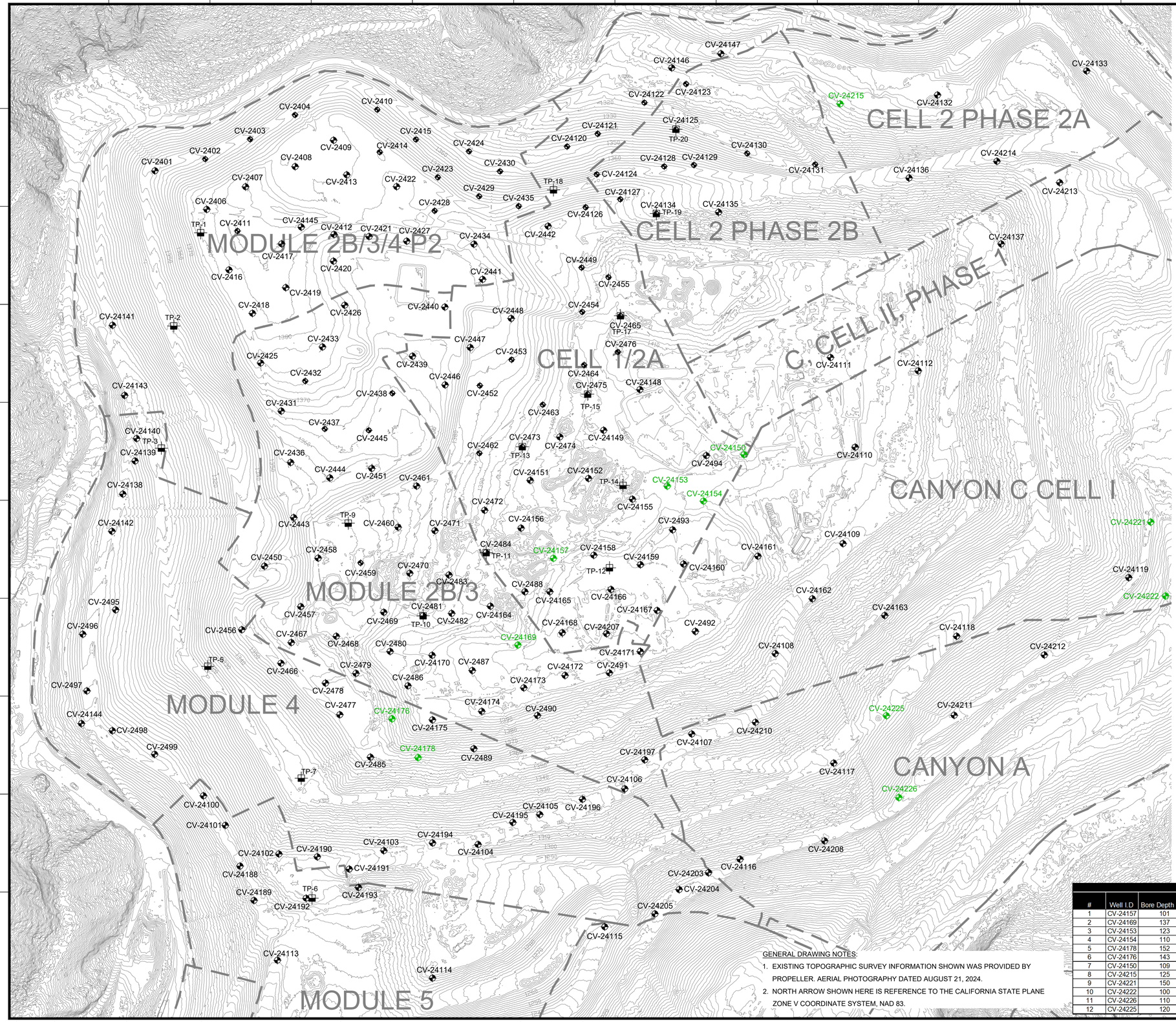
CHIQUITA CANYON LANDFILL

AUGUST WASTE EXCAVATION AND DISPOSAL

FIGURE 1

Attachment I-2

Drilling and Waste Characterization Map



LEGEND

1150	EXISTING TOPOGRAPHIC CONTOUR
	EXISTING CELL LIMITS (APPROXIMATE)
CV-XX	PROPOSED LFG EXTRACTION WELL - INSTALLED
CV-XX	PROPOSED LFG EXTRACTION WELL - INSTALLED AUGUST 2024
TP-XX	PROPOSED TEMPERATURE PROBE - INSTALLED

GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLER. AERIAL PHOTOGRAPHY DATED AUGUST 21, 2024.
2. NORTH ARROW SHOWN HERE IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.

LFG Vertical Extraction Wells Installed: AUGUST, 2024

#	Well I.D	Bore Depth (Ft.)	Casing Depth (Ft.)	Date of Installation	Excavated/Exposed Waste Characterization	Excavated/Exposed Waste Moisture
1	CV-24157	101	99	8/5/2024	Moderate	Dry
2	CV-24169	137	135	8/6/2024	None to Little → Severe	Dry → Moist
3	CV-24153	123	122	8/7/2024	None to Little → Severe	Dry → Saturated
4	CV-24154	110	108	8/8/2024	None to Little → Moderate	Dry → Moist
5	CV-24178	152	150	8/14/2024	None to Little → Moderate	Dry → Moist
6	CV-24176	143	141	8/15/2024	None to Little → Moderate	Dry
7	CV-24150	109	107	8/16/2024	None to Little → Severe	Dry → Saturated
8	CV-24215	125	123	8/17/2024	Moderate → Severe	Dry
9	CV-24221	150	148	8/20/2024	None to Little → Severe	Dry → Saturated
10	CV-24222	100	98	8/21/2024	Moderate → Severe	Dry → Moist
11	CV-24226	110	108	8/22/2024	Moderate → Severe	Dry → Moist
12	CV-24225	120	118	8/23/2024	None to Little → Severe	Dry → Saturated

DATE
REVISION
NO.

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

PROJ. NO. 01204123.35
DSN. BY: -
DWN. BY: SRM
CHK. BY: WICH
ACAD FILE: ENGINEERS
APP. BY: WICH

DATE: 08/28/2024

SCALE: AS SHOWN

SHEET: 1

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Well Completion Log

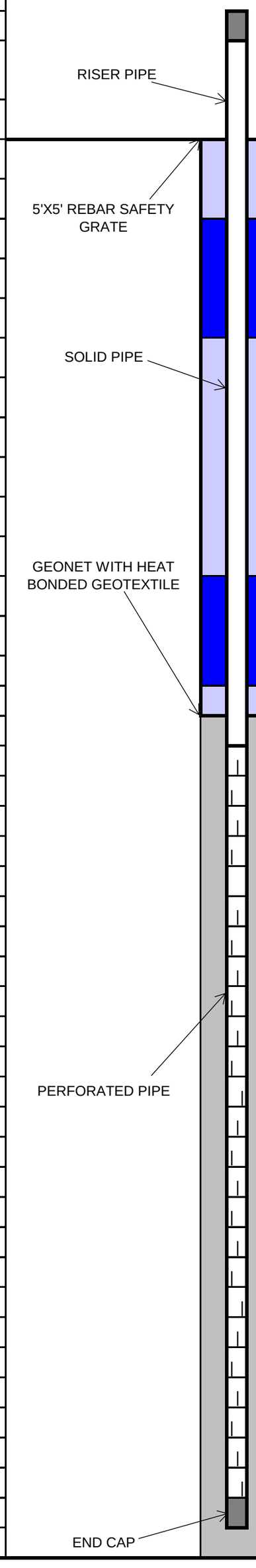
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24157		
		COORDINATES:	N: 1,980,890, E: 6,366,468		
START DATE:	08/05/2024	SURFACE ELEVATION:	1,399		
COMPLETION DATE:	08/06/2024	TOP OF CASING ELEVATION:	1,402		
CQA MONITOR:	Joshua Liccardello	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:	101 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PAPER/PLASTIC/WOOD, MODERATE, DRY
10 TO 20	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
20 TO 30	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
30 TO 40	PAPER/PLASTIC/TEXTILE/WOOD, MILD, DRY
40 TO 50	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY
50 TO 60	PAPER/PLASTIC/WOOD, MODERATE, DRY
60 TO 70	PAPER/PLASTIC/WOOD, MODERATE, DRY
70 TO 80	PAPER/PLASTIC/WOOD, MODERATE, DRY
80 TO 90	PAPER/PLASTIC/WOOD, MODERATE, DRY
90 TO 101	PAPER/PLASTIC/WOOD, MODERATE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	92
10 TO 20	110
20 TO 30	114
30 TO 40	112
40 TO 50	130
50 TO 60	103
60 TO 70	124
70 TO 80	144
80 TO 90	140
90 TO 101	134



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	69	30 TO 99
ROCK CUSHION	2	99 TO 101
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	2	26 TO 28
ROCK	73	28 TO 101
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	101	0 TO 101

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Well Completion Log

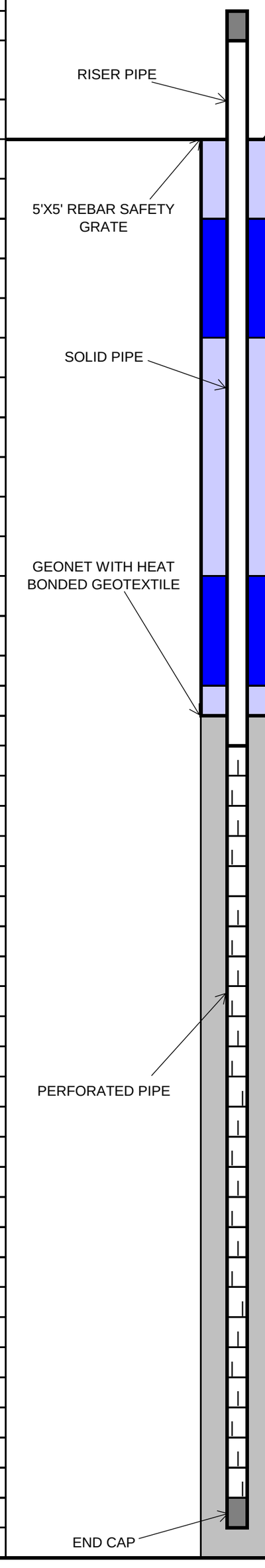
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24169		
		COORDINATES:	N: 1,980,660, E: 6,366,374		
START DATE:	08/05/2024	SURFACE ELEVATION:	1,399		
COMPLETION DATE:	08/06/2024	TOP OF CASING ELEVATION:	1,402		
CQA MONITOR:	Joshua Liccardello	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:	137 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PAPER/PLASTIC/WOOD, SOME, DRY
10 TO 20	PAPER/PLASTIC/WOOD, SOME, DRY
20 TO 30	PAPER/PLASTIC/WOOD/TEXTILE, SOME, DRY
30 TO 40	PAPER/PLASTIC/WOOD/TEXTILE, SOME, DRY
40 TO 50	PAPER/PLASTIC/WOOD/TEXTILE, SOME, DRY
50 TO 60	PAPER/PLASTIC/WOOD/TEXTILE, MODERATE, DRY
60 TO 70	PAPER/PLASTIC/WOOD/TEXTILE, MODERATE, DRY
70 TO 80	PAPER/PLASTIC/WOOD/TEXTILE, MODERATE, DRY
80 TO 90	PAPER/PLASTIC/WOOD/TEXTILE, MODERATE, DRY
90 TO 100	PAPER/PLASTIC/WOOD/TEXTILE, MODERATE, DRY
100 TO 110	PLASTIC/WOOD, MODERATE, DRY
110 TO 120	PLASTIC/WOOD, MOIST, DRY
120 TO 130	WOOD/CONCRETE, SEVERE, MOIST
130 TO 137	NOT MONITORED

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	105
10 TO 20	104
20 TO 30	106
30 TO 40	112
40 TO 50	106
50 TO 60	122
60 TO 70	126
70 TO 80	141
80 TO 90	140
90 TO 101	142
100 TO 110	156
110 TO 120	170
120 TO 130	172
130 TO 137	NOT MONITORED



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	105	30 TO 135
ROCK CUSHION	2	135 TO 137
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	2	26 TO 28
ROCK	109	28 TO 137
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	137	0 TO 137

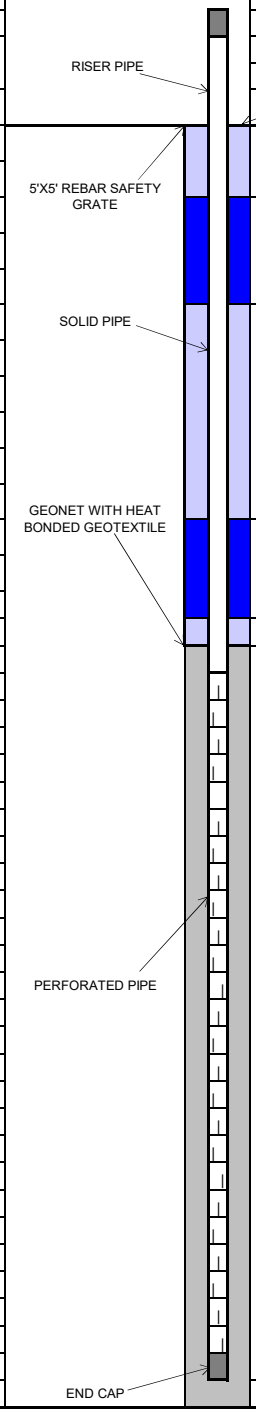
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24153		
		COORDINATES:	N: 1,981,082, E: 6,366,770		
START DATE:	08/07/2024	SURFACE ELEVATION:	1,406		
COMPLETION DATE:	08/07/2024	TOP OF CASING ELEVATION:	1,409		
CQA MONITOR:	Joshua Liccardello	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	123 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/TEXTILE/WOOD/SOIL, NONE, DRY
10 TO 20	PLASTIC/TEXTILE/WOOD/SOIL, NONE, DRY
20 TO 30	PLASTIC/TEXTILE/WOOD/SOIL/RUBBER, NONE, DRY
30 TO 40	PLASTIC/TEXTILE/WOOD/SOIL/RUBBER, SOME, DRY
40 TO 50	PLASTIC/TEXTILE/WOOD/SOIL/RUBBER, NONE, DRY
50 TO 60	PLASTIC/TEXTILE/WOOD/SOIL, SOME, DRY
60 TO 70	PLASTIC/SOIL/WOOD/CONCRETE, NONE, DRY
70 TO 80	PLASTIC/SOIL/WOOD/CONCRETE, SOME, DRY
80 TO 90	PLASTIC/PAPER/SOIL/WOOD/TEXTILE, SOME, DRY
90 TO 100	SOIL/PLASTIC/WOOD, SOME, MOIST
100 TO 110	PLASTIC/WOOD, MODERATE, MOIST
110 TO 120	LIQUID, SEVERE, WET
120 TO 123	NOT MONITORED

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	83
10 TO 20	94
20 TO 30	99
30 TO 40	120
40 TO 50	118
50 TO 60	138
60 TO 70	130
70 TO 80	139
80 TO 90	131
90 TO 101	140
100 TO 110	140
110 TO 120	150
120 TO 123	NOT MONITORED



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	91	30 TO 121
ROCK CUSHION	2	121 TO 123
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	2	26 TO 28
ROCK	95	28 TO 123
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	123	0 TO 123

Tetra Tech, BAS Inc.

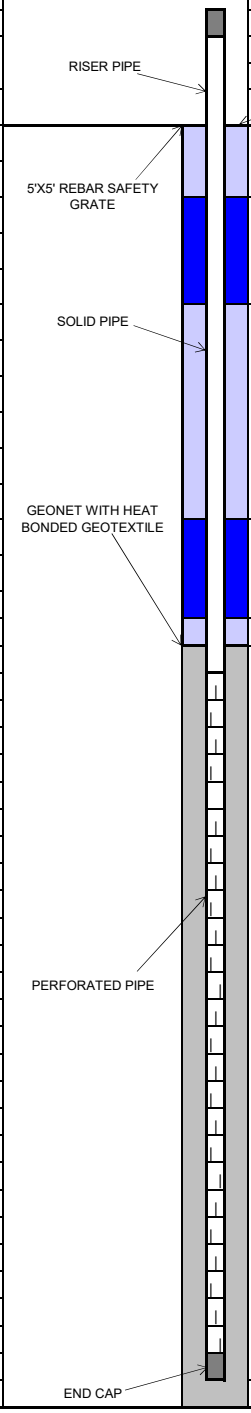
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	08/08/2024
COMPLETION DATE:	08/08/2024
CQA MONITOR:	Joshua Liccardello
CONTRACTOR:	Continuum Environmental Services Ltd.
DRILLER:	Continuum Environmental Services Ltd.
DRILL RIG:	HPM 180+

WELL ID:	CV-24154
COORDINATES:	N: 1,981,042, E: 6,366,866
SURFACE ELEVATION:	1,404
TOP OF CASING ELEVATION:	1,407
WELL CASING MATERIAL:	8-INCH CPVC
END CAP MATERIAL:	8-INCH CPVC
TARGET DEPTH:	297 FT
COMPLETION DEPTH:	110 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/SOIL/METAL/TEXTILE, SOME, DRY
10 TO 20	PLASTIC/SOIL/METAL/TEXTILE, SOME, DRY
20 TO 30	PLASTIC/WOOD/SOIL/METAL, SOME, DRY
30 TO 40	PLASTIC/RUBBER/TEXTILE/WOOD, MODERATE, DRY
40 TO 50	PLASTIC/TEXTILE/SOIL/WOOD, MODERATE, DRY
50 TO 60	PLASTIC/SOIL/WOOD/METAL/TEXTILE, MODERATE, DRY
60 TO 70	PLASTIC/SOIL/WOOD, MODERATE, DRY
70 TO 80	PLASTIC/PAPER/SOIL/WOOD, SOME, DRY
80 TO 90	PLASTIC/PAPER/SOIL/WOOD, MODERATE, DRY
90 TO 100	PLASTIC/WOOD/SOIL/TEXTILE, MODERATE, DRY
100 TO 110	PLASTIC/METAL/WOOD, MODERATE, MOIST

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	83
10 TO 20	92
20 TO 30	92
30 TO 40	112
40 TO 50	20
50 TO 60	134
60 TO 70	149
70 TO 80	136
80 TO 90	135
90 TO 101	128
100 TO 110	145



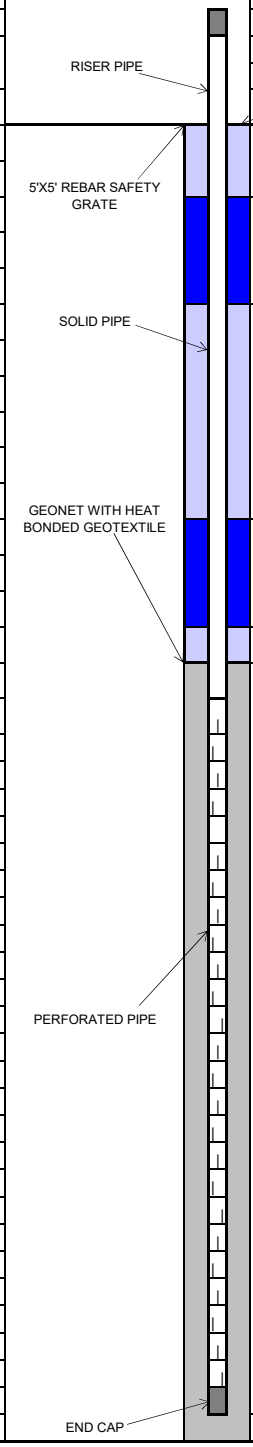
COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	78	30 TO 108
ROCK CUSHION	2	108 TO 110
BACKFILL:		
COVER SOIL	3	0 TO 3
UPPER BENTONITE SEAL	2	3 TO 5
UPPER SOIL PLUG	19	5 TO 24
LOWER BENTONITE SEAL	2	24 TO 26
LOWER SOIL PLUG	2	26 TO 28
ROCK	82	28 TO 110
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	110	0 TO 110

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24178		
		COORDINATES:	N: 1,980,361, E: 6,366,109		
START DATE:	08/13/2024	SURFACE ELEVATION:	1,360		
COMPLETION DATE:	08/14/2024	TOP OF CASING ELEVATION:	1,363		
CQA MONITOR:	Joshua Liccardello	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	152 FT		

EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	**DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)**		**PIPE:**		
0 TO 10	PLASTIC/SOIL/WOOD/ROCK, SOME, DRY		RISER STICK UP	3	
10 TO 20	PLASTIC/SOIL/RUBBER/TEXTILE/WOOD, SOME, DRY		SOLID PIPE	30	0 TO 30
20 TO 30	PLASTIC/SOIL/TEXTILE/WOOD, SOME, DRY		PERFORATED PIPE	120	30 TO 150
30 TO 40	PLASTIC/SOIL, MODERATE, DRY		ROCK CUSHION	2	150 TO 152
40 TO 50	PLASTIC/SOIL/METAL/TEXTILE, SOME, DRY				
50 TO 60	PLASTIC/SOIL/TEXTILE, MODERATE, DRY		**BACKFILL:**		
60 TO 70	PLASTIC/SOIL/WOOD/PAPER, SOME, DRY		COVER SOIL	3	0 TO 3
70 TO 80	PLASTIC/SOIL/WOOD/TEXTILE/PAPER, MODERATE, DRY		UPPER BENTONITE SEAL	2	3 TO 5
80 TO 90	PLASTIC/SOIL/WOOD/TEXTILE/PAPER, MODERATE, DRY		UPPER SOIL PLUG	19	5 TO 24
90 TO 100	PLASTIC/WOOD/SOIL/TEXTILE/PAPER, MODERATE, DRY		LOWER BENTONITE SEAL	2	24 TO 26
100 TO 110	PLASTIC/WOOD/SOIL/TEXTILE, MODERATE, MOIST		LOWER SOIL PLUG	2	26 TO 28
110 TO 120	PLASTIC/WOOD/SOIL/TEXTILE, MODERATE, DRY		ROCK	124	28 TO 152
120 TO 130	PLASTIC/WOOD/SOIL/PAPER, MODERATE, DRY		GEONET INSTALLED	Y	
130 TO 140	PLASTIC/SOIL/TEXTILE, MODERATE, DRY				
140 TO 152	PLASTIC/WOOD/SOIL/TEXTILE, MODERATE, MOIST		**BORING DIAMETER:**		
			36 INCHES	152	0 TO 152

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	100
10 TO 20	103
20 TO 30	107
30 TO 40	118
40 TO 50	121
50 TO 60	122
60 TO 70	121
70 TO 80	122
80 TO 90	128
90 TO 101	130
100 TO 110	130
110 TO 120	129
120 TO 130	125
130 TO 140	133
140 TO 152	130



Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Well Completion Log

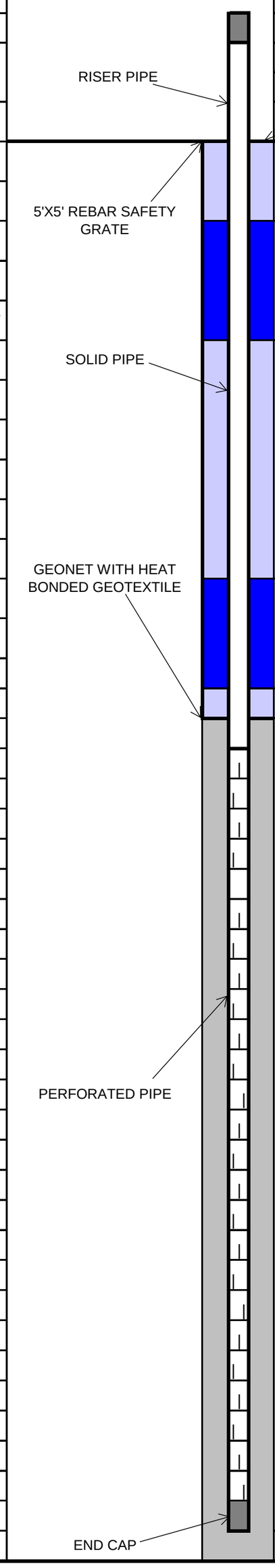
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24176		
		COORDINATES:	N: 1,980,464, E: 6,366,040		
START DATE:	08/15/2024	SURFACE ELEVATION:	1,373		
COMPLETION DATE:	08/15/2024	TOP OF CASING ELEVATION:	1,376		
CQA MONITOR:	Joshua Liccardello	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	143 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PLASTIC/SOIL/WOOD/PAPER, SOME, DRY
10 TO 20	PLASTIC/SOIL/WOOD/PAPER, SOME, DRY
20 TO 30	PLASTIC/SOIL/PAPER/METAL, SOME, DRY
30 TO 40	PLASTIC/SOIL/WOOD/PAPER, MODERATE, DRY
40 TO 50	PLASTIC/SOIL/METAL/TEXTILE, SOME, DRY
50 TO 60	PLASTIC/SOIL/TEXTILE/WOOD/PAPER, MODERATE, DRY
60 TO 70	PLASTIC/SOIL/TEXTILE/PAPER, MODERATE, DRY
70 TO 80	PLASTIC/SOIL/WOOD/PAPER, MODERATE, DRY
80 TO 90	PLASTIC/SOIL/WOOD/PAPER, SOME, DRY
90 TO 100	PLASTIC/SOIL/WOOD/PAPER/METAL, MODERATE, DRY
100 TO 110	PLASTIC/SOIL/WOOD/PAPER, MODERATE, DRY
110 TO 120	PLASTIC/SOIL/, MODERATE, DRY
120 TO 130	PLASTIC/SOIL/METAL/BRICK/PAPER, MODERATE, DRY
130 TO 143	SOIL/WOOD, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	88
10 TO 20	97
20 TO 30	105
30 TO 40	120
40 TO 50	125
50 TO 60	126
60 TO 70	120
70 TO 80	128
80 TO 90	136
90 TO 101	130
100 TO 110	129
110 TO 120	140
120 TO 130	144
130 TO 143	145



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	111	30 TO 141
ROCK CUSHION	2	141 TO 143
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	2	26 TO 28
ROCK	115	28 TO 143
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	143	0 TO 143

GROUND SURFACE
COVER SOIL
UPPER BENTONITE SEAL
UPPER SOIL PLUG
LOWER BENTONITE SEAL
LOWER SOIL PLUG
ROCK
ROCK CUSHION

8/16/2024

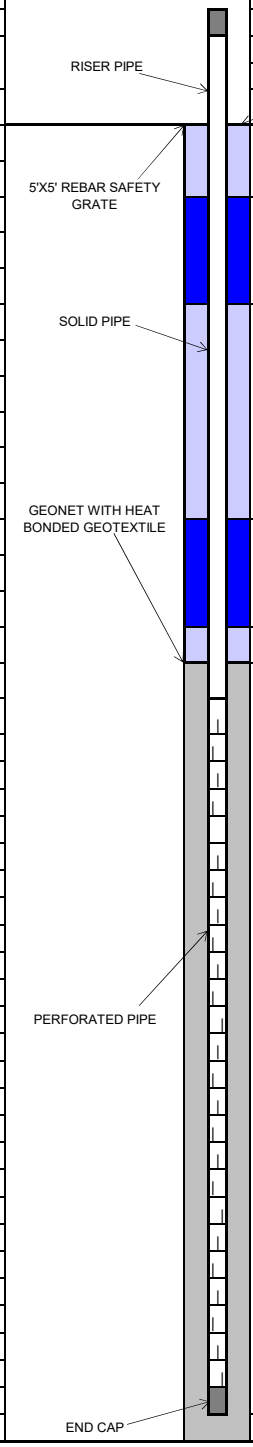
TETRA TECH

Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24150		
		COORDINATES:	N: 1,981,165, E: 6,366,974		
START DATE:	08/16/2024	SURFACE ELEVATION:	1,409		
COMPLETION DATE:	08/16/2024	TOP OF CASING ELEVATION:	1,412		
CQA MONITOR:	Joshua Liccardello	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	297 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	109 FT		

EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	**DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)**		**PIPE:**		
0 TO 10	PLASTIC/SOIL/WOOD/TEXTILE, SOME, DRY		RISER STICK UP	3	
10 TO 20	PLASTIC/SOIL/WOOD, SOME, DRY		SOLID PIPE	30	0 TO 30
20 TO 30	PLASTIC/SOIL/WOOD/TEXTILE, MODERATE, MOIST		PERFORATED PIPE	77	30 TO 107
30 TO 40	PLASTIC/SOIL/WOOD/TEXTILE, MODERATE, MOIST		ROCK CUSHION	2	107 TO 109
40 TO 50	PLASTIC/SOIL/WOOD/TEXTILE, MODERATE, MOIST				
50 TO 60	PLASTIC/SOIL/WOOD, MODERATE, MOIST		**BACKFILL:**		
60 TO 70	PLASTIC/SOIL/WOOD/TEXTILE, MODERATE, MOIST		COVER SOIL	3	0 TO 3
70 TO 80	PLASTIC/SOIL/WOOD/PAPER, SEVERE, MOIST		UPPER BENTONITE SEAL	2	3 TO 5
80 TO 90	PLASTIC/SOIL/WOOD, SEVERE, MOIST		UPPER SOIL PLUG	19	5 TO 24
90 TO 100	LIQUID/PLASTIC/SOIL/WOOD, SEVERE, WET		LOWER BENTONITE SEAL	2	24 TO 26
100 TO 109	LIQUID/WOOD, SEVERE, WET		LOWER SOIL PLUG	2	26 TO 28
			ROCK	81	28 TO 109
			GEONET INSTALLED	Y	
			BORING DIAMETER:		
			36 INCHES	109	0 TO 109

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	86
10 TO 20	92
20 TO 30	111
30 TO 40	105
40 TO 50	120
50 TO 60	120
60 TO 70	134
70 TO 80	118
80 TO 90	139
90 TO 101	140
100 TO 109	138



Tetra Tech, BAS Inc.

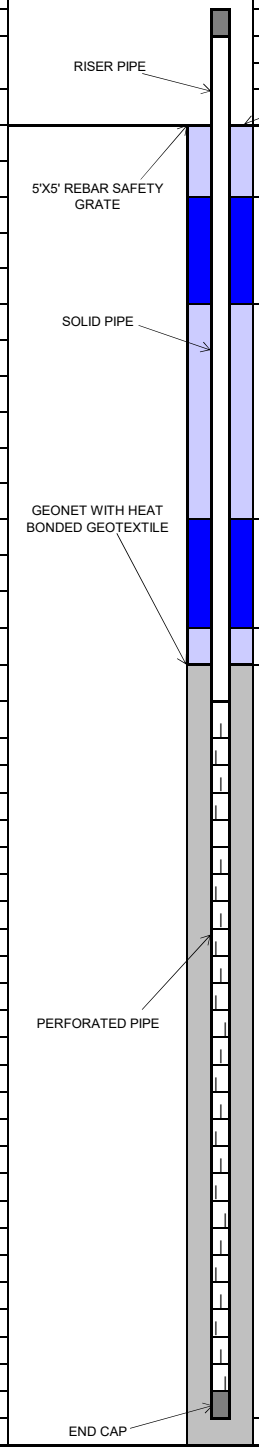
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	08/17/2024
COMPLETION DATE:	08/17/2024
CQA MONITOR:	Keith Hussain
CONTRACTOR:	Continuum Environmental Services Ltd.
DRILLER:	Continuum Environmental Services Ltd.
DRILL RIG:	HPM 180+

WELL ID:	CV-24215
COORDINATES:	N: 1,982,096, E: 6,367,229
SURFACE ELEVATION:	1,295
TOP OF CASING ELEVATION:	1,298
WELL CASING MATERIAL:	8-INCH CPVC
END CAP MATERIAL:	8-INCH CPVC
TARGET DEPTH:	125 FT
COMPLETION DEPTH:	125 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	SOIL, NONE, DRY
10 TO 20	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, MOIST
20 TO 30	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
30 TO 40	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
40 TO 50	PAPER/PLASTIC/TEXTILE/WOOD, SOME, DRY
50 TO 60	PAPER/PLASTIC/TEXTILE/WOOD, SOME, DRY
60 TO 70	PAPER/PLASTIC/TEXTILE/WOOD, SOME, DRY
70 TO 80	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
80 TO 90	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY
90 TO 100	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY
100 TO 110	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY
110 TO 120	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY
120 TO 125	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	82
10 TO 20	104
20 TO 30	130
30 TO 40	122
40 TO 50	140
50 TO 60	135
60 TO 70	142
70 TO 80	142
80 TO 90	148
90 TO 100	145
100 TO 110	140
110 TO 120	138
120 TO 125	143



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	93	30 TO 123
ROCK CUSHION	2	123 TO 125
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	2	26 TO 28
ROCK	97	28 TO 125
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	125	0 TO 125

Tetra Tech, BAS Inc.

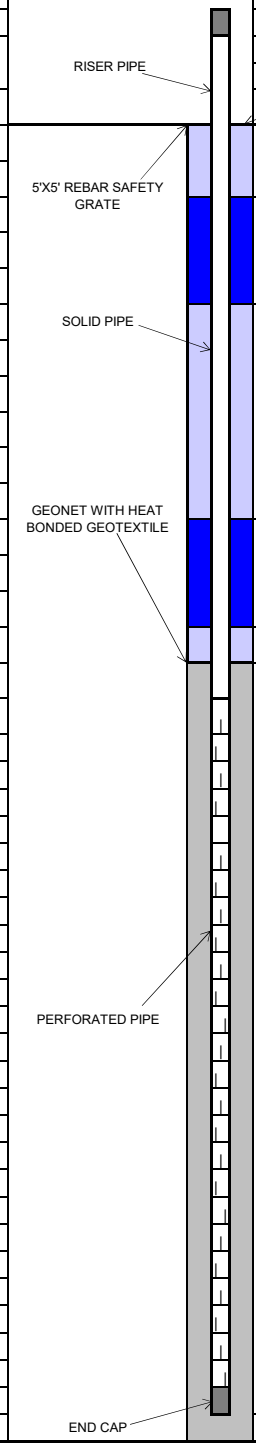
SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	08/20/2024
COMPLETION DATE:	08/20/2024
CQA MONITOR:	Keith Hussain
CONTRACTOR:	Continuum Environmental Services Ltd.
DRILLER:	Continuum Environmental Services Ltd.
DRILL RIG:	HPM 180+

WELL ID:	CV-24221
COORDINATES:	N: 1,980,986, E: 6,368,053
SURFACE ELEVATION:	1,268
TOP OF CASING ELEVATION:	1,271
WELL CASING MATERIAL:	8-INCH CPVC
END CAP MATERIAL:	8-INCH CPVC
TARGET DEPTH:	157 FT
COMPLETION DEPTH:	150 FT

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	SOIL, NONE, DRY
10 TO 20	PAPER/PLASTIC/TEXTILE/WOOD, SOME, DRY
20 TO 30	PAPER/PLASTIC/TEXTILE/WOOD, SOME, DRY
30 TO 40	PAPER/PLASTIC/TEXTILE/WOOD, SOME, DRY
40 TO 50	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
50 TO 60	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
60 TO 70	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
70 TO 80	PAPER/PLASTIC/WOOD, MODERATE, DRY
80 TO 90	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY
90 TO 100	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, WET
100 TO 110	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, WET
110 TO 120	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, WET
120 TO 130	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, WET
130 TO 140	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, WET
140 TO 150	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, WET

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	92
10 TO 20	113
20 TO 30	118
30 TO 40	141
40 TO 50	138
50 TO 60	140
60 TO 70	142
70 TO 80	135
80 TO 90	141
90 TO 100	145
100 TO 110	144
110 TO 120	140
120 TO 130	146
130 TO 140	143
140 TO 150	143



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	118	30 TO 148
ROCK CUSHION	2	148 TO 150
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	2	26 TO 28
ROCK	122	28 TO 150
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	150	0 TO 150

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Well Completion Log

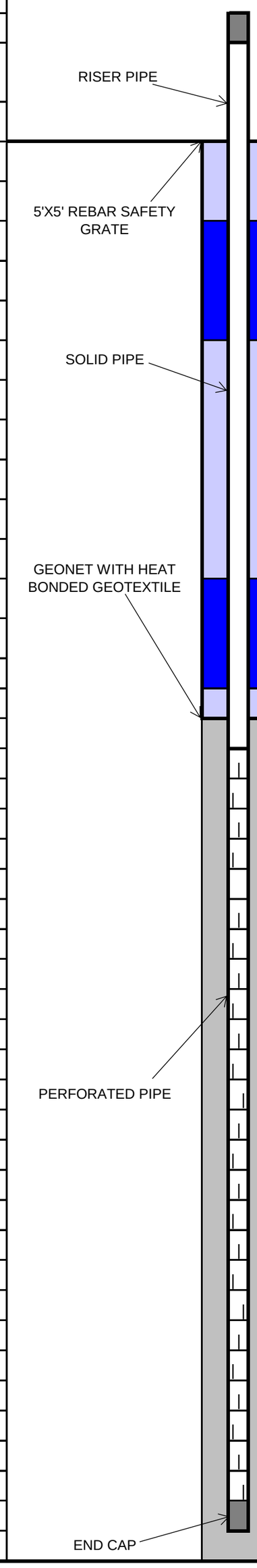
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL
START DATE:	08/21/2024
COMPLETION DATE:	08/21/2024
CQA MONITOR:	Keith Hussain
CONTRACTOR:	Continuum Environmental Services Ltd.
DRILLER:	Continuum Environmental Services Ltd.
DRILL RIG:	HPM 180+

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PAPER/PLASTIC/WOOD, SEVERE, MOIST
10 TO 20	PAPER/PLASTIC/WOOD, SEVERE, MOIST
20 TO 30	PAPER/PLASTIC/WOOD, SEVERE, MOIST
30 TO 40	PAPER/PLASTIC/WOOD, SEVERE, MOIST
40 TO 50	PAPER/PLASTIC/WOOD, MODERATE, DRY
50 TO 60	SOIL, NONE, DRY
60 TO 70	PAPER/PLASTIC/WOOD, MODERATE, DRY
70 TO 80	PAPER/PLASTIC/WOOD, MODERATE, DRY
80 TO 90	PAPER/PLASTIC/WOOD, MODERATE, DRY
90 TO 100	PAPER/PLASTIC/WOOD, MODERATE, DRY

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	92
10 TO 20	106
20 TO 30	117
30 TO 40	135
40 TO 50	140
50 TO 60	140
60 TO 70	140
70 TO 80	137
80 TO 90	136
90 TO 100	135



WELL ID:	CV-24222		
COORDINATES:	N: 1,980,790, E: 6,368,092		
SURFACE ELEVATION:	1,247		
TOP OF CASING ELEVATION:	1,250		
WELL CASING MATERIAL:	8-INCH CPVC		
END CAP MATERIAL:	8-INCH CPVC		
TARGET DEPTH:	100 FT		
COMPLETION DEPTH:	100 FT		

	COMPLETION LOG	FT.	FT. BGS TO FT. BGS
GROUND SURFACE	**PIPE:**		
	RISER STICK UP	3	
	SOLID PIPE	30	0 TO 30
	PERFORATED PIPE	68	30 TO 98
COVER SOIL	ROCK CUSHION	2	98 TO 100
UPPER BENTONITE SEAL	**BACKFILL:**		
	COVER SOIL	3	0 TO 3
	UPPER BENTONITE SEAL	2	3 TO 5
UPPER SOIL PLUG	UPPER SOIL PLUG	19	5 TO 24
	LOWER BENTONITE SEAL	2	24 TO 26
	LOWER SOIL PLUG	2	26 TO 28
	ROCK	72	28 TO 100
	GEONET INSTALLED	Y	
LOWER BENTONITE SEAL	**BORING DIAMETER:**		
	36 INCHES	100	0 TO 100
LOWER SOIL PLUG			
ROCK			
ROCK CUSHION			

Chiquita Canyon Landfill 2024 Landfill Gas Well Drilling
Well Completion Log

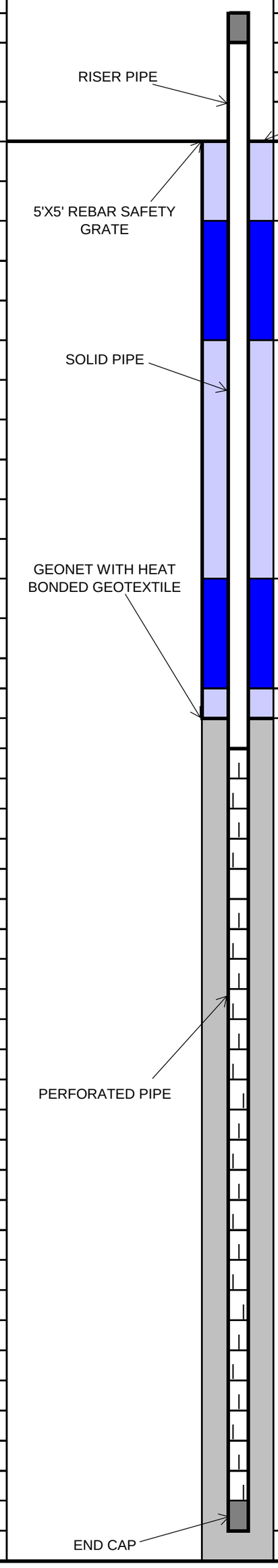
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL	WELL ID:	CV-24226		
		COORDINATES:	N: 1,980,255, E: 6,367,385		
START DATE:	08/21/2024	SURFACE ELEVATION:	1,246		
COMPLETION DATE:	08/22/2024	TOP OF CASING ELEVATION:	1,249		
CQA MONITOR:	Keith Hussain	WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.	END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.	TARGET DEPTH:	151 FT		
DRILL RIG:	HPM 180+	COMPLETION DEPTH:	110 FT		

EXISTING LITHOGRAPHY

FT. BGS TO FT. BGS	DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)
0 TO 10	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, MOIST
10 TO 20	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, MOIST
20 TO 30	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
30 TO 40	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
40 TO 50	PAPER/PLASTIC/TEXTILE/WOOD, MODERATE, DRY
50 TO 60	PAPER/PLASTIC/TEXTILE/WOOD, SEVERE, DRY
60 TO 70	PAPER/PLASTIC/WOOD, MODERATE, MOIST
70 TO 80	PAPER/PLASTIC/WOOD, SEVERE, MOIST
80 TO 90	PAPER/PLASTIC/WOOD, SEVERE, MOIST
90 TO 100	PAPER/PLASTIC/WOOD, SEVERE, MOIST
100 TO 110	PAPER/PLASTIC/WOOD, SEVERE, MOIST

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	118
10 TO 20	114
20 TO 30	138
30 TO 40	140
40 TO 50	138
50 TO 60	140
60 TO 70	131
70 TO 80	130
80 TO 90	142
90 TO 100	140
100 TO 110	140



COMPLETION LOG	FT.	FT. BGS TO FT. BGS
PIPE:		
RISER STICK UP	3	
SOLID PIPE	30	0 TO 30
PERFORATED PIPE	78	30 TO 108
ROCK CUSHION	2	108 TO 110
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	2	26 TO 28
ROCK	82	28 TO 110
GEONET INSTALLED	Y	
BORING DIAMETER:		
36 INCHES	110	0 TO 110

COVER SOIL
UPPER BENTONITE SEAL
UPPER SOIL PLUG
LOWER BENTONITE SEAL
LOWER SOIL PLUG
ROCK
ROCK CUSHION

8/22/2024

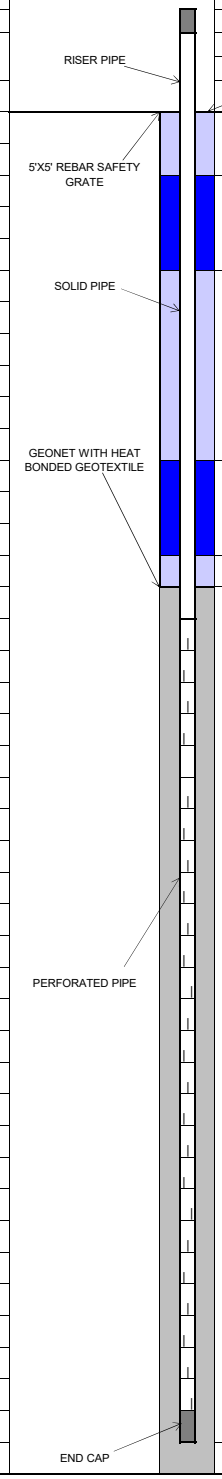
TETRA TECH

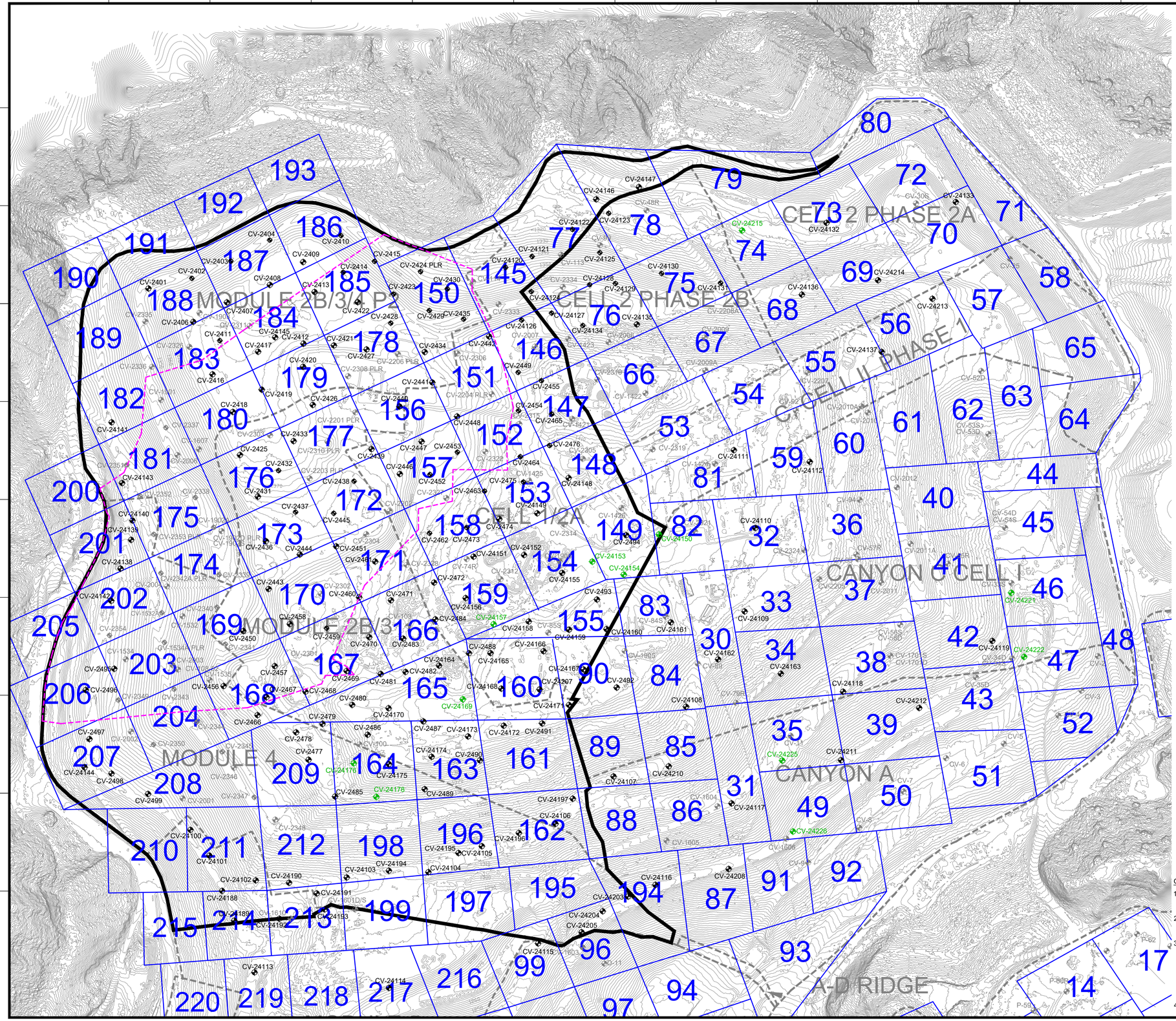
Tetra Tech, BAS Inc.

SITE NAME:	CHIQUITA CANYON LANDFILL		WELL ID:	CV-24225		
			COORDINATES:	N: 1,980,472, E: 6,367,352		
START DATE:	08/22/2024		SURFACE ELEVATION:	1,294		
COMPLETION DATE:	08/23/2024		TOP OF CASING ELEVATION:	1,297		
CQA MONITOR:	Keith Hussain		WELL CASING MATERIAL:	8-INCH CPVC		
CONTRACTOR:	Continuum Environmental Services Ltd.		END CAP MATERIAL:	8-INCH CPVC		
DRILLER:	Continuum Environmental Services Ltd.		TARGET DEPTH:	199 FT		
DRILL RIG:	HPM 180+		COMPLETION DEPTH:	125 FT		

EXISTING LITHOGRAPHY			COMPLETION LOG	FT.	FT. BGS TO FT. BGS
FT. BGS TO FT. BGS	**DESCRIPTION (TYPE, DECOMPOSITION, MOISTURE)**		**PIPE:**		
0 TO 10	PAPER/PLASTIC/WOOD, SOME, DRY		RISER STICK UP	3	
10 TO 20	PAPER/PLASTIC/WOOD, SOME, DRY		SOLID PIPE	30	0 TO 30
20 TO 30	PAPER/PLASTIC/WOOD, SOME, DRY		PERFORATED PIPE	93	30 TO 123
30 TO 40	PAPER/PLASTIC/WOOD, SOME, DRY		ROCK CUSHION	2	123 TO 125
40 TO 50	PAPER/PLASTIC/WOOD, MODERATE, DRY				
50 TO 60	PAPER/PLASTIC/WOOD, MODERATE, DRY		**BACKFILL:**		
60 TO 70	PAPER/PLASTIC/WOOD, SEVERE, WET		COVER SOIL	3	0 TO 3
70 TO 80	PAPER/PLASTIC/WOOD, SEVERE, WET		UPPER BENTONITE SEAL	2	3 TO 5
80 TO 90	PAPER/PLASTIC/WOOD, SEVERE, WET		UPPER SOIL PLUG	19	5 TO 24
90 TO 100	PAPER/PLASTIC/WOOD, SEVERE, WET		LOWER BENTONITE SEAL	2	24 TO 26
100 TO 110	PAPER/PLASTIC/WOOD, SEVERE, WET		LOWER SOIL PLUG	2	26 TO 28
110 TO 125	PAPER/PLASTIC/WOOD/LIQUID, SEVERE, WET		ROCK	97	28 TO 125
			GEONET INSTALLED	Y	
			BORING DIAMETER:		
			36 INCHES	125	0 TO 125

DEPTH (FT. BGS)	TEMPERATURE (°F)
0 TO 10	110
10 TO 20	115
20 TO 30	125
30 TO 40	140
40 TO 50	138
50 TO 60	142
60 TO 70	137
70 TO 80	146
80 TO 90	143
90 TO 100	150
100 TO 110	145
110 TO 125	144





N

GRAPHIC SCALE

125 75 0 250 500 750

SCALE: 1"=250'

LEGEND

- 1150 — TOPOGRAPHIC CONTOUR
- EXISTING CELL LIMITS (APPROXIMATE)
- CV-XX — EXISTING VERTICAL LFG EXTRACTION WELL
- CV-XX PLR — EXISTING LFG VERTICAL EXTRACTION WELL - PRESSURIZED LEACHATE RELEASE
- CV-XX — PROPOSED VERTICAL LFG EXTRACTION WELL - INSTALLED
- CV-XX — PROPOSED VERTICAL LFG EXTRACTION WELL - INSTALLED, AUGUST 2024
- REACTION AREA BOUNDARY (APPROXIMATE) - BASED ON DATA REVIEW
- REACTION AREA BOUNDARY - CONDITION 9A
- 23 — SURFACE EMISSION MONITORING GRID

GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLOR. AERIAL PHOTOGRAPHY DATED AUGUST 28, 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.

NO.	REVISION	DATE

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

DSN. BY: - | PROJ. NO: 01204123.35 | DWN. BY: SRM | CHK. BY: WCH/JH | APP. BY: WCH | ACAD FILE: FIELD SERVICES

DATE: 09/17/2024

SCALE: AS SHOWN

SHEET: 1

Attachment J

Leachate Temperature Data

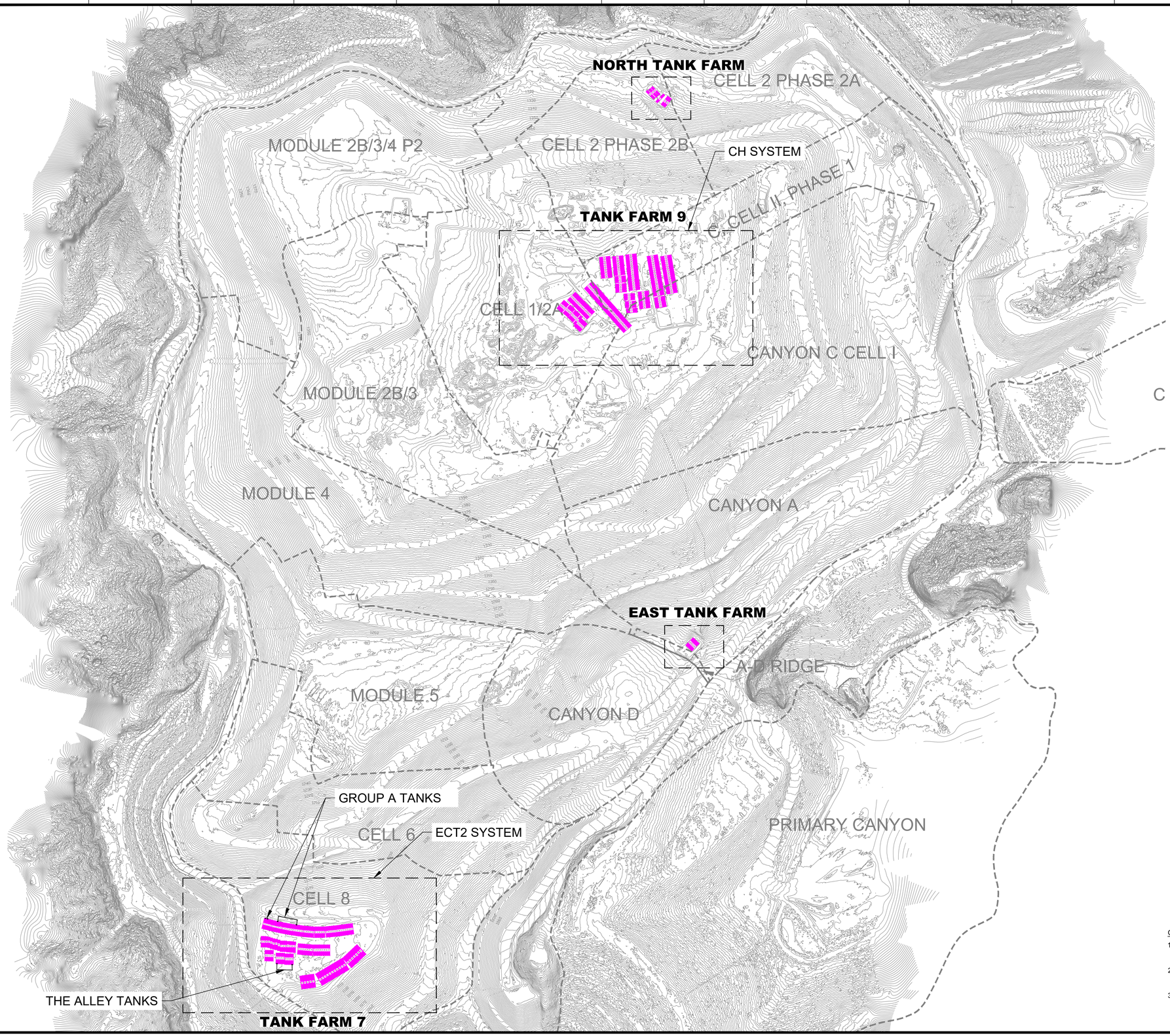
Chiquita Canyon Landfill
Leachate Tank Temperatures

Date: 8/27/2024

Technician: Christian Villagomez / Daniel Aleman

Time	Location	Temperature (F)
12:00PM	LCRS Settling Frac Tank (20K Brown)	82
12:24PM	Cell 8 Receiving Tanks (Tank Farm #7)	102
12:45PM	East Perimeter Receiving Tanks (Tank Farm #2)	105
1:09PM	North Perimeter Receiving Tanks (Tank Farm #6)	111
1:25PM	Top Deck Receiving Tanks (Tank Farm #9)	97

Comments



GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLER. AERIAL PHOTOGRAPHY DATED JULY 10, 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: OVERALL TANK FARM SITE PLAN

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: 08/27/2024

SCALE: AS SHOWN

SHEET: 1

F:\Engineers\Waste Connections\Chiquita Canyon LF\2024 CCLF SCAQMD SAO\Condition 15.b\DWG\2024 CCLF SCAQMD SAO_Condition 15.b_Tank Farm(s) As-Built_2024-07-30.dwg Aug 27, 2024 - 1:55pm By: 4018h

Attachment K

Leachate Seep Report

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

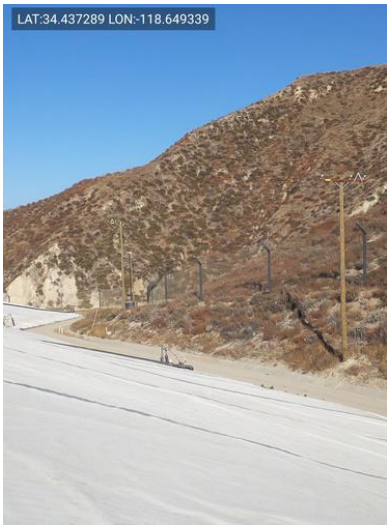


Photo 1

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

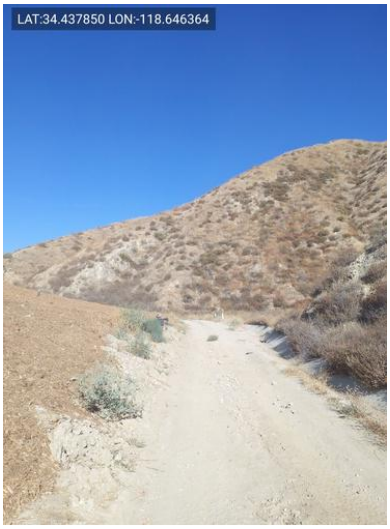


Photo 1

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

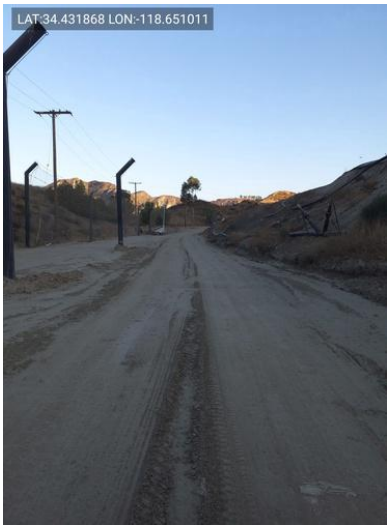


Photo 1

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

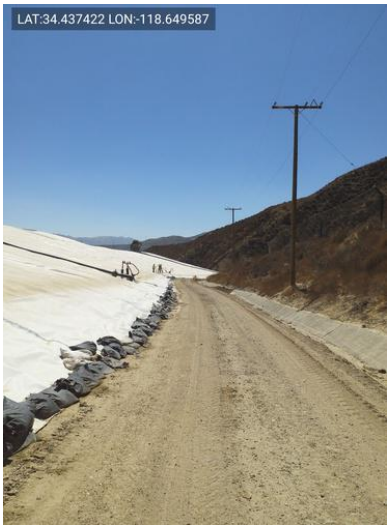


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

1 Aug 2024 / John Boucher

Complete

Conducted on	1 Aug 2024 9:06 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

1 Aug 2024 / John Boucher

Complete

Conducted on	1 Aug 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

4050 - Chiquita Leachate Seep/Pooling Inspection

2 Aug 2024 / John Boucher

Complete

Conducted on	2 Aug 2024 7:45 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

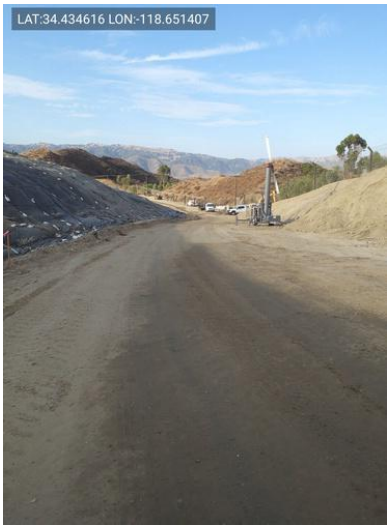


Photo 1

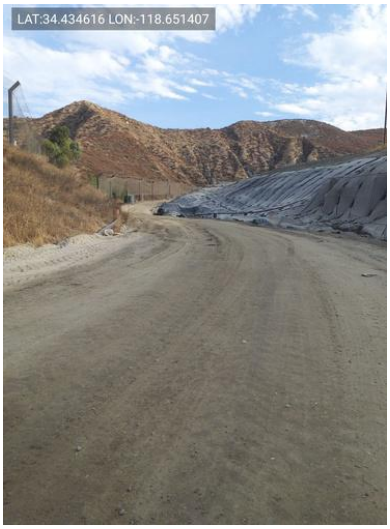


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

2 Aug 2024 / John Boucher

Complete

Conducted on	2 Aug 2024 3:46 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

3 Aug 2024 / John Boucher

Complete

Conducted on	3 Aug 2024 7:36 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

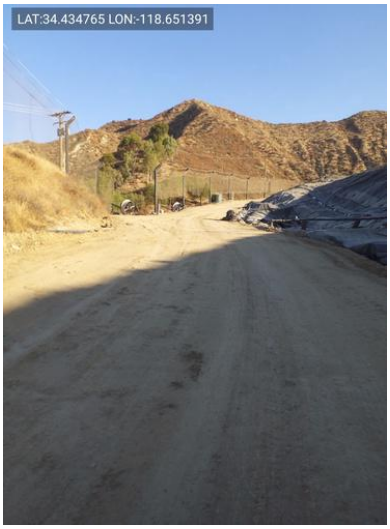


Photo 1

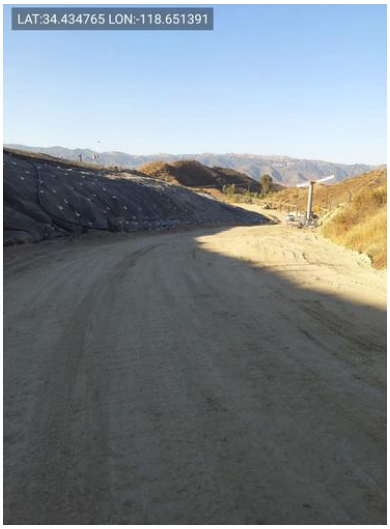


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

3 Aug 2024 / John Boucher

Complete

Conducted on	3 Aug 2024 1:33 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

4 Aug 2024 / Tom Roe

Complete

Conducted on	4 Aug 2024 7:00 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

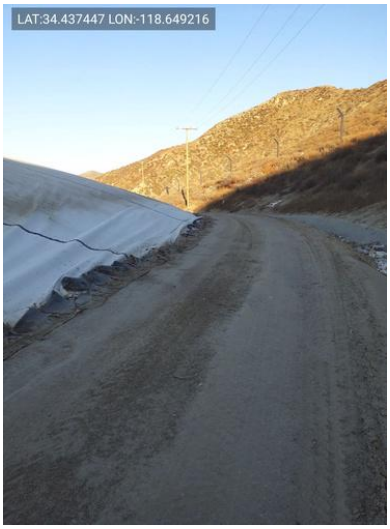


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

4 Aug 2024 / Tom Roe

Complete

Conducted on	4 Aug 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

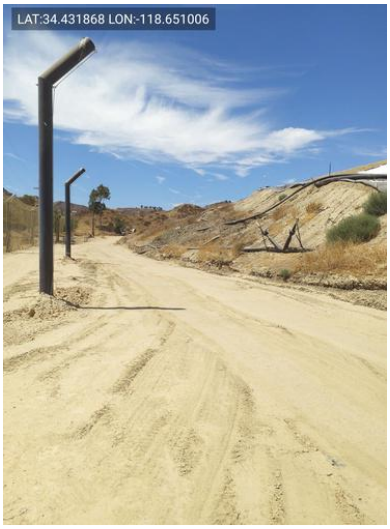


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	West side perimeter road.

CHIQUITA CANYON
A Waste Connections Company

August 13, 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 August 5, 2024 through August 11, 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 August 5– August 11, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

5 Aug 2024 / Tom Roe

Complete

Conducted on	5 Aug 2024 6:58 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

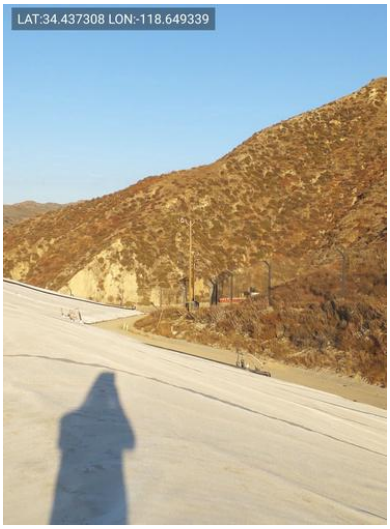


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North and West perimeter road from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

5 Aug 2024 / Tom Roe

Complete

Conducted on	5 Aug 2024 3:18 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

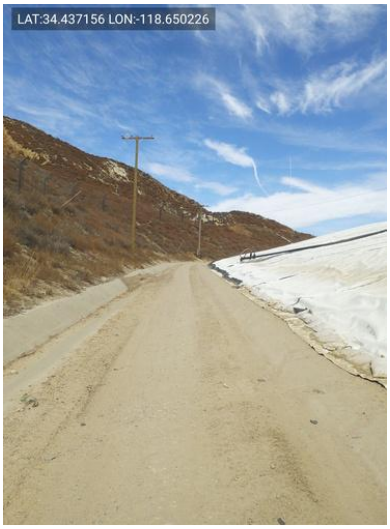


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

6 Aug 2024 / Tom Roe

Complete

Conducted on	6 Aug 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

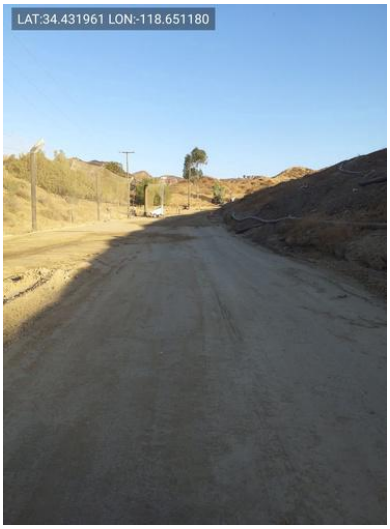


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

6 Aug 2024 / Tom Roe

Complete

Conducted on	6 Aug 2024 2:05 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

7 Aug 2024 / Tom Roe

Complete

Conducted on	7 Aug 2024 7:48 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

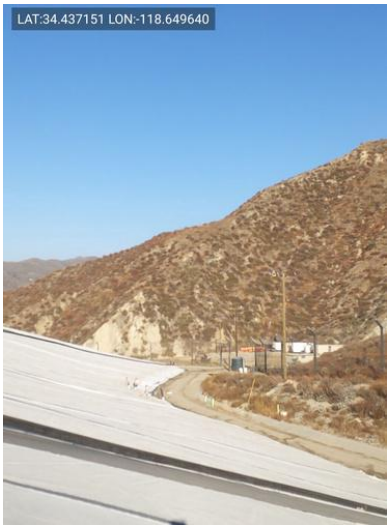


Photo 1

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

7 Aug 2024 / Tom Roe

Complete

Conducted on	7 Aug 2024 1:21 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

8 Aug 2024 / John Boucher

Complete

Conducted on	8 Aug 2024 7:06 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 Aug 2024 / John Boucher

Complete

Conducted on	8 Aug 2024 4:06 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

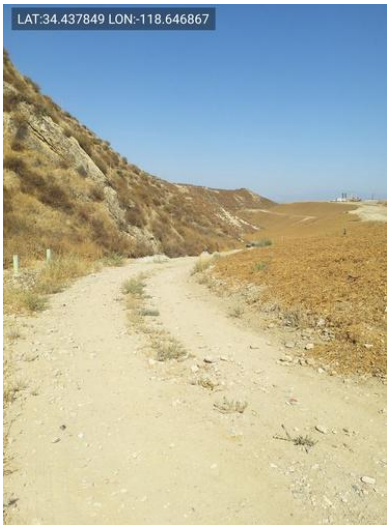


Photo 1

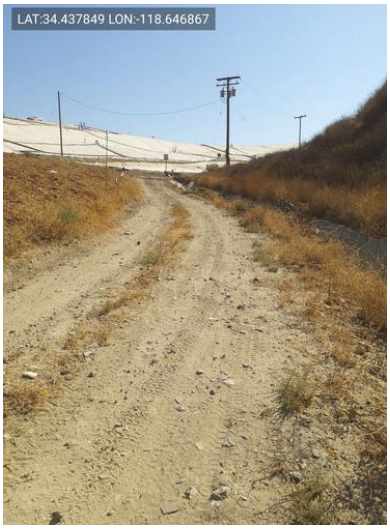


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

9 Aug 2024 / John Boucher

Complete

Conducted on	9 Aug 2024 7:21 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

9 Aug 2024 / John Boucher

Complete

Conducted on	9 Aug 2024 3:57 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

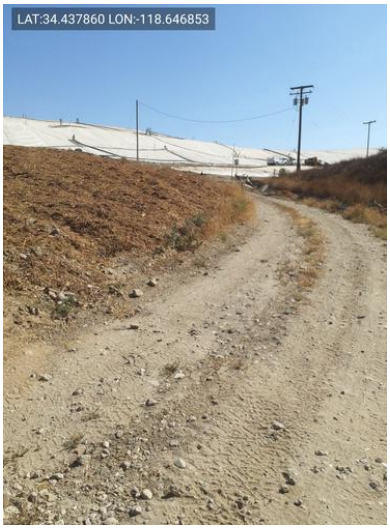


Photo 1

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

10 Aug 2024 / John Boucher

Complete

Conducted on	10 Aug 2024 8:58 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 Aug 2024 / John Boucher

Complete

Conducted on	10 Aug 2024 1:47 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

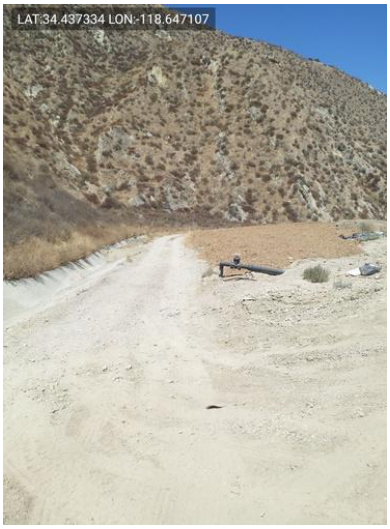


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

11 Aug 2024 / Tom Roe

Complete

Conducted on	11 Aug 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

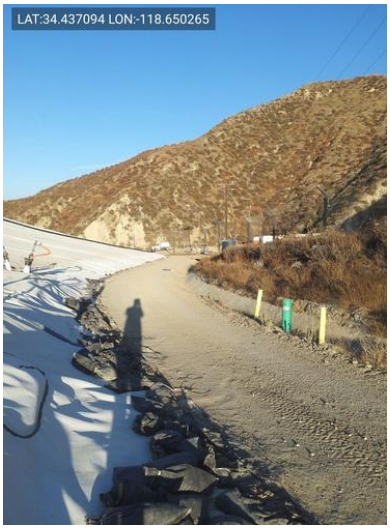


Photo 1

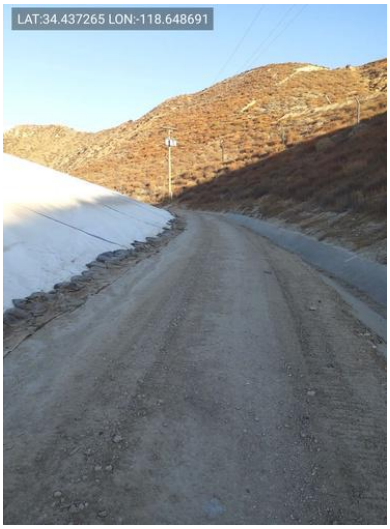


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

11 Aug 2024 / Tom Roe

Complete

Conducted on	11 Aug 2024 1:54 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.	Westside perimeter road.

CHIQUITA CANYON
A Waste Connections Company

August 20, 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 August 12, 2024 through August 18, 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).

Notwithstanding, please note that on August 15, a spill occurred in grid tank farm 7. While a third-party contractor was filling a tank, the tank overflowed, spilling roughly 3,000 gallons of leachate. The liquids stayed entirely within the secondary containment of the tank farm. No leachate reached the stormwater channel. Chiquita vacuumed all standing leachate, removed any contaminated dirt, and added fresh soil to the area impacted by the spill. This spill was fully contained in the same day, and fully cleaned by Sunday, August 18. While this spill does not constitute a "leachate seep," Chiquita is including a summary of this incident in this cover letter for completeness.

Regards,

Amanda Froman

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: Leachate Inspection Logs from August 12 – August18, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

12 Aug 2024 / Tom Roe

Complete

Conducted on	12 Aug 2024 7:05 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.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

12 Aug 2024 / Tom Roe

Complete

Conducted on	12 Aug 2024 2:10 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

13 Aug 2024 / Tom Roe

Complete

Conducted on	13 Aug 2024 6:24 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

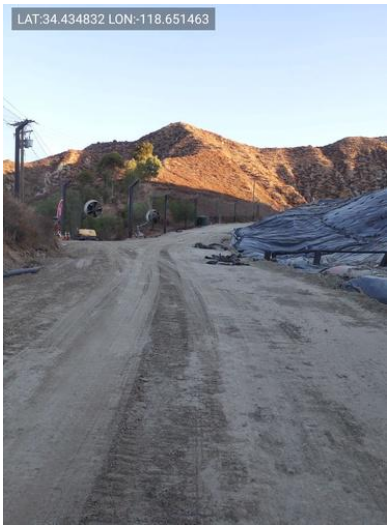


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

13 Aug 2024 / Tom Roe

Complete

Conducted on	13 Aug 2024 1:49 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 from bench road.

4050 - Chiquita Leachate Seep/Pooling Inspection

14 Aug 2024 / Tom Roe

Complete

Conducted on	14 Aug 2024 6:19 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

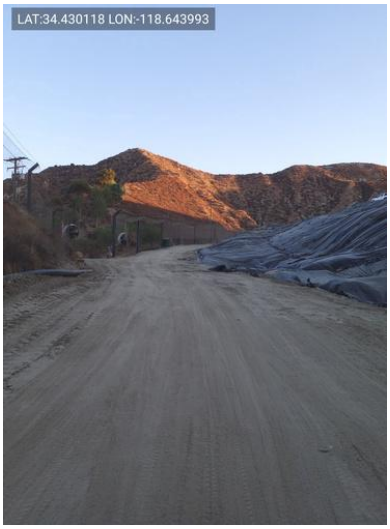


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

14 Aug 2024 / Tom Roe

Complete

Conducted on	14 Aug 2024 3:13 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

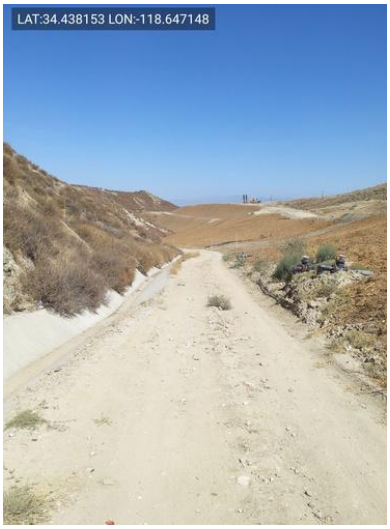


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

15 Aug 2024 / John Boucher

Complete

Conducted on	15 Aug 2024 7:27 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?	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

15 Aug 2024 / John Boucher

Complete

Conducted on	15 Aug 2024 3:42 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

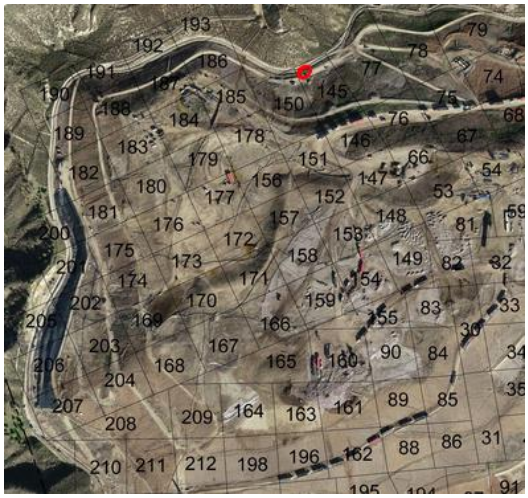
16 Aug 2024 / John Boucher

Complete

Conducted on	16 Aug 2024 7:26 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?	145

Indicate on the map the location



Drop Pin to record lat/long of seep/pooling location.	(34.4370428, -118.6476285)
Time seep/pooling was discovered	16 Aug 2024 7:36 AM PDT
Estimated duration of presence of leachate at such location	2 hours
Estimated quantity of leachate	11-20 gallons
Extent of area impacted (approximate sq ft impacted)	40 Sq ft
Odor type	Leachate
Odor intensity	2 - Light Odor Detected
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?

Contaminated soil removed, fresh dirt added to seal and contain seep

Photo 3

Photo 4

Photo 5

4050 - Chiquita Leachate Seep/Pooling Inspection

16 Aug 2024 / John Boucher

Complete

Conducted on	16 Aug 2024 3:49 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

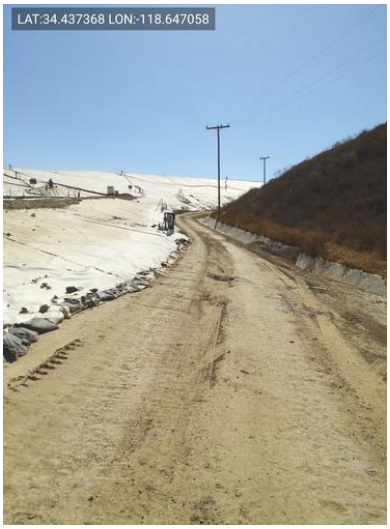


Photo 1

Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road. Seep from the morning Inspection was not present

4050 - Chiquita Leachate Seep/Pooling Inspection

17 Aug 2024 / John Boucher

Complete

Conducted on	17 Aug 2024 8:13 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

17 Aug 2024 / John Boucher

Complete

Conducted on	17 Aug 2024 1:08 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

18 Aug 2024 / Tom Roe

Complete

Conducted on	18 Aug 2024 6:34 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

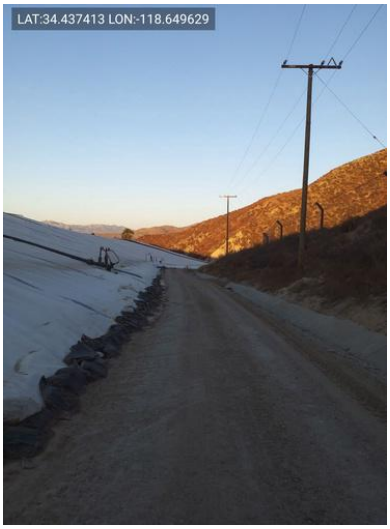


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

18 Aug 2024 / Tom Roe

Complete

Conducted on	18 Aug 2024 1:30 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.	Westside perimeter road.

CHIQUITA CANYON
A Waste Connections Company

August 27, 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 August 19, 2024 through August 25, 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

Amanda Froman
Compliance Manager
Chiquita Canyon, LLC

Attachment: Leachate Inspection Logs from August 19 – August 25, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

19 Aug 2024 / Tom Roe

Complete

Conducted on	19 Aug 2024 6:28 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

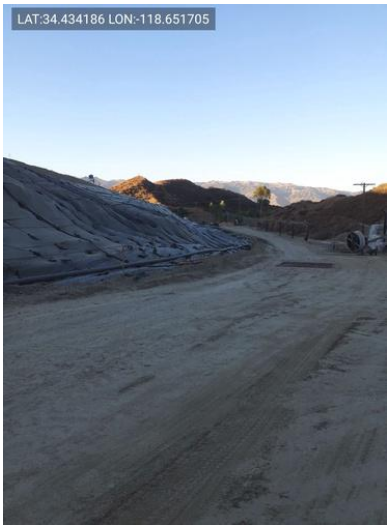


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

19 Aug 2024 / Tom Roe

Complete

Conducted on	19 Aug 2024 2:16 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

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

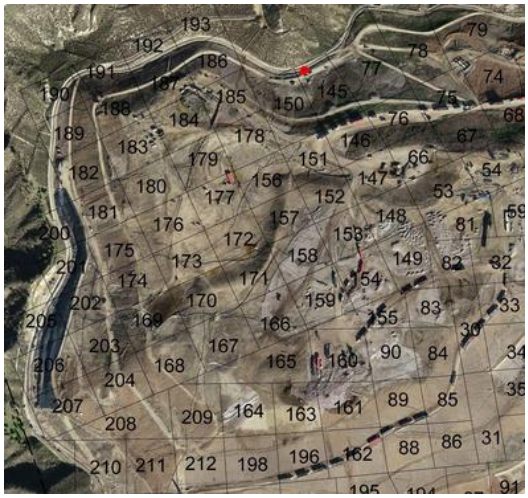
20 Aug 2024 / Tom Roe

Complete

Conducted on	20 Aug 2024 6:38 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?	145

Indicate on the map the location



Drop Pin to record lat/long of seep/pooling location.	(34.4370153, -118.6478161)
Time seep/pooling was discovered	20 Aug 2024 6:50 AM PDT
Estimated duration of presence of leachate at such location	8 hours
Estimated quantity of leachate	11-20 gallons
Extent of area impacted (approximate sq ft impacted)	25 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?

Affected soil was removed and clean dirt was added to contain seep.

Photo 3

4050 - Chiquita Leachate Seep/Pooling Inspection

20 Aug 2024 / Tom Roe

Complete

Conducted on	20 Aug 2024 2:09 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. Seep from this morning was not observed during the inspection.

4050 - Chiquita Leachate Seep/Pooling Inspection

21 Aug 2024 / Tom Roe

Complete

Conducted on	21 Aug 2024 7:35 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.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

21 Aug 2024 / Tom Roe

Complete

Conducted on	21 Aug 2024 2:32 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

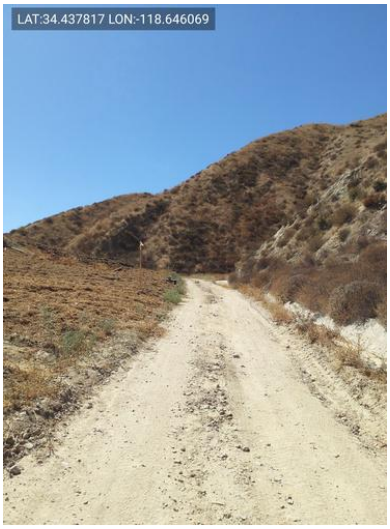


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

22 Aug 2024 / John Boucher

Complete

Conducted on	22 Aug 2024 7:31 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?	145

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.437049, -118.6478783)
Time seep/pooling was discovered	22 Aug 2024 8:01 AM PDT
Estimated duration of presence of leachate at such location	4 hours
Estimated quantity of leachate	11-20 gallons
Extent of area impacted (approximate sq ft impacted)	20 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?

Contaminated soil removed and fresh soil added on top to contain and seal seep location

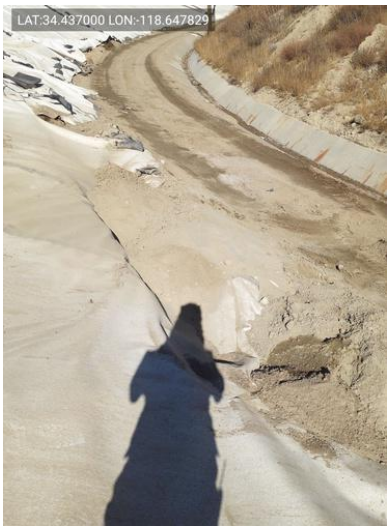


Photo 3

Photo 4

4050 - Chiquita Leachate Seep/Pooling Inspection

22 Aug 2024 / John Boucher

Complete

Conducted on	22 Aug 2024 3:08 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 was not observed

4050 - Chiquita Leachate Seep/Pooling Inspection

23 Aug 2024 / John Boucher

Complete

Conducted on	23 Aug 2024 7:42 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

23 Aug 2024 / John Boucher

Complete

Conducted on	23 Aug 2024 2:02 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

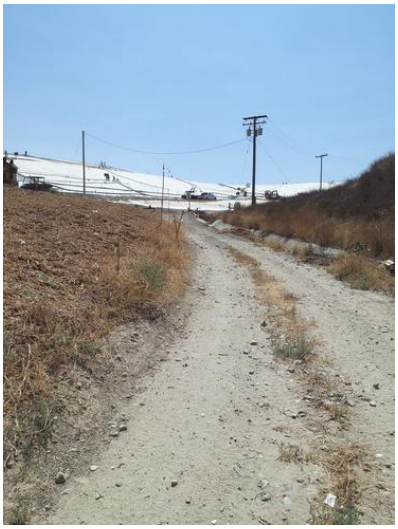


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

4050 - Chiquita Leachate Seep/Pooling Inspection

24 Aug 2024 / John Boucher

Complete

Conducted on	24 Aug 2024 8:35 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

24 Aug 2024 / John Boucher

Complete

Conducted on	24 Aug 2024 1:07 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

25 Aug 2024 / John Boucher

Complete

Conducted on	25 Aug 2024 9:20 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

25 Aug 2024 / John Boucher

Complete

Conducted on	25 Aug 2024 1:04 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

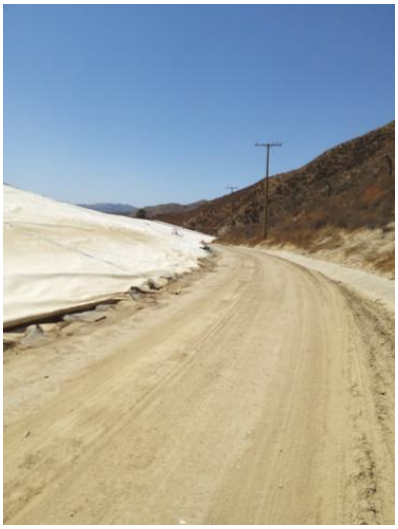


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North Side perimeter road

CHIQUITA CANYON
A Waste Connections Company

September 3, 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 August 26, 2024 through September 1, 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 August 26 – September 1, 2024

4050 - Chiquita Leachate Seep/Pooling Inspection

26 Aug 2024 / Tom Roe

Complete

Conducted on	26 Aug 2024 6:42 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.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

26 Aug 2024 / Tom Roe

Complete

Conducted on	26 Aug 2024 3:06 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

27 Aug 2024 / Tom Roe

Complete

Conducted on	27 Aug 2024 6:35 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

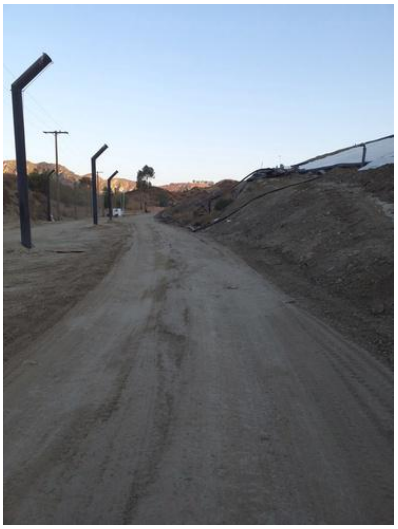


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

27 Aug 2024 / Tom Roe

Complete

Conducted on	27 Aug 2024 1:18 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

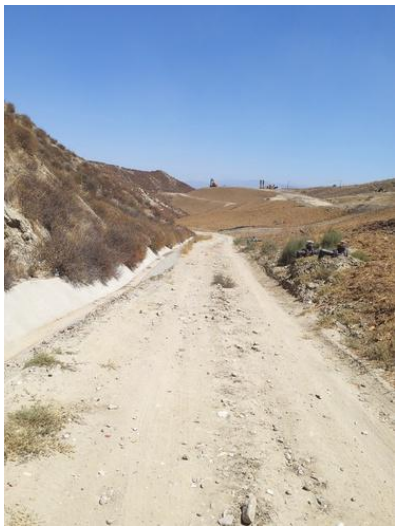


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

28 Aug 2024 / Tom Roe

Complete

Conducted on	28 Aug 2024 6:36 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

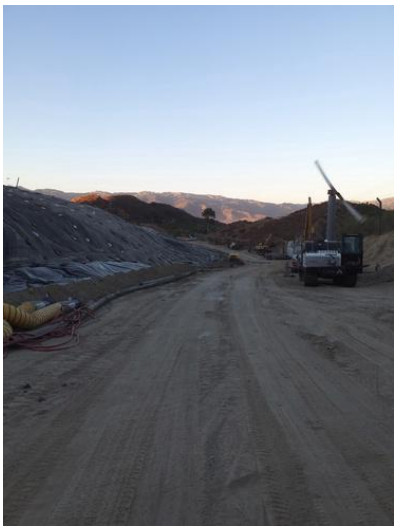


Photo 1

Description of area in photo where there is no leachate seepage or pooling.	Westside perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

28 Aug 2024 / Tom Roe

Complete

Conducted on	28 Aug 2024 1:01 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

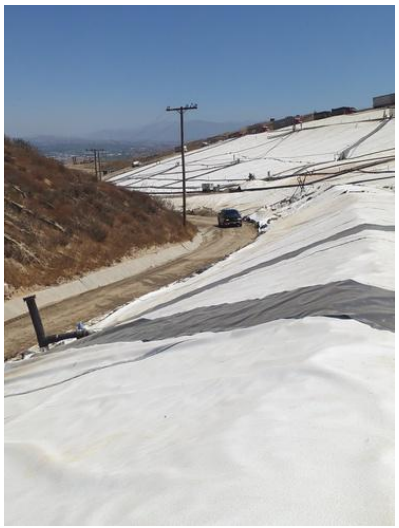


Photo 1

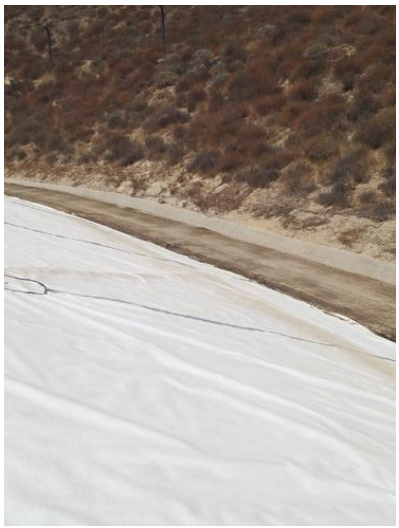


Photo 2

Description of area in photo where there is no leachate seepage or pooling.	North perimeter road.

4050 - Chiquita Leachate Seep/Pooling Inspection

29 Aug 2024 / John Boucher

Complete

Conducted on	29 Aug 2024 7:30 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

29 Aug 2024 / John Boucher

Complete

Conducted on	29 Aug 2024 3:06 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

30 Aug 2024 / John Boucher

Complete

Conducted on	30 Aug 2024 7:34 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

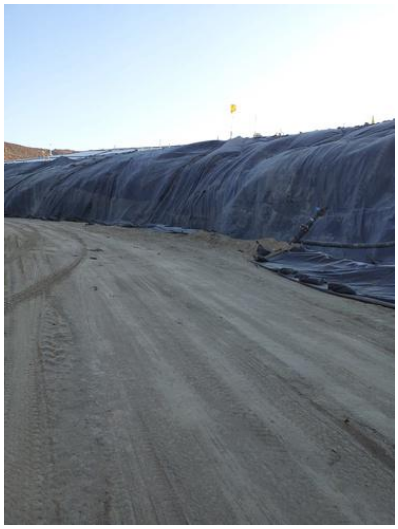


Photo 1

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

30 Aug 2024 / John Boucher

Complete

Conducted on	30 Aug 2024 2:47 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

31 Aug 2024 / John Boucher

Complete

Conducted on	31 Aug 2024 8:43 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

31 Aug 2024 / John Boucher

Complete

Conducted on	31 Aug 2024 2:01 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

1 Sep 2024 / Tom Roe

Complete

Conducted on	1 Sep 2024 6:58 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?	Yes
Which grid is the leachate seep/pooling located?	145

Indicate on the map the location

Drop Pin to record lat/long of seep/pooling location.	(34.4373913, -118.6471716)
Time seep/pooling was discovered	1 Sep 2024 7:30 AM PDT
Estimated duration of presence of leachate at such location	5 hours
Estimated quantity of leachate	6-10 gallons
Extent of area impacted (approximate sq ft impacted)	15 Sq ft
Odor type	Leachate
Odor intensity	3 - Moderate Odor
Surrounding soil saturation level	Saturated

Image of seep/pooling

Photo 1

Did the seep/pooling travel into the stormwater channel?	No

Actions taken to contain seep/pooling?

Affected soil was removed and clean dirt was added and compacted to contain seep.

Photo 2

4050 - Chiquita Leachate Seep/Pooling Inspection

1 Sep 2024 / Tom Roe

Complete

Conducted on	1 Sep 2024 1:21 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. Seep from this morning was not observed during this inspection.

Attachment L

Leachate Gallon Data

Leachate Gallons for the Month of August 2024

Off-site Disposal

Week	Date	Facility	Address	Estimated Gallons
1	8/1-8/4	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	343,426
1	8/1-8/4	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	121,753
1	8/1-8/4	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	39,783
1	8/1-8/4	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	31,906
1	8/1-8/4	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	20,642
1	8/1-8/4	Durham Regional Landfill	22316 South Harmon Rd. Florence, AZ 85132	35,094
2	8/5-8/11	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	767,651
2	8/5-8/11	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	323,123
2	8/5-8/11	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	99,881
2	8/5-8/11	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	17,289
2	8/5-8/11	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	70,512
2	8/5-8/11	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 South Highway 71 Kimball, NE 69145	15,519
2	8/5-8/11	US Ecology - Nevada	11455 S US-95 Beatty, NV 89003	78,689
2	8/5-8/11	Durham Regional Landfill	22316 South Harmon Rd. Florence, AZ 85132	100,835
3	8/12-8/18	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	596,401
3	8/12-8/18	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	306,007
3	8/12-8/18	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	48,778
3	8/12-8/18	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	64,148

3	8/12-8/18	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	61,383
3	8/12-8/18	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 South Highway 71 Kimball, NE 69145	15,976
3	8/12-8/18	US Ecology - Nevada	11455 S US-95 Beatty, NV 89003	39,277
3	8/12-8/18	Durham Regional Landfill	22316 South Harmon Rd. Florence, AZ 85132	142,906
4	8/19-8/25	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	615,629
4	8/19-8/25	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	214,648
4	8/19-8/25	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	29,222
4	8/19-8/25	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	17,192
4	8/19-8/25	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	75,436
4	8/19-8/25	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 S. Highway 71 Kimball, NE 69145	16,117
4	8/19-8/25	Durham Regional Landfill	22316 South Harmon Rd. Florence, AZ 85132	119,425
5	8/26-8/31	Avalon	14700 S. Avalon Blvd. Gardena, CA 90248	728,545
5	8/26-8/31	East Valley Remediation	62150 Gene Welmas Way Mecca, CA 92254	266,696
5	8/26-8/31	Clean Harbors - Industrial Service Oil Company	1700 S. Soto Street Los Angeles, CA 90023	19,999
5	8/26-8/31	Clean Harbors Texas	Clean Harbors, Deer Park 2027 Independence Parkway South La Porte, TX 77571	22,952
5	8/26-8/31	Clean Harbors Utah	Clean Harbors, Argonite 11600 North Aptus Road Grantsville, UT 84029	60,629
5	8/26-8/31	Clean Harbors Nebraska	Clean Harbors, Kimball 2247 S. Highway 71 Kimball, NE 69145	15,727
5	8/26-8/31	Durham Regional Landfill	22316 South Harmon Rd. Florence, AZ 85132	135,822

On-site Production and Treatment

Week	Date	Estimated Gallons Produced	Estimated Gallons Treated On-Site

1	8/1/24-8/4/24	755,940	551,649
2	8/5/24-8/11/24	1,380,251	1,098,870
3	8/12/24-8/18/24	1,228,345	960,521
4	8/19/24-8/25/24	1,436,483	1,013,259
5	8/26/24-8/31/24	1,225,173	810,639

Attachment M

Leachate Pressure Guage Readings

4050 - Daily Pressure Gauge Readings

Carlos Razo Mejia

Score	0 / 0 (0%)	**Flagged items**	0	**Actions**	0
Site conducted					4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on					29 Aug 2024 1:49 PM PDT
Prepared by					Carlos Razo Mejia

Pressure Gauge Readings	
#7 Tank Farm - South East Row	
Tank 74	0.
Tank 73	-.08
Tank 72	0
Tank 71	+.02
Tank 42	N/A
Tank 41	N/A
Tank 40	N/A
Tank 39	N/A
Tank 38	N/A
Tank 37	N/A
Tank 96	N/A
Tank 35	N/A
Tank 49	N/A
Tank 48	N/A
Tank 70	N/A
Tank 88	N/A
Tank 125	N/A
Tank 126	N/A
Tank 186	+.25
Tank 244	-.25
Tank 245	-.25
Tank 246	-.25

Tank 247	-.03
Tank Farm #7 - North Row	
Tank 55	.0
Tank 98	.0
Tank 53	.0
Tank 52	.0
Tank 51	.0
Tank 47	.0
Tank 46	.0
Tank 45	.0
Tank 44	.0
Tank 34	-.2
Tank 33	.0
Tank 32	.0
Tank 31	+.20
Tank 30	.0
Tank 29	.0
Tank 28	.0
Tank 27	.0
Tank 26	.0
Tank 25	.03
Tank 24	+.03
Tank 23	+.02
Tank 22	.0

Tank 21	-.03
Tank 20	.0
Tank 19	.0
Tank 18	.0
Tank 17	-.05
Tank 16	+.02
Tank 15	+.02
Tank 14	.0
Tank 13	-.04
Tank 12	-.29
Tank 11	-.07
Tank 10	+.03
Tank 09	-03
Tank 08	.0
Tank 07	-.02
Tank 06	-.02
Tank 05	-.02
Tank 04	-.02
Tank 03	+.02
Tank 02	.0-.
$7 Tank Farm - Middle Row	
Tank 84	-.18
Tank 83	-.05
Tank 82	-.15

Tank 81	-.15
Tank 80	-.03
Tank 79	.0
Tank 78	.0
Tank 76	.0
Tank 85	+.12
Tank 86	.0
Tank 75	-.04
Tank 90	.0
Tank 91	.0
Tank 92	-.03
Tank 93	+.03
Tank 94	..0
Tank 95	+.25
Tank 36	.0
Tank 99	.0
Tank 100	.0
Tank 101	.0
Tank 102	.0
Tank 103	.0
Tank 104	.0
Tank 106	.0
Tank 107	.0
Tank 112	

Tank 113	.0
Tank 114	-.03
Tank 115	.0
Tank 116	-.03
Tank 117	.0
Tank 118	.0
Tank 119	.0
Tank 120	.0
Tank 121	-.02
Tank 122	.0
Tank 123	-.03
Tank 124	-03
#7 Tank Farm - Short Row	
Tank 109	.0
Tank 110	.0
Tank 111	.
#2 East Perimeter	
Tank 61-A	+.10
Tank 61-B	-.10
Tank 61-C	.0
Tank 61-D	-.25
#6 North Perimeter	
Tank 64	-.25
Tank 65	-.03

Tank 66	-.25
Tank 67	-.05
Tank 207	-.25
Tank 208	-.25
#9 Tank Farm	
Tank 127	-.25
Tank 128	-.25
Tank 129	+.03
Tank 130	+.03
Tank 131	+.03
Tank 132	-.0
Tank 133	-.25
Tank 134	-.25
Tank 135	-.25
Tank 136	.0
Tank 137	.0
Tank 138	-.25
Tank 209	-.25
Tank 140	-.25
Tank 141	-.12
Tank 142	-.25
Tank 143	-.25
Tank 144	-.25
Tank 145	-.25

Tank 146	.0-.07
Tank 147	-.15
Tank 148	.0
Tank 149	-.02
Tank 150	.0
Tank 151	.0
Tank 152	+.15
Tank 153	+.25
Tank 154	-.02
Tank 155	-.05
Tank 156	-.25
Tank 157	-.25
Tank 158	-.25
Tank 159	-.25
Tank 160	-.25
Tank 161	-.25
Tank 162	-.03
Tank 163	-.25
Tank 164	-.25
Tank 165	-.25
Tank 166	--.25
Tank 167	-.25
Tank 168	-.25
Tank 169	-.25

Tank 170	-.25
Tank 171	-.25
Tank 172	-.25
Tank 173	.0
Tank 174	.0
Tank 175	.0
Tank 176	.0
Tank 177	.0
Tank 178	+.25
Tank 179	.0
Tank 180	.0
Tank 181	.0
Tank 182	.0
Tank 183	-.25
Tank 184	-.25
Tank 185	-.03
Tank 187	.0
Tank 188	.0
Tank 189	-.25
Tank 190	-.25
Tank 191	+.03
Tank 192	-.25
Tank 193	-.25
Tank 194	-.25

Tank 195	-.25
Tank 196	-.25
Tank 197	-.25
Tank 198	.0
Tank 199	-.25
Tank 200	-.25
Tank 201	-.25
Tank 202	-.25
Tank 203	-.25
Tank 204	-.25
Tank 205	-.25
Tank 206	-.03
Tank 210	-.10
Tank 211	-.25
Tank 212	-.25
Tank 213	-.25
Tank 214	-.25
Tank 215	-.20
Tank 216	-.25
Tank 217	-.25
Tank 218	-.25
Tank 219	-.25
Tank 220	.0
Tank 221	-.03

Tank 222	-.25
Tank 223	-.04
Tank 224	.0
Tank 225	.0.0
Tank 226	.0
Tank 227	-.02
Tank 228	-.03
Tank 229	-25
Tank 230	-05
Tank 231	-20
Tank 232	-25
Tank 233	-25
Tank 234	-25
Tank 250	-.25
Tank 251	-.25
Tank 252	-.25
Tank 253	-.25
Tank 254	-.25
Tank 255	-.25
Tank 256	-.25
Tank 257	-25
Tank 258	-25
Tank 259	+25
Tank 260	-25

Tank 261	-25
Tank 262	-25
Tank 263	-25
Tank 264	-25
Tank 265	-25
Tank 266	-25
Tank 267	-25
Tank 268	-25
Tank 269	
Tank 68	.0
Tank 69	.0
Tank 57	.0
Tank 58	.0
Tank 59	.0
Tank 60	.0.0
Tank 61	.0
Tank 62	.0
Tank 63	.0

Certification

Joe Rodriguez
29 Aug 2024 4:47 PM PDT

4050 - Daily Pressure Gauge Readings

Bryan Martinez

Complete

Score	0 / 0 (0%)	**Flagged items**	0	**Actions**	0

Site conducted	4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on	30 Aug 2024 9:56 AM PDT
Prepared by	Bryan Martinez

Pressure Gauge Readings	
#7 Tank Farm - South East Row	
Tank 74	0
Tank 73	-.05
Tank 72	0
Tank 71	0
Tank 42	N/A
Tank 41	N/A
Tank 40	N/A
Tank 39	N/A
Tank 38	N/A
Tank 37	N/A
Tank 96	N/A
Tank 35	N/A
Tank 49	N/A
Tank 48	N/A
Tank 70	N/A
Tank 88	N/A
Tank 125	N/A
Tank 126	N/A
Tank 186	.25
Tank 244	-.20
Tank 245	-.25
Tank 246	0

Tank 247	0
Tank Farm #7 - North Row	
Tank 55	0
Tank 98	0
Tank 53	0
Tank 52	0
Tank 51	0
Tank 47	0
Tank 46	0
Tank 45	0
Tank 44	0
Tank 34	-.05
Tank 33	0
Tank 32	0
Tank 31	.25
Tank 30	0
Tank 29	0
Tank 28	0
Tank 27	0
Tank 26	0
Tank 25	0
Tank 24	0
Tank 23	0
Tank 22	0

Tank 21	0
Tank 20	0
Tank 19	0
Tank 18	0
Tank 17	0
Tank 16	0
Tank 15	0
Tank 14	0
Tank 13	0
Tank 12	-.25
Tank 11	0
Tank 10	0
Tank 09	0
Tank 08	0
Tank 07	0
Tank 06	0
Tank 05	0
Tank 04	0
Tank 03	0
Tank 02	0
$7 Tank Farm - Middle Row	
Tank 84	-10
Tank 83	-.20
Tank 82	-.25

Tank 81	-.25
Tank 80	-.10
Tank 79	0
Tank 78	0
Tank 76	0
Tank 85	0
Tank 86	0
Tank 75	0
Tank 90	0
Tank 91	0
Tank 92	-.04
Tank 93	0
Tank 94	0
Tank 95	-.25
Tank 36	0
Tank 99	0
Tank 100	0
Tank 101	0
Tank 102	0
Tank 103	0
Tank 104	0
Tank 106	0
Tank 107	0
Tank 112	N/A

Tank 113	0
Tank 114	0
Tank 115	0
Tank 116	0
Tank 117	-.03
Tank 118	0
Tank 119	-.05
Tank 120	0
Tank 121	-.05
Tank 122	-.05
Tank 123	-.05
Tank 124	-.08
#7 Tank Farm - Short Row	
Tank 109	0
Tank 110	-.05
Tank 111	N/A
#2 East Perimeter	
Tank 61-A	-.20
Tank 61-B	-.10
Tank 61-C	-.15
Tank 61-D	-.05
#6 North Perimeter	
Tank 64	-.25
Tank 65	-.03

Tank 66	-.25
Tank 67	-05
Tank 207	-.25
Tank 208	-.25
#9 Tank Farm	
Tank 127	-.25
Tank 128	-.25
Tank 129	.25
Tank 130	0
Tank 131	.01
Tank 132	-.05
Tank 133	-.25
Tank 134	-.25
Tank 135	-.25
Tank 136	-.25
Tank 137	.01
Tank 138	-.25
Tank 209	-.25
Tank 140	-.25
Tank 141	-.12
Tank 142	-.25
Tank 143	-.25
Tank 144	-.25
Tank 145	.04

Tank 146	0
Tank 147	-.09
Tank 148	-.25
Tank 149	0
Tank 150	.05
Tank 151	.25
Tank 152	.25
Tank 153	.25
Tank 154	.25
Tank 155	.25
Tank 156	-.25
Tank 157	-.25
Tank 158	-.25
Tank 159	-.25
Tank 160	-.25
Tank 161	-.25
Tank 162	.19
Tank 163	-.25
Tank 164	-.255
Tank 165	-.25
Tank 166	-.25
Tank 167	-.25
Tank 168	-.25
Tank 169	-.25

Tank 170	-.25
Tank 171	-.25
Tank 172	-.25
Tank 173	0
Tank 174	0
Tank 175	0
Tank 176	.05
Tank 177	.25
Tank 178	.02
Tank 179	0
Tank 180	.05
Tank 181	-.03
Tank 182	0
Tank 183	-.25
Tank 184	-.25
Tank 185	0
Tank 187	0
Tank 188	0
Tank 189	-.25
Tank 190	-.25
Tank 191	0
Tank 192	-.25
Tank 193	-.25
Tank 194	-.25

Tank 195	-.25
Tank 196	-.25
Tank 197	-.25
Tank 198	0
Tank 199	-.25
Tank 200	-.25
Tank 201	-.25
Tank 202	-.25
Tank 203	-.25
Tank 204	-.25
Tank 205	-.25
Tank 206	0
Tank 210	-.10
Tank 211	-.25
Tank 212	-..25
Tank 213	-.25
Tank 214	-.25
Tank 215	-.15
Tank 216	-.25
Tank 217	-.25
Tank 218	0
Tank 219	0
Tank 220	0
Tank 221	0

Tank 222	-25
Tank 223	0
Tank 224	0
Tank 225	0
Tank 226	0
Tank 227	0
Tank 228	-.03
Tank 229	-.15
Tank 230	0
Tank 231	-.10
Tank 232	-.13
Tank 233	-.15
Tank 234	-.11
Tank 250	-.25
Tank 251	-.25
Tank 252	-.25
Tank 253	-.25
Tank 254	-.25
Tank 255	-.25
Tank 256	-.25
Tank 257	-.16
Tank 258	-.25
Tank 259	.25
Tank 260	-.25

Tank 261	-.25
Tank 262	0
Tank 263	0
Tank 264	-.25
Tank 265	-.25
Tank 266	-.25
Tank 267	-,25
Tank 268	-.25
Tank 269	N/A
Tank 68	0
Tank 69	0
Tank 57	0
Tank 58	0
Tank 59	0
Tank 60	0
Tank 61	0
Tank 62	0
Tank 63	0

Certification

Bryan Martinez
30 Aug 2024 4:53 PM PDT

4050 - Daily Pressure Gauge Readings

Joe Rodriquez

Complete

Score	0 / 0 (0%)	Flagged items	0	Actions	0

Site conducted	4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on	31 Aug 2024 9:48 AM PDT
Prepared by	Joe Rodriquez

Pressure Gauge Readings	
#7 Tank Farm - South East Row	
Tank 74	.0
Tank 73	.0
Tank 72	.0
Tank 71	.0
Tank 42	N/A
Tank 41	N\A
Tank 40	N/A
Tank 39	N/A
Tank 38	N/A
Tank 37	N/A
Tank 96	N/A
Tank 35	N/A
Tank 49	N/A
Tank 48	N/A
Tank 70	N/A
Tank 88	N/A
Tank 125	N/A
Tank 126	N/A
Tank 186	.0
Tank 244	-.10
Tank 245	-.06
Tank 246	.0

Tank 247	-.05
Tank Farm #7 - North Row	
Tank 55	.0
Tank 98	.0
Tank 53	.0
Tank 52	.0
Tank 51	.0
Tank 47	.0
Tank 46	.0
Tank 45	.0
Tank 44	.0
Tank 34	.0
Tank 33	.0
Tank 32	.0
Tank 31	.0
Tank 30	.0
Tank 29	+.03
Tank 28	.0
Tank 27	.0
Tank 26	+.04
Tank 25	+.05
Tank 24	+.02
Tank 23	+.02
Tank 22	+.02

Tank 21	+.03
Tank 20	+.03
Tank 19	.0
Tank 18	.0
Tank 17	+.03
Tank 16	+.04
Tank 15	+.04
Tank 14	.0
Tank 13	+.04
Tank 12	-.25
Tank 11	+05
Tank 10	.0
Tank 09	-.04
Tank 08	-.03
Tank 07	.0
Tank 06	+.03
Tank 05	+.03
Tank 04	.0
Tank 03	.0
Tank 02	.0
$7 Tank Farm - Middle Row	
Tank 84	+.20
Tank 83	+.03:
Tank 82	+.15

Tank 81	+.17
Tank 80	.0
Tank 79	.0
Tank 78	.05
Tank 76	.0
Tank 85	.0
Tank 86	.0
Tank 75	.0
Tank 90	+.04
Tank 91	-.03
Tank 92	-.03
Tank 93	+.02
Tank 94	.0
Tank 95	-.25
Tank 36	-.03
Tank 99	-.03
Tank 100	.º
Tank 101	.0
Tank 102	.0
Tank 103	.0
Tank 104	.0
Tank 106	.0
Tank 107	.0
Tank 112	-.03

Tank 113	.0
Tank 114	.0
Tank 115	.0
Tank 116	.0
Tank 117	.0
Tank 118	+.10
Tank 119	+.15
Tank 120	+.20
Tank 121	+.20
Tank 122	+.24
Tank 123	.0
Tank 124	N/A
#7 Tank Farm - Short Row	
Tank 109	.0
Tank 110	+.09
Tank 111	N/A
#2 East Perimeter	
Tank 61-A	+25
Tank 61-B	-04
Tank 61-C	+.25
Tank 61-D	+.25
#6 North Perimeter	
Tank 64	+.25
Tank 65	.0

Tank 66	+.25
Tank 67	.0
Tank 207	+.25
Tank 208	+.25
#9 Tank Farm	
Tank 127	+.07
Tank 128	+.10
Tank 129	.0
Tank 130	+.07
Tank 131	+.06
Tank 132	-.25
Tank 133	-.02
Tank 134	+.04
Tank 135	+.03
Tank 136	.0
Tank 137	.0
Tank 138	+.02
Tank 209	+.25
Tank 140	+.05
Tank 141	-.015
Tank 142	.0
Tank 143	+.03
Tank 144	.0
Tank 145	+.25

Tank 146	+.25
Tank 147	+.25
Tank 148	+.25
Tank 149	+.25
Tank 150	+.25
Tank 151	+.14
Tank 152	+.25
Tank 153	+.25
Tank 154	+25
Tank 155	+25
Tank 156	N/A
Tank 157	.0+.03
Tank 158	+.06
Tank 159	.0
Tank 160	.0
Tank 161	+.05
Tank 162	+.25
Tank 163	.0
Tank 164	.0
Tank 165	+03
Tank 166	+.04
Tank 167	+.05
Tank 168	+.03
Tank 169	+.03

Tank 170	+.04
Tank 171	+.04
Tank 172	+.05
Tank 173	+.05
Tank 174	.0
Tank 175	-.25
Tank 176	+.25
Tank 177	.0
Tank 178	+.07
Tank 179	+.03
Tank 180	+.05
Tank 181	+,05
Tank 182	.0
Tank 183	+.06
Tank 184	+.05
Tank 185	+.06
Tank 187	.0
Tank 188	+.03
Tank 189	-.03
Tank 190	.0.0
Tank 191	-.04
Tank 192	-.04
Tank 193	-.03
Tank 194	.0

Tank 195	-.04
Tank 196	-.03
Tank 197	.0
Tank 198	.0
Tank 199	.0
Tank 200	+.03
Tank 201	+.4
Tank 202	.0
Tank 203	-.05
Tank 204	.0
Tank 205	.0
Tank 206	.0
Tank 210	-.03
Tank 211	-.03
Tank 212	.0
Tank 213	.0
Tank 214	.0
Tank 215	.0
Tank 216	.0
Tank 217	-.05
Tank 218	.0
Tank 219	.0
Tank 220	.0
Tank 221	.0

Tank 222	.0
Tank 223	.0
Tank 224	.0
Tank 225	.0
Tank 226	.0
Tank 227	.0
Tank 228	.0
Tank 229	.0
Tank 230	.0
Tank 231	.0
Tank 232	.0
Tank 233	.0
Tank 234	. 0
Tank 250	-.10
Tank 251	+.15
Tank 252	-.15
Tank 253	-.10
Tank 254	-.15
Tank 255	-.13
Tank 256	-.14
Tank 257	-.05
Tank 258	-.05
Tank 259	+.08
Tank 260	-.05

Tank 261	-.05
Tank 262	-.05
Tank 263	-.05
Tank 264	-.05
Tank 265	-.05
Tank 266	--.05
Tank 267	-.05
Tank 268	-.05
Tank 269	.0
Tank 68	.0
Tank 69	N/A
Tank 57	.0.0
Tank 58	.0
Tank 59	.0
Tank 60	.0
Tank 61	.0
Tank 62	.0
Tank 63	.0

Certification

Joe Rodriquez
31 Aug 2024 1:55 PM PDT

Attachment N

Leachate Tank Flow Summary Report

Tank Farm Flows Summary

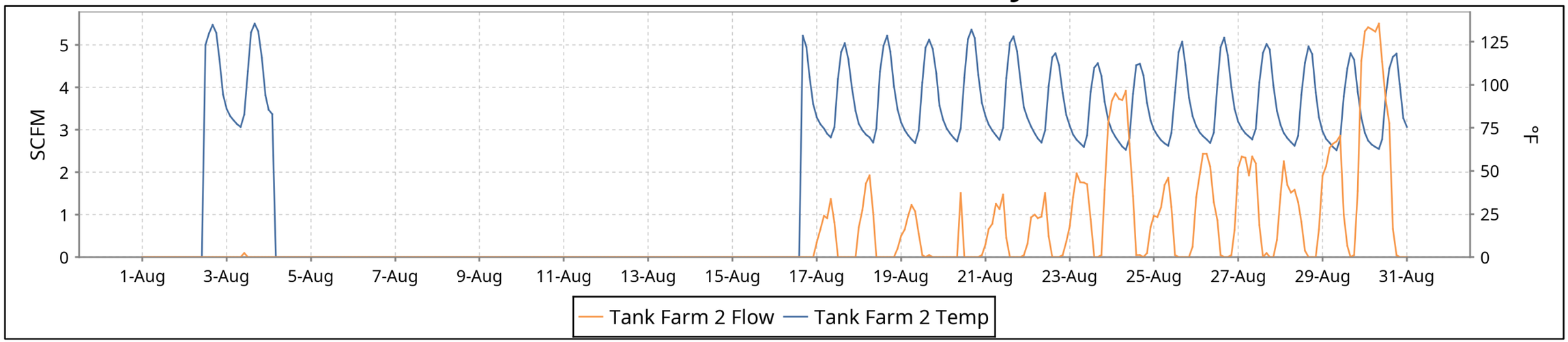
Chiquita Canyon Landfill
29201 Henry Mayo Dr
Castaic, CA 91384

SCS ENGINEERS

07224127.00 | Sep 20, 2024

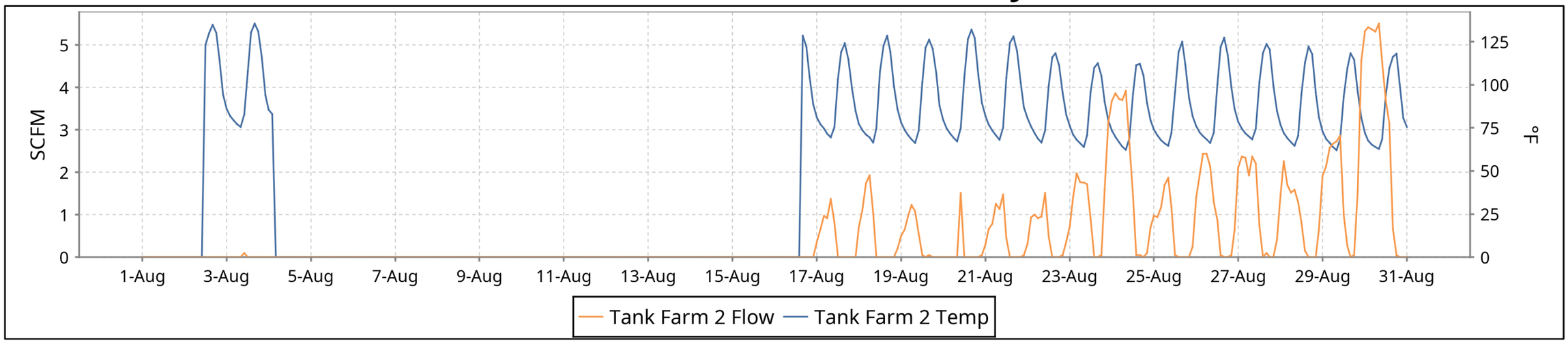
274 Granite Run Drive
Lancaster, PA 17601
717-550-6330

Tank Farm 2 Summary



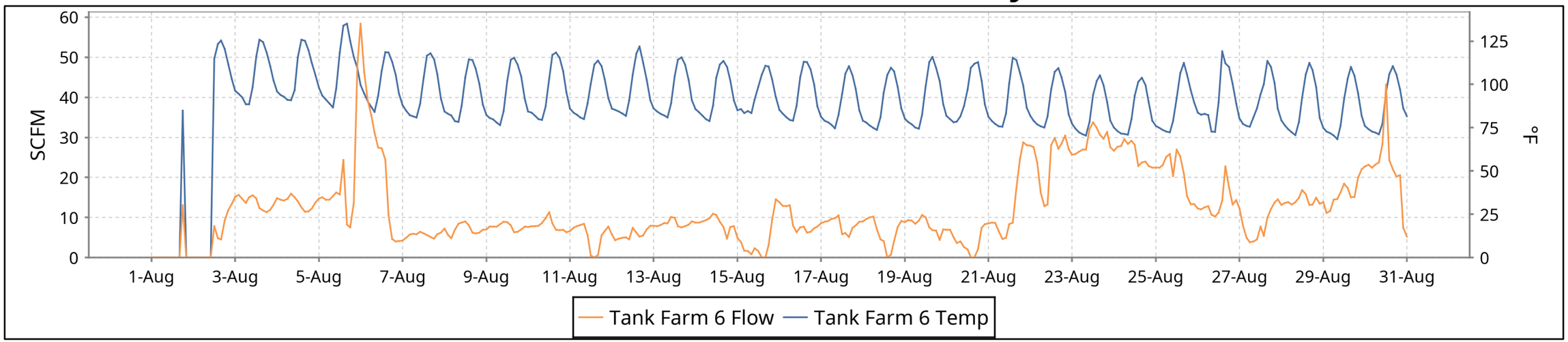
Date	Tank 2 Flow Min (SCFM)	Tank 2 Flow Avg (SCFM)	Tank 2 Flow Max (SCFM)	Tank 2 Temp Min (°F)	Tank 2 Temp Avg (°F)	Tank 2 Temp Max (°F)	Total Tank 2 Flow (kSCF)
Aug 1, 2024	<NA>	<NA>	<NA>	67.60	<NA>	67.60	<NA>
Aug 2, 2024	<NA>	<NA>	<NA>	90.00	120.94	136.00	<NA>
Aug 3, 2024	<NA>	<NA>	3.01	75.20	99.76	136.80	<NA>
Aug 4, 2024	<NA>	<NA>	<NA>	82.80	85.12	88.80	<NA>
Aug 5, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 6, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 7, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 8, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 9, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 10, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 11, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 12, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 13, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 14, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 15, 2024	<NA>	<NA>	<NA>	82.80	<NA>	82.80	<NA>
Aug 16, 2024	<NA>	<NA>	<NA>	84.80	109.66	129.60	<NA>

Tank Farm 2 Summary



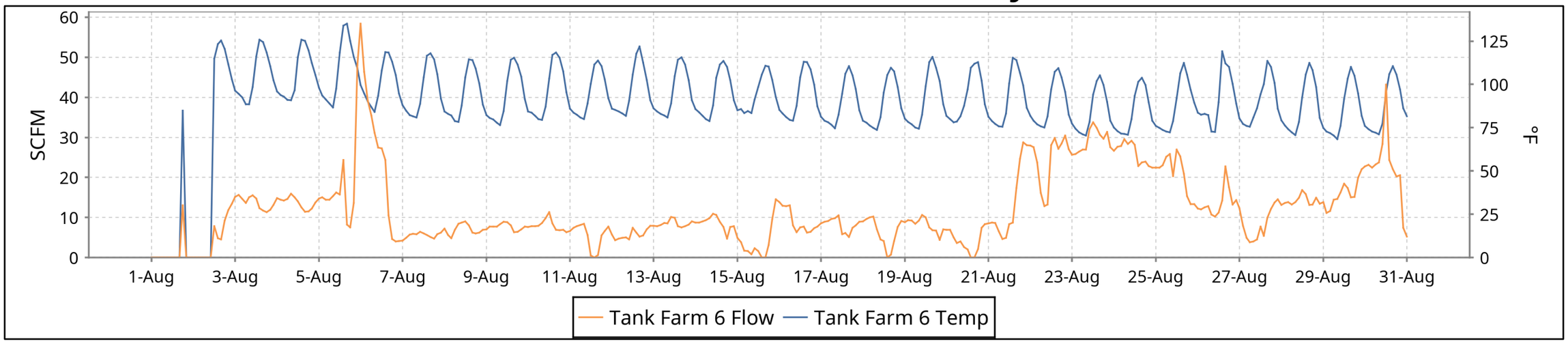
Date	Tank 2 Flow Min (SCFM)	Tank 2 Flow Avg (SCFM)	Tank 2 Flow Max (SCFM)	Tank 2 Temp Min (°F)	Tank 2 Temp Avg (°F)	Tank 2 Temp Max (°F)	Total Tank 2 Flow (kSCF)
Aug 17, 2024	<NA>	<NA>	7.03	69.20	91.15	125.60	<NA>
Aug 18, 2024	<NA>	<NA>	4.03	64.00	91.36	129.60	<NA>
Aug 19, 2024	<NA>	<NA>	3.02	65.60	91.23	127.20	<NA>
Aug 20, 2024	<NA>	<NA>	4.03	66.40	93.51	132.80	<NA>
Aug 21, 2024	<NA>	<NA>	4.01	67.60	92.49	129.60	<NA>
Aug 22, 2024	<NA>	<NA>	4.02	66.00	88.33	120.00	<NA>
Aug 23, 2024	<NA>	1.25	5.03	63.60	84.08	114.40	1.81
Aug 24, 2024	<NA>	1.99	5.03	62.00	83.18	115.20	2.87
Aug 25, 2024	<NA>	<NA>	4.03	64.40	86.71	128.80	<NA>
Aug 26, 2024	<NA>	1.11	4.03	65.60	89.72	130.40	1.59
Aug 27, 2024	<NA>	1.22	4.03	67.60	90.51	124.80	1.75
Aug 28, 2024	<NA>	<NA>	4.03	64.00	86.94	125.60	<NA>
Aug 29, 2024	<NA>	1.87	6.03	61.60	84.54	119.20	2.69
Aug 30, 2024	<NA>	3.26	7.03	62.40	84.89	120.80	4.69
Summary		**1.78**			**91.90**		**15.39**

Tank Farm 6 Summary



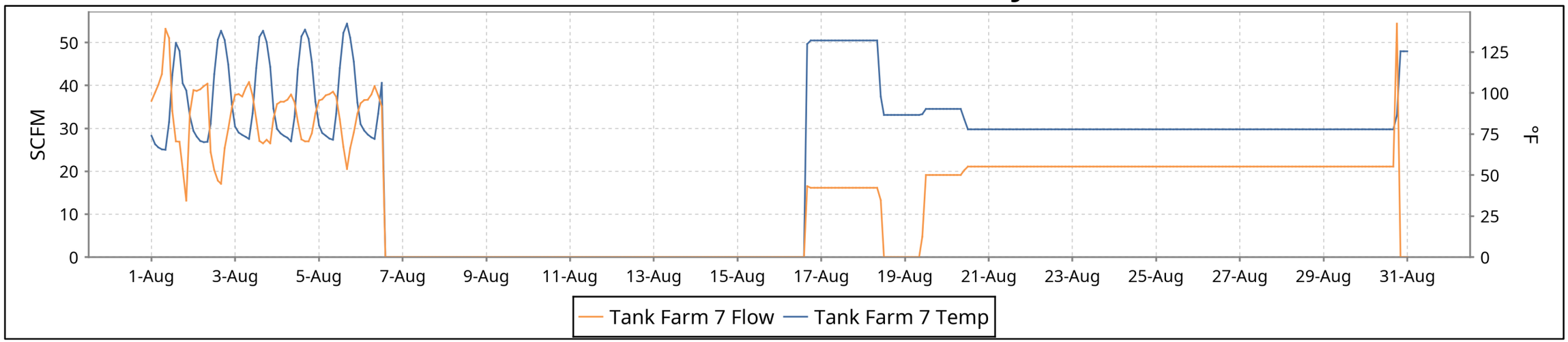
Date	Tank 6 Flow Min (SCFM)	Tank 6 Flow Avg (SCFM)	Tank 6 Flow Max (SCFM)	Tank 6 Temp Min (°F)	Tank 6 Temp Avg (°F)	Tank 6 Temp Max (°F)	Total Tank 6 Flow (kSCF)
Aug 1, 2024	13.00	13.00	13.00	84.80	84.80	84.80	18.73
Aug 2, 2024	<NA>	8.66	15.05	98.80	116.55	128.00	<NA>
Aug 3, 2024	8.01	13.74	42.02	86.80	104.72	127.20	19.78
Aug 4, 2024	8.02	13.72	20.05	89.60	105.44	126.40	<NA>
Aug 5, 2024	6.00	17.30	200.44	86.00	107.80	136.80	24.91
Aug 6, 2024	4.00	26.06	77.39	83.60	100.64	120.00	<NA>
Aug 7, 2024	3.01	5.55	7.03	80.40	96.44	120.00	7.99
Aug 8, 2024	3.00	7.02	9.06	78.00	93.74	116.80	<NA>
Aug 9, 2024	5.01	7.64	9.06	75.60	93.41	116.00	11.00
Aug 10, 2024	5.00	8.05	15.04	78.80	96.12	120.00	<NA>
Aug 11, 2024	<NA>	5.42	10.04	79.60	94.39	118.40	7.81
Aug 12, 2024	<NA>	5.72	9.04	81.20	96.91	123.20	<NA>
Aug 13, 2024	6.00	8.46	11.06	80.40	95.41	116.80	12.19
Aug 14, 2024	4.02	8.67	12.06	78.00	94.20	114.40	<NA>
Aug 15, 2024	<NA>	3.68	16.05	82.00	94.45	113.60	5.30
Aug 16, 2024	3.01	9.16	15.06	77.60	93.48	114.40	<NA>

Tank Farm 6 Summary



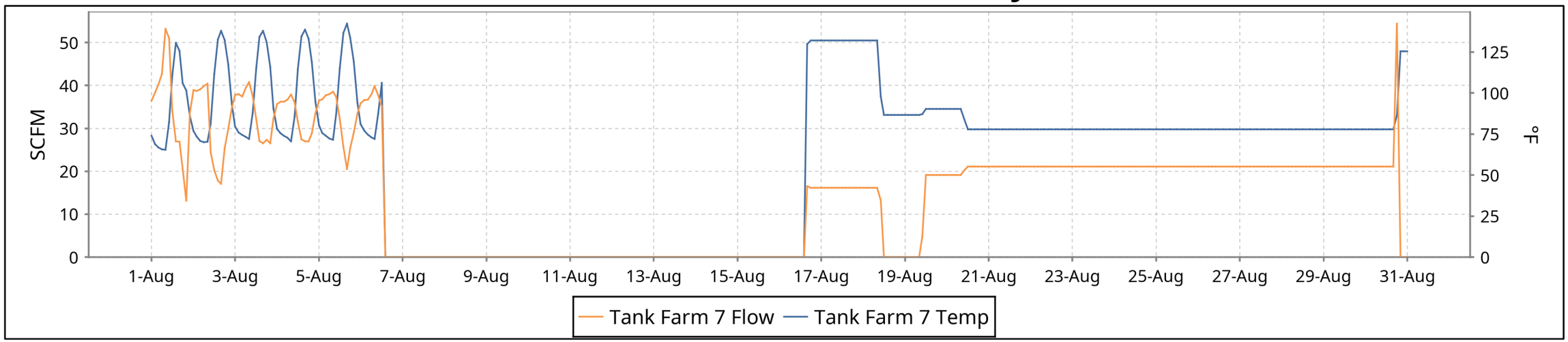
Date	Tank 6 Flow Min (SCFM)	Tank 6 Flow Avg (SCFM)	Tank 6 Flow Max (SCFM)	Tank 6 Temp Min (°F)	Tank 6 Temp Avg (°F)	Tank 6 Temp Max (°F)	Total Tank 6 Flow (kSCF)
Aug 17, 2024	3.00	8.17	12.06	74.00	89.28	112.00	11.77
Aug 18, 2024	<NA>	6.35	11.06	73.20	88.76	114.40	<NA>
Aug 19, 2024	<NA>	8.18	11.06	74.00	91.27	116.80	11.78
Aug 20, 2024	<NA>	4.09	9.04	74.40	92.46	116.80	<NA>
Aug 21, 2024	4.00	13.14	67.21	75.20	91.18	119.20	18.92
Aug 22, 2024	10.02	24.37	35.15	74.80	88.86	111.20	<NA>
Aug 23, 2024	20.02	29.09	36.23	70.00	84.52	106.40	41.88
Aug 24, 2024	16.00	26.09	32.25	70.80	84.09	104.80	<NA>
Aug 25, 2024	8.02	21.20	47.08	72.00	87.60	116.00	30.53
Aug 26, 2024	10.00	13.65	26.01	69.60	91.39	122.40	<NA>
Aug 27, 2024	3.00	8.41	16.05	71.60	90.08	115.20	12.11
Aug 28, 2024	10.02	14.17	18.06	70.00	87.39	112.80	<NA>
Aug 29, 2024	10.01	15.83	27.03	67.60	85.10	112.00	22.79
Aug 30, 2024	4.01	23.45	55.24	70.80	87.05	112.00	<NA>
Summary		**12.60**			**93.58**		**544.41**

Tank Farm 7 Summary



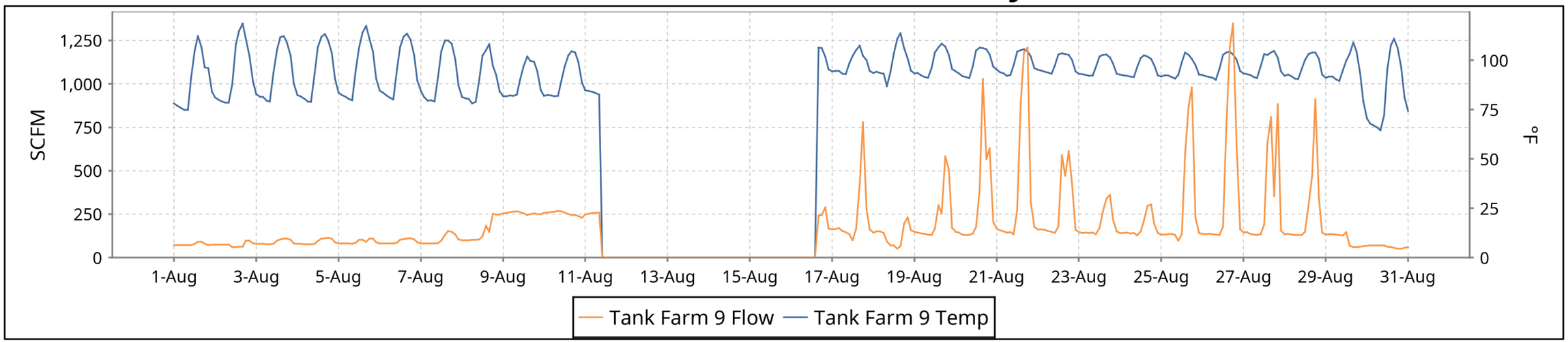
Date	Tank 7 Flow Min (SCFM)	Tank 7 Flow Avg (SCFM)	Tank 7 Flow Max (SCFM)	Tank 7 Temp Min (°F)	Tank 7 Temp Avg (°F)	Tank 7 Temp Max (°F)	Total Tank 7 Flow (kSCF)
Aug 1, 2024	11.03	34.75	258.26	64.80	90.28	136.00	50.04
Aug 2, 2024	4.01	30.56	43.24	70.00	97.33	140.00	44.01
Aug 3, 2024	15.00	33.58	69.25	71.60	99.00	138.40	48.36
Aug 4, 2024	25.07	32.83	41.16	69.20	99.28	139.20	47.27
Aug 5, 2024	15.03	32.59	41.18	71.20	100.23	143.20	46.93
Aug 6, 2024	33.22	37.32	84.20	71.60	79.18	108.80	53.75
Aug 7, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 8, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 9, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 10, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 11, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 12, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 13, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 14, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 15, 2024	34.22	<NA>	34.22	108.80	<NA>	108.80	<NA>
Aug 16, 2024	14.06	16.16	34.22	109.60	131.76	132.80	23.26

Tank Farm 7 Summary



Date	Tank 7 Flow Min (SCFM)	Tank 7 Flow Avg (SCFM)	Tank 7 Flow Max (SCFM)	Tank 7 Temp Min (°F)	Tank 7 Temp Avg (°F)	Tank 7 Temp Max (°F)	Total Tank 7 Flow (kSCF)
Aug 17, 2024	16.11	16.11	16.11	132.00	132.00	132.00	23.20
Aug 18, 2024	<NA>	7.82	24.11	74.00	106.56	132.00	11.26
Aug 19, 2024	<NA>	9.96	22.12	85.60	88.63	90.40	14.34
Aug 20, 2024	19.12	20.21	21.12	78.00	83.67	90.40	29.11
Aug 21, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 22, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 23, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 24, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 25, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 26, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 27, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 28, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 29, 2024	21.12	21.12	21.12	78.00	78.00	78.00	30.42
Aug 30, 2024	<NA>	20.37	1131.91	78.00	86.64	125.60	29.34
Summary		**22.97**			**90.31**		**694.61**

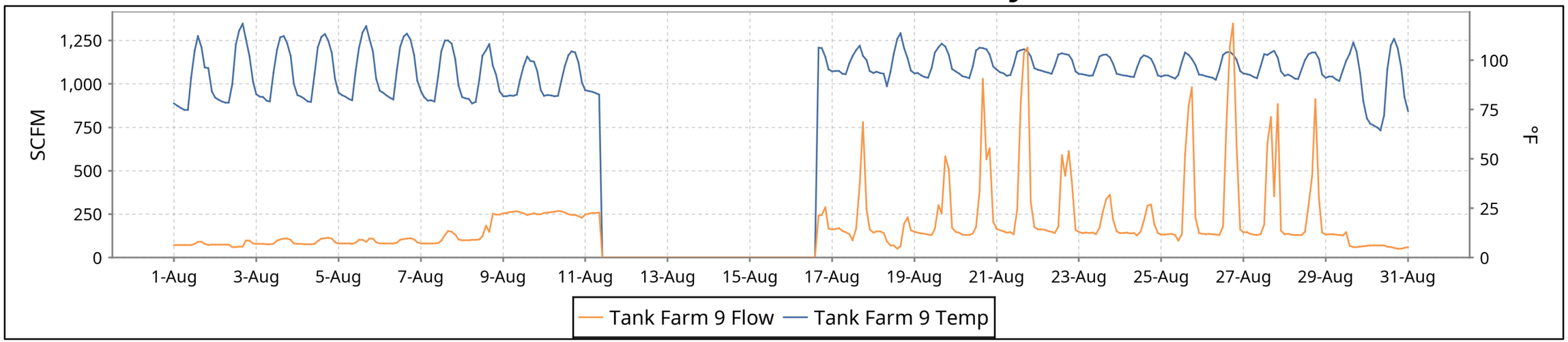
Tank Farm 9 Summary



Date	Tank 9 Flow Min (SCFM)	Tank 9 Flow Avg (SCFM)	Tank 9 Flow Max (SCFM)	Tank 9 Temp Min (°F)	Tank 9 Temp Avg (°F)	Tank 9 Temp Max (°F)	Total Tank 9 Flow (kSCF)
Aug 1, 2024	68.04	76.36	96.21	74.00	89.35	115.20	109.96
Aug 2, 2024	<NA>	74.46	104.31	78.40	94.06	128.80	107.22
Aug 3, 2024	75.14	89.48	111.27	78.00	93.85	112.80	128.85
Aug 4, 2024	75.01	91.25	115.33	78.00	94.31	113.60	131.40
Aug 5, 2024	69.19	90.94	113.41	78.80	95.54	119.20	130.96
Aug 6, 2024	79.04	92.81	114.16	79.60	95.15	114.40	133.64
Aug 7, 2024	79.06	104.53	161.08	78.80	93.05	112.00	150.52
Aug 8, 2024	<NA>	151.02	264.11	78.00	89.94	120.00	217.47
Aug 9, 2024	216.23	255.85	280.53	81.20	89.86	103.20	368.43
Aug 10, 2024	218.26	253.85	271.78	81.20	91.28	104.80	365.54
Aug 11, 2024	243.66	253.06	259.87	82.40	84.07	85.60	364.41
Aug 12, 2024	259.77	<NA>	259.77	82.40	<NA>	82.40	<NA>
Aug 13, 2024	259.77	<NA>	259.77	82.40	<NA>	82.40	<NA>
Aug 14, 2024	259.77	<NA>	259.77	82.40	<NA>	82.40	<NA>
Aug 15, 2024	259.77	<NA>	259.77	82.40	<NA>	82.40	<NA>
Aug 16, 2024	131.48	234.84	546.09	94.80	101.70	107.20	338.17

SCS ENGINEERS

Tank Farm 9 Summary



Date	Tank 9 Flow Min (SCFM)	Tank 9 Flow Avg (SCFM)	Tank 9 Flow Max (SCFM)	Tank 9 Temp Min (°F)	Tank 9 Temp Avg (°F)	Tank 9 Temp Max (°F)	Total Tank 9 Flow (kSCF)
Aug 17, 2024	4.02	236.84	3932.70	92.40	98.30	108.80	341.06
Aug 18, 2024	12.06	126.79	264.11	78.40	98.73	114.40	182.58
Aug 19, 2024	117.04	234.66	1413.09	90.80	98.53	109.60	337.92
Aug 20, 2024	118.05	317.75	5897.71	90.40	98.48	108.00	457.57
Aug 21, 2024	122.45	412.61	4194.28	92.00	98.50	105.60	594.15
Aug 22, 2024	87.24	280.57	1457.16	92.40	97.92	105.60	404.02
Aug 23, 2024	105.31	195.74	532.79	91.20	96.68	103.20	281.86
Aug 24, 2024	83.38	177.91	721.85	90.80	96.05	103.20	256.19
Aug 25, 2024	10.04	309.90	2168.47	89.20	95.69	105.60	446.25
Aug 26, 2024	110.14	423.85	4753.92	89.60	96.78	105.60	610.34
Aug 27, 2024	107.15	322.75	1923.50	90.40	97.35	105.60	464.75
Aug 28, 2024	92.28	259.09	1284.72	90.00	96.53	104.80	373.09
Aug 29, 2024	7.03	104.33	167.90	74.40	94.90	109.60	150.23
Aug 30, 2024	46.15	62.91	73.39	64.00	83.79	112.00	90.59
Summary		**201.31**			**94.63**		**7,537.18**

SCS	Engineers	Tank Farm 9A Summary					
Date	**Tank 9A Flow Min (SCFM)**	**Tank 9A Flow Avg (SCFM)**	**Tank 9A Flow Max (SCFM)**	**Tank 9A Temp Min (°F)**	**Tank 9A Temp Avg (°F)**	**Tank 9A Temp Max (°F)**	**Total Tank 9A Flow (kSCF)**
Aug 1, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 2, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 3, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 4, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 5, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 6, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 7, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 8, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 9, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 10, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 11, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 12, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 13, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 14, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 15, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 16, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 17, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 18, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 19, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 20, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 21, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 22, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 23, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 24, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 25, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 26, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 27, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 28, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 29, 2024	13.05	162.03	194.18	71.6	91.59	104	102.78
Aug 30, 2024	152.71	180.48	215.56	68.8	65.48	105.6	259.2
Aug 31, 2024	2	122.46	199.97	71.6	89.64	133.36	177.66
Summary		**154.99**			**82.24**		**539.64**

SCS	Engineers	Tank Farm 9B Summary					
Date	**Tank 9B Flow Min (SCFM)**	**Tank 9B Flow Avg (SCFM)**	**Tank 9B Flow Max (SCFM)**	**Tank 9B Temp Min (°F)**	**Tank 9B Temp Avg (°F)**	**Tank 9B Temp Max (°F)**	**Total Tank 9B Flow (kSCF)**
Aug 1, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 2, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 3, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 4, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 5, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 6, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 7, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 8, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 9, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 10, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 11, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 12, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 13, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 14, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 15, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 16, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 17, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 18, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 19, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 20, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 21, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 22, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 23, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 24, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 25, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 26, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 27, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 28, 2024	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>	<NA>
Aug 29, 2024	<NA>	144.52	157.95	87.6	93.07	100.8	1.19
Aug 30, 2024	86.32	134.24	236.63	61.6	93.32	114.4	117.83
Aug 31, 2024	12.04	109.8	196	64.8	101.77	119.2	158.24
Summary		**129.52**			**96.05**		**277.26**