

October 16, 2023
File No. 01204123.25, Task 10

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Subject: September 2023 Monthly Report for 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 Landfill (CCL), hereby provides the South Coast Air Quality Management District (SCAQMD) with a monthly report per the Stipulated Order for Abatement (SOFA) (Case No. 6177-4) for the CCL in Castaic, California. The SOFA was approved on September 6, 2023.

This report covers the monthly period for September 2023. Per Condition No. 8, the monthly report for September 2023 shall be due on the third Monday of October, or October 16, 2023.

BACKGROUND

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, CCL operates a landfill gas collection and control system.

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

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.*

¹ CCL operated under an Ex Parte Emergency Variance (approved on February 8, 2023), an Interim Variance request (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 SOFA.



- B. *The landfill gas records and calculations identified in Condition No. 7, in a Microsoft Excel spreadsheet format.*
- C. *The integrated landfill surface sample analysis and landfill surface monitoring readings identified in Conditions 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.*
- 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).*
- 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 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) 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. 20, 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 SCS's implemented improvements to the landfill gas collection system.*
- L. *An inspection log for landfill cover inspections, pursuant to Condition No. 24.*
- M. *Any subsequent additions to the landfill gas collection system, pursuant to Condition No. 15.*
- 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. 17.*
- O. *Updates on the procurement and installation of the geosynthetic cover, pursuant to Condition No. 25.*

MONTHLY REPORT

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 flare under Permit G23473, A/N 491442) at least once each week using colorimetric tests for hydrogen sulfide (H₂S) and at least once each week sample for analysis for total sulfur compounds as H₂S using South Coast AQMD Method 307-91.

- 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 foregoing, 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(a) are presented in **Attachment A**. This report includes analytical data sampled between September 1, 2023 and September 30, 2023. Tedlar bag samples were collected and analyzed by SCAQMD Method 307.91 for hydrogen sulfide and reduced sulfur compounds. The laboratory reports were received on September 7, September 25, and October 5, 2023.

Weekly colorimetric tests (Draeger tube) samples required by Condition 5(b)(ii) and (iii) are identified in **Attachment E**.

A summary of the colorimetric tests and laboratory analyses for landfill gas (LFG) sulfur analyses is provided in the table below, covering the period of September 2023:

Date of Sample	Draeger Tube H ₂ S (ppm)	SCAQMD Method 307.91 (Concentration in ppmv as H ₂ S)		
		H ₂ S	DMS	TRS
9/1/23	19	16.3	161	222.6
9/2/23	5	5.63	160	207
9/3/23	3	3.04	168	210.6
9/4/23	6	4.94	163	202.8
9/5/23	3	3.86	174	246.3
9/6/23	6	6.17	156	213.5
9/7/23	3	3.95	186	256.5
9/8/23	7	7.48	157	211.6
9/9/23	6	6.87	162	226.5
9/10/23	2	3.33	183	234.2
9/11/23	5	6.13	174	230.3
9/20/23	9	7.99	199	261.3

	Draeger Tube	SCAQMD Method 307.91 (Concentration in ppmv as H ₂ S)		
Date of Sample	H ₂ S (ppm)	H ₂ S	DMS	TRS
9/27/23	12	15.3	174	269.7

*Above summarized Lab analysis are included in **Attachment A** and **Attachment E**.

Section B – LFG Records and Calculations

The LFG records and calculations identified in Condition No. 7, in a Microsoft Excel spreadsheet format.

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 G23473, A/N 491442; flare No. 3 under A/N 624296), the thermal oxidizer (under Envent Corporation A/N 645484), and any other equipment used to combust or control landfill gas at the facility, and the total amount of landfill gas combusted at the facility;*
- 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 calculations are available in **Attachment B**.

In accordance with Condition 7(a), the flow rates for each flare as standard cubic feet per minute (scfm), scf per hour, and scf per day are provided in the calculation tables and the hourly and daily flow of LFG combusted for the thermal oxidizer are available in **Attachment B**.

In accordance with Condition 7(b), the daily flow of LFG not flared is available in **Attachment B**. Ameresco applied for a variance to operate the LFG turbine plant under a variance order, and its variance was approved on February 15th. Ameresco restarted operations on February 16th, returning the LFG collection and control system at CCL to full capacity. Therefore, the daily flow of LFG not flared per Section B ended on February 17th, except for periods when the Ameresco Plant and/or the Flares are offline or processing less LFG for other reasons.

Section C – Surface Emissions Monitoring

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

Condition No. 9: Respondent shall collect integrated landfill surface samples for analysis across the Reaction Area (as defined in Condition 9(a)) at least every two weeks as specified in Rule 1150.1 Attachment A 2.0. In the event Respondent is unable to sample specific landfill surface area(s) or grid(s) due to inaccessibility or dangerous conditions for a technician, Respondent shall document the date and the conditions that do not allow the sampling of the specific area(s) or grid(s).

- 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, and the presence of hydrogen in the landfill gas. The DMS 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 DMS Committee; and 3) any supporting data relied upon in the decision to revise the Reaction Area.*
- b. *The DMS 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.*

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

The integrated landfill surface sampling was completed on September 5, 6 and 19, 2023 resulting in exceedances on September 5 and 19, 2023. The 10-day Corrective Action and follow-up monitoring was completed for these exceedances on September 15 and September 29, 2023, respectively, and showed compliant readings except for five (5) readings on September 29, 2023. A second 10-day corrective action and follow-up monitoring was completed for these exceedances on October 6, 2023, and showed compliant readings for two (2) out of the five (5) readings. Three (3) grids have

exceedances past the two 10-day remonitoring events and therefore are in the 45-day timeframe for corrective action due by November 20, 2023.

The instantaneous landfill surface monitoring was conducted on September 13, 27 and 28, 2023, resulting in exceedances on September 13 and 27, 2023. The 10-day Corrective Action and follow-up monitoring was completed on September 22, and October 6, 2023 and showed compliant readings except for fourteen (14) readings on October 6, 2023. A second 10-day corrective action and follow-up monitoring is pending and will be reported in the next monthly report. The 1-month re-monitoring was conducted on October 11, 2023 for the initial readings on September 13, 2023. Two readings showed exceedances, and therefore, a second set of 10-day readings will be performed.

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.

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.

The Landfill Gas Treatment System (LFGTS) currently consists of four carbon adsorber vessels. Only 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 is 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.

H₂S vessels will be changed out at a lower concentration. At the start of the reporting period (September 1, 2023), all four vessels (ST-1, ST-2, ST-3 and ST-4) were online processing the landfill gas. Vessel ST-1 was only partially opened initially on August 26, 2023 to control the rise in temperature of the outlet gas and was fully opened on September 1, 2023. Vessel ST-2 was completely closed on September 1, 2023 in preparation of media replacement on September 6, 2023. On September 6, 2023, the spent media was removed from Vessel ST-2 and fresh BG1 media was installed September 7, 2023. Vessel ST-2 was only partially opened initially on September 28, 2023 to control the rise in temperature of the outlet gas. All four vessels were online at the end of the reporting period (September 30, 2023). The next media replacement service has been scheduled for October 30 and 31, 2023.

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).

Due to the increase in temperature of the landfill gas when exposed to fresh media, the new vessels have been slowly brought online to avoid damaging the fiber reinforced plastic (FRP) vessels. This delayed the media replacement scheduled for the last week of August to the first full week of September. To allow more time to bring vessels online with fresh media, the new media vessel is slowly exposed to the landfill gas with the flow increased in small increments over a two week period. Once the new media vessel is fully open, then the vessel planned for the next media replacement service is closed. This process is now started earlier to avoid any delay in completing the media replacement.

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 20 ppm) or Model CH29801 (5 to 60 ppm). The specifications of the equipment and materials used for the colorimetric test was 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 previous report submitted under the emergency variance.

Section G – Wellhead Temperature Readings

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

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

Section H – Graphic Map

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

A graphic map with the above information is included in **Attachment F**. Increased volume of gas is being extracted from elevated temperature wells located in the Reaction Area to help remove accumulated heat in the waste mass. Additionally, de-watering pumps have been installed in elevated temperature wells as needed to increase the available perforations in high heat wells to further increase gas extraction. The de-watering pumps also assist in removing heat by eliminating elevated temperature liquids from the waste.

Section I – Status of Vertical Liquid Impacted Landfill Gas Wells

All vertical liquid impacted landfill gas wells, per Condition No. 20, 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, 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 at 20 percent of the landfill gas collection wells with the worst liquid impaction issues in the Reaction Area as determined by the DMS Committee within 60 days of the issuance of this Order, 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 the installation of a dewatering sump/pump at a single landfill gas collection well 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 including to ensure installation across 20% of total landfill gas collection wells within the Reaction Area.*

Please note, SOFA Condition 8(i) references Condition No. 20, which is regarding the permit application for a new flare. Therefore, we believe this is the wrong reference and did not include it. Likely the correct reference is Condition No. 17, which requires CCL to expeditiously dewater wells being impacted by liquids. Condition No. 17 requires the DMS Committee to determine the landfill gas collection wells with the worst liquid impaction issues in the Reaction Area by November 5, 2023. Given that the DMS Committee has yet to make this determination by the end of September, identification of the worst liquid impaction issues is ongoing, and will be covered in the next monthly report

Well inspections/sounding to determine liquid impacts to vertical extraction wells is ongoing. Thirty (30) vertical wells were inspected in the month of September.

Remedial measures include the addition of liquids removal pumps. For the month of September, twenty-one (21) additional vertical wells had new pumps installed, increasing the total number of pumping vertical wells to thirty-one (31) wells. Associated materials for construction have also been ordered, including but not limited to, force-main and compressed air piping, isolation valves and air release valves, and tank infrastructure. The installation of pumps is ongoing as new vertical wells are being installed that are also becoming impacted by liquids.

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.

SCS investigated the availability and viability of alternative sulfur compound treatment systems that control, treat or remove dimethyl sulfide and other sulfur compounds. A preliminary list of alternative treatment systems is included below:

- Oxidation by Hypochlorite
- Oxidation by Peroxide
- Oxidation by Potassium Permanganate
- Bentonite or Zeolite Media Impregnated with Metal
- Reaction with Iron
- Reaction with Copper
- Biotreatment with Sulfur-Reducing Bacteria (SRBs)

A preliminary assessment of these treatment technologies was included in Attachment D of the February 27, 2023 status update report, submitted in compliance with the interim variance. These technologies will be further investigated and updates will be included in subsequent reports.

In addition to the preliminary list of alternative treatment systems, SCS is investigating the use of a hydrogen re-former catalyst to convert all sulfur compounds to H₂S and oxidation by Sodium Hydroxide. A reaction with nickel alternative treatment has been investigated, but is not a preferred alternative as heat is required. Bench testing of stronger oxidation scrubbing solutions is ongoing to convert DMS to Dimethylsulfoxide (DMSO).

Testing of Oxidation by Hypochlorite is scheduled for October using the liquid scrubbers with the temporary thermal oxidizer (TOX) located in the northwest area of the site.

A separate application for the modification of the LFG treatment system and Title V Revision was submitted to the SCAQMD on February 27, 2023. SCAQMD requested additional information, which was submitted to SCAQMD on April 21, 2023.

On March 30, 2023, SCS submitted to SCAQMD an application for operation of slip stream pilot tests to evaluate these alternative treatment systems. SCAQMD requested additional information, which was to be provided to SCAQMD by June 30, 2023.

The additional information was submitted on August 14, 2023, however, on August 8, 2023, SCAQMD rejected the LFG Treatment System modification applications (A/N 643714 and 643715). Therefore, additional research is being conducted per SCAQMD and applications will be submitted if needed.

Section K – SCS's Implemented Improvements

A summary report on SCS's implemented improvements to the landfill gas collection system.

In September, SCS installed nineteen (19) new vertical LFG extraction wells which were connected to either the existing Gas Collection and Control System (GCCS), or the TOX. In addition, twenty-one (21) new de-watering pumps were installed in new and/or existing wells to remove water in wells impacted by liquids, to increase LFG recovery. The TOX was installed to improve LFG vacuum distribution to the west side of the well field and increase overall LFG recovery. Construction of the new flare FL-120 is underway as part of increasing control capacity.

Section L – Cover Inspections to the LFG Collection System

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

Condition No. 24: Respondent shall visually inspect the landfill cover 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 soil, wetting, and retracking the damaged area. Respondent shall maintain a log demonstrating that it has addressed any damages to the landfill 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 cover inspections and repairs were performed throughout the month of September. A log of the inspections and repairs was started on September 7, 2023 once the SOFA was in place. Results of the daily inspection and the repair log are provided in the photos in **Attachment G**. Chiquita has a full-time operator that is responsible for repairing cover in the Reaction Area. These photos show areas where cracks in the cover were noted on the days that they were first observed. The 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.

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 the month of September, nineteen (19) additional vertical LFG extraction wells have been installed and are operational as of September 30, 2023. Expansion of the well field, including but not limited to, additional vertical LFG extraction wells, header and lateral piping and associated valves, is on-going. South Coast AQMD will be notified by October 31, 2023 of an updated list of new wells installed and subsequent additions will be documented in these monthly reports.

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. 17.

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 this 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:

- a. Proposed methodologies and monitoring procedures that determine the level of dewatering within the Reaction Area (as defined in Condition 9(a)) wells impacted by liquid. Methods may include the measurement of the gas flow at each landfill gas collection well impacted by liquids;*
- b. Use of dewatering pumps or other methods to remove liquids from Reaction Area (as defined in Condition 9(a)) wells impacted by liquids;*
- c. An implementation plan for the use of dewatering pumps or other methods to remove liquids from the Reaction Area wells impacted by liquids. The plan shall include a list of wells in the Reaction Area and depth where liquids are expected to impact landfill gas collection efficacy or be a concern, the proposed action to remove the liquids, and the schedule for liquid removal. The implementation plan shall also include pro-active measures, such as additional dewatering pumps, to be installed at landfill gas collection wells where liquid impaction issues have not yet occurred, but may be expected to occur.*
- d. Upgrades to the site leachate collection system as needed, including through the addition of increased air compressor and/or drain line infrastructure;*
- e. Protocols for the pumping and monitoring of dewatering pumps and other such methods to remove water from Reaction Area (as defined in Condition 9(a)) wells impacted by liquids;*
- f. Well field liquid sounding in the Reaction Area (as defined in Condition 9(a)), and a proposed schedule for conducting liquid sounding on a consistent basis;*
- g. A timeline for appropriate reporting on impacted wells;*
- h. The feasibility of integrity testing of all vertical gas wells in the Reaction Area (as defined in Condition 9(a)) and a timeline and protocol for addressing any wells that the integrity testing demonstrates are damaged or are exhibiting temperatures of at least 170 degrees Fahrenheit; and*
- i. A timeline for implementation of appropriate dewatering procedures upon discovery of wells impacted by liquids.*

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

Please note, SOFA Condition 8(n) references Condition No. 17, however, we believe the correct reference is Condition No. 18, which requires CCL to provide proposed Reaction Area dewatering guidelines and implementation procedures to SCAQMD by December 5, 2023.

The evaluation of vertical wells for the installation of dewatering pumps is ongoing. Prior to September 2023, there were ten (10) active wells with dewatering pumps. In the month of September, twenty-one (21) additional de-watering pumps were installed in new wells bringing the total to thirty-one (31) dewatering pump installations.

Section 0 – Updates of the Geosynthetic Cover

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

Condition No. 25: 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.

The completed design for the geosynthetic cover was submitted to SCAQMD on September 12, 2023 as required by Condition 25. South Coast AQMD will be notified by October 31, 2023 on the progress of procuring and installing the geosynthetic cover, and future monthly reports will include updates on its procurement and installation.

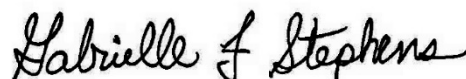
CLOSING

If you have any questions or need any additional information, please contact Cornelius Fong of SCS Field Services at (562) 743-7895 or either of the undersigned at (800) 326-9544.

Sincerely,



James J. Kim
Senior Project Professional
SCS Engineers



Gabrielle F. Stephens
Project Director
SCS Engineers

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JJK/GFS/PSS

Enclosures

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

Attachment A

Lab Analyses from the Reporting Period



LABORATORY ANALYSIS REPORT

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

Report Date: September 6, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 1, 2023
Date Received: September 1, 2023
Date Analyzed: September 1, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22443-10
Sample I.D.: FL-150

Components	(Concentration in ppmv)
------------	-------------------------

Hydrogen sulfide	16.3
Carbonyl sulfide	1.02
Methyl mercaptan	11.9
Ethyl mercaptan	<0.50
Dimethyl sulfide	161
Carbon disulfide	<0.50
i-Propyl mercaptan	0.67
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.14
s-Butyl mercaptan	2.36
i-Butyl mercaptan	<0.50
Dimethyl disulfide	7.40
Tetrahydrothiophene	1.15
Unidentified sulfurs	11.8

(Concentration in ppmv, as H₂S)

Total Sulfur	222.6
--------------	-------

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

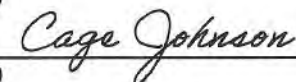
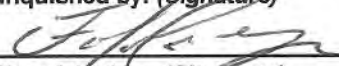
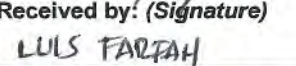
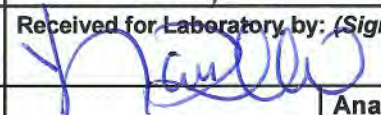
Project Location: Chiquita Canyon Landfill
Date Sampled: September 1, 2023
Date Received: September 1, 2023
Date Analyzed: September 1, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	15.9	16.7	16.3	4.9
Carbonyl sulfide	FL-150	1.00	1.04	1.02	3.9
Methyl mercaptan	FL-150	11.6	12.2	11.9	5.0
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	159	162	161	1.9
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	0.65	0.68	0.67	4.5
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.08	2.19	2.14	5.2
s-Butyl mercaptan	FL-150	2.30	2.41	2.36	4.7
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	7.54	7.26	7.40	3.8
Tetrahydrothiophene	FL-150	1.15	1.14	1.15	0.87
Unidentified sulfurs	FL-150	11.6	12.0	11.8	4.1

One Tedlar bag sample, laboratory number 22443-10, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 3.9%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED									
Project No. 07214017.91 Task 2		Field Logbook No.			TRS (307.91)									
Sampler: (Signature) 		Chain of Custody Tape No.												
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time								Special Remarks		
FL-150	Landfill Gas	22443-9	8/31/23	14:12am	X									Filtered 15ppm
FL-150	Landfill Gas	-10	9/1/23	8:15am	X									Filtered 19ppm
Relinquished by: (Signature) 		Date	Time		Received by: (Signature) 				Date	Time				
		8/31/23	15:26pm						9/1/23	8:32				
Relinquished by: (Signature) 		Date	Time		Received by: (Signature) 				Date	Time				
		9/1/23	10:26am		LUI FARIAN				9-1-23	10:27				
Relinquished by: (Signature) 		Date	Time		Received for Laboratory by: (Signature) 				Date	Time				
		9-1-23	11:15						9/1/23	11:15				
Company Info:		Send Report to:			Analytical Laboratory									
Company: SCS Engineers		Company: SCS Engineers			AtmAA Inc.									
Street Address: 3900 Kilroy Airport Way Suite 100		Street Address: 3900 Kilroy Airport Way Suite 100			23917 Craftsman Rd.									
City/State/Zip: Long Beach / CA / 90806		City/State/Zip: Long Beach / CA / 90806			Calabasas, CA 91302									
Telephone No.: 562-743-7895 / 562-335-0002		Project Manager: Cornelius Fong			TEL: (818) 223-3277									
Fax No.:		Email Address: CFong@scsengineers.com			FAX: (818) 223-8250									



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LABORATORY ANALYSIS REPORT

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

Report Date: September 22, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 2, 2023
Date Received: September 2, 2023
Date Analyzed: September 2, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22453-3
Sample I.D.: FL-150

Components (Concentration in ppmv)

Hydrogen sulfide	5.63
Carbonyl sulfide	0.91
Methyl mercaptan	6.15
Ethyl mercaptan	<0.50
Dimethyl sulfide	160
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.31
s-Butyl mercaptan	2.41
i-Butyl mercaptan	<0.50
Dimethyl disulfide	9.59
Tetrahydrothiophene	1.01
Unidentified sulfurs	9.37

(Concentration in ppmv, as H₂S)

Total Sulfur 207.0


Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

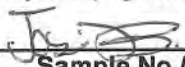
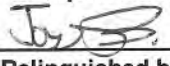
Project Location: Chiquita Canyon Landfill
Date Sampled: September 2, 2023
Date Received: September 2, 2023
Date Analyzed: September 2, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	5.81	5.45	5.63	6.4
Carbonyl sulfide	FL-150	0.90	0.92	0.91	2.2
Methyl mercaptan	FL-150	6.24	6.05	6.15	3.1
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	160	160	160	0.00
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.29	2.32	2.31	1.3
s-Butyl mercaptan	FL-150	2.38	2.43	2.41	2.1
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	9.53	9.66	9.59	1.4
Tetrahydrothiophene	FL-150	0.99	1.03	1.01	4.0
Unidentified sulfurs	FL-150	9.42	9.33	9.37	0.93

One Tedlar bag sample, laboratory number 22453-3, 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 2.4%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED								
Project No. 07214017.91 Task 2		Field Logbook No.			TRS (207.91) Method ASTM D1945 Method ASTM D3588								
Sampler: (Signature) 		Chain of Custody Tape No.											
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time									
FL-150 INLET	Land Fill WOS	22453-3	9/2/2023	8:00AM	X								Special Remarks Filtered / H2S 5 ppm
FLT-321	Land Fill WOS	-4	9/2/2023	9:00 AM		X	X						
FLT-206	Land Fill WOS	-5	9/2/2023	9:06 AM		X	X						
Relinquished by: (Signature)  Fabian Chavez		Date 9/2/23	Time 9:20AM	Received by: (Signature) LUIS FARRAN		Date 9/2/23	Time 4:24						
Relinquished by: (Signature) LUIS FARRAN		Date 9/2/23	Time 10:24	Received by: (Signature)		Date	Time						
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature) 		Date 9/2/23	Time 10:24						
Company Info:		Send Report to:		Analytical Laboratory									
Company: SCS Engineers		Company: SCS Engineers		AtmAA Inc.									
Street Address: 3900 Kilroy Airport Way Suite 100		Street Address: 3900 Kilroy Airport Way Suite 100		23917 Craftsman Rd.									
City/State/Zip: Long Beach / CA / 90806		City/State/Zip: Long Beach / CA / 90806		Calabasas, CA 91302									
Telephone No.: 562-743-7895 / 562-335-0002		Project Manager: Cornelius Fong		TEL: (818) 223-3277									
Fax No.:		Email Address: CFong@scsengineers.com		FAX: (818) 223-8250									



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LABORATORY ANALYSIS REPORT

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

Report Date: September 21, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 3, 2023
Date Received: September 4, 2023
Date Analyzed: September 4, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22473-1
Sample I.D.: FL-150

Components	(Concentration in ppmv)
Hydrogen sulfide	3.04
Carbonyl sulfide	0.83
Methyl mercaptan	3.95
Ethyl mercaptan	<0.50
Dimethyl sulfide	168
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.03
s-Butyl mercaptan	1.99
i-Butyl mercaptan	<0.50
Dimethyl disulfide	9.03
Tetrahydrothiophene	1.30
Unidentified sulfurs	11.9

(Concentration in ppmv, as H₂S)

Total Sulfur 210.6

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 3, 2023
Date Received: September 4, 2023
Date Analyzed: September 4, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	3.06	3.01	3.04	1.6
Carbonyl sulfide	FL-150	0.85	0.81	0.83	4.8
Methyl mercaptan	FL-150	4.07	3.83	3.95	6.1
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	175	160	168	9.0
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.10	1.96	2.03	6.9
s-Butyl mercaptan	FL-150	2.05	1.93	1.99	6.0
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	9.50	8.55	9.03	11
Tetrahydrothiophene	FL-150	1.33	1.26	1.30	5.4
Unidentified sulfurs	FL-150	12.4	11.4	11.9	7.7

One Tedlar bag sample, laboratory number 22473-1, 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 6.4%.





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LABORATORY ANALYSIS REPORT

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

Report Date: September 21, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 4, 2023
Date Received: September 4, 2023
Date Analyzed: September 4, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22473-2
Sample I.D.: FL-150

Components	(Concentration in ppmv)
Hydrogen sulfide	4.94
Carbonyl sulfide	0.85
Methyl mercaptan	5.52
Ethyl mercaptan	<0.50
Dimethyl sulfide	163
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	1.92
s-Butyl mercaptan	1.90
i-Butyl mercaptan	<0.50
Dimethyl disulfide	7.38
Tetrahydrothiophene	1.15
Unidentified sulfurs	9.23

(Concentration in ppmv, as H₂S)

Total Sulfur 202.8


Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 4, 2023
Date Received: September 4, 2023
Date Analyzed: September 4, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	4.81	5.07	4.94	5.3
Carbonyl sulfide	FL-150	0.87	0.82	0.85	5.9
Methyl mercaptan	FL-150	5.44	5.60	5.52	2.9
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	162	163	163	0.62
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	1.92	1.91	1.92	0.52
s-Butyl mercaptan	FL-150	1.97	1.83	1.90	7.4
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	7.38	7.38	7.38	0.00
Tetrahydrothiophene	FL-150	1.29	1.01	1.15	24
Unidentified sulfurs	FL-150	9.17	9.29	9.23	1.3

One Tedlar bag sample, laboratory number 22473-2, 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 5.4%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED									
Project No. 07214017.91 Task 2		Field Logbook No.			TRS (307.91)									
Sampler: (Signature) <i>Eric Castro</i>		Chain of Custody Tape No.												
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time										
FL-150	Landfill Gas	<i>22473-1</i>	9/3/23	4:46pm	X									Filtered/ H2S 3ppm
FL-150	Landfill Gas	<i>-2</i>	9/4/23	7:55am	X									Filtered/ H2S 6ppm
Relinquished by: (Signature) <i>Eric Castro</i>		Date 9/4/23	Time 10:00am	Received by: (Signature) <i>[Signature]</i>		Date 9/4/23		Time 10						
Relinquished by: (Signature) <i>[Signature]</i>		Date 9/4/23	Time 10:24	Received by: (Signature)		Date		Time						
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature) <i>[Signature]</i>		Date 9-4-23		Time 10:26						
Company Info:		Send Report to:		Analytical Laboratory										
Company: SCS Engineers		Company: SCS Engineers		AtmAA Inc.										
Street Address: 3900 Kilroy Airport Way Suite 100		Street Address: 3900 Kilroy Airport Way Suite 100		23917 Craftsman Rd.										
City/State/Zip: Long Beach / CA / 90806		City/State/Zip: Long Beach / CA / 90806		Calabasas, CA 91302										
Telephone No.: 562-743-7895 / 562-335-0002		Project Manager: Cornelius Fong		TEL: (818) 223-3277										
Fax No.:		Email Address: CFong@scsengineers.com		FAX: (818) 223-8250										



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LABORATORY ANALYSIS REPORT

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

Report Date: September 21, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 5, 2023
Date Received: September 6, 2023
Date Analyzed: September 6, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22493-11
Sample I.D.: FL-150

Components	(Concentration in ppmv)
Hydrogen sulfide	3.86
Carbonyl sulfide	0.99
Methyl mercaptan	5.23
Ethyl mercaptan	<0.50
Dimethyl sulfide	174
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.82
s-Butyl mercaptan	2.62
i-Butyl mercaptan	<0.50
Dimethyl disulfide	13.9
Tetrahydrothiophene	1.71
Unidentified sulfurs	27.9

(Concentration in ppmv, as H₂S)

Total Sulfur 246.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 5, 2023
Date Received: September 6, 2023
Date Analyzed: September 6, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	3.82	3.89	3.86	1.8
Carbonyl sulfide	FL-150	0.98	1.00	0.99	2.0
Methyl mercaptan	FL-150	5.27	5.18	5.23	1.7
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	174	173	174	0.58
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.89	2.75	2.82	5.0
s-Butyl mercaptan	FL-150	2.69	2.54	2.62	5.7
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	14.0	13.7	13.9	2.2
Tetrahydrothiophene	FL-150	1.81	1.61	1.71	12
Unidentified sulfurs	FL-150	28.7	27.1	27.9	5.9

One Tedlar bag sample, laboratory number 22493-11, 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 4.1%.





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LABORATORY ANALYSIS REPORT

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

Report Date: September 21, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 6, 2023
Date Received: September 6, 2023
Date Analyzed: September 6, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22493-12
Sample I.D.: FL-150

Components (Concentration in ppmv)

Hydrogen sulfide	6.17
Carbonyl sulfide	0.94
Methyl mercaptan	7.53
Ethyl mercaptan	<0.50
Dimethyl sulfide	156
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.52
s-Butyl mercaptan	2.39
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.9
Tetrahydrothiophene	1.45
Unidentified sulfurs	14.7

(Concentration in ppmv, as H₂S)

Total Sulfur 213.5

Brian W. Eurg
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

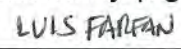
Project Location: Chiquita Canyon Landfill
Date Sampled: September 6, 2023
Date Received: September 6, 2023
Date Analyzed: September 6, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	6.10	6.24	6.17	2.3
Carbonyl sulfide	FL-150	0.93	0.94	0.94	1.1
Methyl mercaptan	FL-150	7.54	7.52	7.53	0.27
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	156	156	156	0.00
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.57	2.46	2.52	4.4
s-Butyl mercaptan	FL-150	2.47	2.30	2.39	7.1
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	11.0	10.8	10.9	1.8
Tetrahydrothiophene	FL-150	1.60	1.30	1.45	21
Unidentified sulfurs	FL-150	15.0	14.4	14.7	4.4

One Tedlar bag sample, laboratory number 22493-12, 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 4.7%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED TRs						
Project No. 07214017.91 Task 2		Field Logbook No.									
Sampler: (Signature) 		Chain of Custody Tape No.									
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRs						Special Remarks
FL-150 INLET		22493-11	9-5-23	3:07 pm	X						Filtered 3PPm
FL-150 Inlet		-12	9-6-23	7:35 am	X						Filtered 6ppm
Relinquished by: (Signature) 		Date 9-6-23	Time 10:37 am	Received by: (Signature) 		Date 9/6/23		Time 10:37			
Relinquished by: (Signature) 		Date 9/6/23	Time 11:23	Received by: (Signature)		Date		Time			
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature) 		Date 9/6/23		Time 11:23			
Company Info:		Send Report to:		Analytical Laboratory							
Company: SCS Engineers		Company: SCS Engineers		AtmAA Inc.							
Street Address: 3900 Kilroy Airport Way Suite 100		Street Address: 3900 Kilroy Airport Way Suite 100		23917 Craftsman Rd.							
City/State/Zip: Long Beach / CA / 90806		City/State/Zip: Long Beach / CA / 90806		Calabasas, CA 91302							
Telephone No.: 562-743-7895 / 562-335-0002		Project Manager: Cornelius Fong		TEL: (818) 223-3277							
Fax No.:		Email Address: CFong@scsengineers.com		FAX: (818) 223-8250							



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LABORATORY ANALYSIS REPORT

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

Report Date: September 22, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 7, 2023
Date Received: September 8, 2023
Date Analyzed: September 8, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22513-9
Sample I.D.: FL-150

Components (Concentration in ppmv)

Hydrogen sulfide	3.95
Carbonyl sulfide	1.01
Methyl mercaptan	5.86
Ethyl mercaptan	<0.50
Dimethyl sulfide	186
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.90
s-Butyl mercaptan	2.49
i-Butyl mercaptan	<0.50
Dimethyl disulfide	12.2
Tetrahydrothiophene	1.81
Unidentified sulfurs	28.6

(Concentration in ppmv, as H₂S)

Total Sulfur 256.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 7, 2023
Date Received: September 8, 2023
Date Analyzed: September 8, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	4.07	3.82	3.95	6.3
Carbonyl sulfide	FL-150	1.03	0.98	1.01	5.0
Methyl mercaptan	FL-150	6.03	5.68	5.86	6.0
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	182	189	186	3.8
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.86	2.94	2.90	2.8
s-Butyl mercaptan	FL-150	2.48	2.50	2.49	0.80
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	11.9	12.5	12.2	4.9
Tetrahydrothiophene	FL-150	1.88	1.74	1.81	7.7
Unidentified sulfurs	FL-150	28.0	29.2	28.6	4.2

One Tedlar bag sample, laboratory number 22513-9, 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 4.6%.





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LABORATORY ANALYSIS REPORT

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

Report Date: September 22, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 8, 2023
Date Received: September 8, 2023
Date Analyzed: September 8, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22513-10
Sample I.D.: FL-150

Components (Concentration in ppmv)

Hydrogen sulfide	7.48
Carbonyl sulfide	0.94
Methyl mercaptan	8.23
Ethyl mercaptan	<0.50
Dimethyl sulfide	157
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.40
s-Butyl mercaptan	2.21
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.88
Tetrahydrothiophene	1.33
Unidentified sulfurs	14.3

(Concentration in ppmv, as H₂S)

Total Sulfur 211.6

Brian W. Eung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 8, 2023
Date Received: September 8, 2023
Date Analyzed: September 8, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
(Concentration in ppmv)					
Hydrogen sulfide	FL-150	7.37	7.58	7.48	2.8
Carbonyl sulfide	FL-150	0.93	0.94	0.94	1.1
Methyl mercaptan	FL-150	8.30	8.16	8.23	1.7
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	159	155	157	2.5
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.50	2.29	2.40	8.8
s-Butyl mercaptan	FL-150	2.30	2.12	2.21	8.1
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	9.10	8.65	8.88	5.1
Tetrahydrothiophene	FL-150	1.38	1.27	1.33	8.3
Unidentified sulfurs	FL-150	14.8	13.8	14.3	7.4

One Tedlar bag sample, laboratory number 22513-10, 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 5.1%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED TRS						
Project No. 07214017.91 Task 2		Field Logbook No.									
Sampler: (Signature) 		Chain of Custody Tape No.									
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time							Special Remarks
FL-150 INLET	LFG	22513-9	9-7-23	4:00pm	X						Filtered 3ppm
FL-150 inlet	LFG	-10	9-8-23	7:20am	X						Filtered 7ppm
Relinquished by: (Signature) 			Date 9-8-23	Time 10:47am	Received by: (Signature) 			Date 9/8/23	Time 10:46		
Relinquished by: (Signature) LUIS FARFAN			Date 9/8/23	Time 10:35	Received by: (Signature)			Date	Time		
Relinquished by: (Signature)			Date	Time	Received for Laboratory by: (Signature) 			Date 9/8/23	Time 11:37		
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						





LABORATORY ANALYSIS REPORT

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

Report Date: September 25, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 9, 2023
Date Received: September 9, 2023
Date Analyzed: September 9, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22523-1
Sample I.D.: FL-150

Components	(Concentration in ppmv)
------------	-------------------------

Hydrogen sulfide	6.87
Carbonyl sulfide	0.94
Methyl mercaptan	8.21
Ethyl mercaptan	<0.50
Dimethyl sulfide	162
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.48
s-Butyl mercaptan	2.36
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.7
Tetrahydrothiophene	1.43
Unidentified sulfurs	18.9

(Concentration in ppmv, as H₂S)

Total Sulfur 226.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 9, 2023
Date Received: September 9, 2023
Date Analyzed: September 9, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	6.91	6.82	6.87	1.3
Carbonyl sulfide	FL-150	0.93	0.94	0.94	1.1
Methyl mercaptan	FL-150	8.28	8.13	8.21	1.8
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	162	162	162	0.00
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.52	2.43	2.48	3.6
s-Butyl mercaptan	FL-150	2.39	2.33	2.36	2.5
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	11.7	11.6	11.7	0.86
Tetrahydrothiophene	FL-150	1.45	1.41	1.43	2.8
Unidentified sulfurs	FL-150	18.8	19.0	18.9	0.70

One Tedlar bag sample, laboratory number 22523-1, 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 1.6%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED									
Project No. 07214017.91 Task 2		Field Logbook No.			TRS (307.91)									
Sampler: (Signature) <i>Eric Castro</i>		Chain of Custody Tape No.												
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time								Special Remarks		
FL-150	Landfill Gas	20523-1	9/9/23	8:29AM	X									Filtered/ H2S 6 ppm
					X									
Relinquished by: (Signature) <i>Eric Castro</i>		Date 9/9/23	Time 9:15AM	Received by: (Signature) <i>LUIS FARFAN</i>				Date 9/9/23	Time 9:15					
Relinquished by: (Signature) <i>LUIS FARFAN</i>		Date 9/9/23	Time 10:07	Received by: (Signature)				Date	Time					
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature) <i>BT</i>				Date 9/9/23	Time 10:07					
Company Info:		Send Report to:			Analytical Laboratory									
Company: SCS Engineers		Company: SCS Engineers			AtmAA Inc.									
Street Address: 3900 Kilroy Airport Way Suite 100		Street Address: 3900 Kilroy Airport Way Suite 100			23917 Craftsman Rd.									
City/State/Zip: Long Beach / CA / 90806		City/State/Zip: Long Beach / CA / 90806			Calabasas, CA 91302									
Telephone No.: 562-743-7895 / 562-335-0002		Project Manager: Cornelius Fong			TEL: (818) 223-3277									
Fax No.:		Email Address: CFong@scsengineers.com			FAX: (818) 223-8250									



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LABORATORY ANALYSIS REPORT

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

Report Date: September 25, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 10, 2023
Date Received: September 11, 2023
Date Analyzed: September 11, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22543-1
Sample I.D.: FL-150

Components	(Concentration in ppmv)
------------	-------------------------

Hydrogen sulfide	3.33
Carbonyl sulfide	0.90
Methyl mercaptan	6.07
Ethyl mercaptan	<0.50
Dimethyl sulfide	183
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.54
s-Butyl mercaptan	2.20
i-Butyl mercaptan	<0.50
Dimethyl disulfide	7.85
Tetrahydrothiophene	1.39
Unidentified sulfurs	19.6

(Concentration in ppmv, as H₂S)

Total Sulfur 234.2

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 10, 2023
Date Received: September 11, 2023
Date Analyzed: September 11, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	3.24	3.41	3.33	5.1
Carbonyl sulfide	FL-150	0.86	0.94	0.90	8.9
Methyl mercaptan	FL-150	5.91	6.22	6.07	5.1
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	180	185	183	2.7
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.51	2.57	2.54	2.4
s-Butyl mercaptan	FL-150	2.19	2.20	2.20	0.46
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	7.65	8.05	7.85	5.1
Tetrahydrothiophene	FL-150	1.37	1.40	1.39	2.2
Unidentified sulfurs	FL-150	18.6	20.6	19.6	10

One Tedlar bag sample, laboratory number 22543-1, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 9 repeat measurements from one Tedlar bag sample is 4.7%.





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LABORATORY ANALYSIS REPORT

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

Report Date: September 25, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 11, 2023
Date Received: September 11, 2023
Date Analyzed: September 11, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22543-2
Sample I.D.: FL-150

Components (Concentration in ppmv)

Hydrogen sulfide	6.13
Carbonyl sulfide	0.86
Methyl mercaptan	8.98
Ethyl mercaptan	<0.50
Dimethyl sulfide	174
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.47
s-Butyl mercaptan	2.41
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.13
Tetrahydrothiophene	1.54
Unidentified sulfurs	17.7

(Concentration in ppmv, as H₂S)

Total Sulfur 230.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

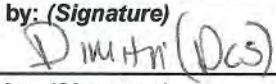
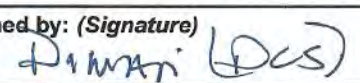
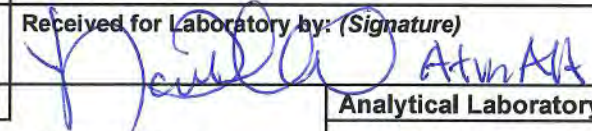
Project Location: Chiquita Canyon Landfill
Date Sampled: September 11, 2023
Date Received: September 11, 2023
Date Analyzed: September 11, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	5.93	6.32	6.13	6.4
Carbonyl sulfide	FL-150	0.84	0.88	0.86	4.7
Methyl mercaptan	FL-150	9.05	8.91	8.98	1.6
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	178	170	174	4.6
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.62	2.32	2.47	12
s-Butyl mercaptan	FL-150	2.56	2.25	2.41	13
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	8.33	7.93	8.13	4.9
Tetrahydrothiophene	FL-150	1.65	1.42	1.54	15
Unidentified sulfurs	FL-150	18.6	16.8	17.7	10

One Tedlar bag sample, laboratory number 22543-2, 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 8.0%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED TRS							
Project No. 07214017.91 Task 2		Field Logbook No.										
Sampler: (Signature) 		Chain of Custody Tape No.										
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	X							Special Remarks
FL-150 INLET	LFG	22543-1	9-10-23	4:08pm	X							Filtered 2ppm
FL-150 inlet	LFG	-2	9-11-23	9:30am	X							Filtered 5ppm
Relinquished by: (Signature) 			Date 9-11-23	Time 11:am	Received by: (Signature) 			Date	Time 11:00am			
Relinquished by: (Signature) 			Date 9/11/23	Time 11:40	Received by: (Signature)			Date	Time			
Relinquished by: (Signature)			Date	Time	Received for Laboratory by: (Signature) 			Date 9/11/23	Time 11:40			
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								



LABORATORY ANALYSIS REPORT

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

Report Date: October 4, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 20, 2023
Date Received: September 20, 2023
Date Analyzed: September 20, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22633-4
Sample I.D.: FL-150

Components	(Concentration in ppmv)
Hydrogen sulfide	7.99
Carbonyl sulfide	0.85
Methyl mercaptan	15.5
Ethyl mercaptan	<0.50
Dimethyl sulfide	199
Carbon disulfide	<0.50
i-Propyl mercaptan	0.65
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.68
s-Butyl mercaptan	2.63
i-Butyl mercaptan	<0.50
Dimethyl disulfide	7.71
Tetrahydrothiophene	1.46
Unidentified sulfurs	15.7

(Concentration in ppmv, as H₂S)

Total Sulfur 261.3


Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 20, 2023
Date Received: September 20, 2023
Date Analyzed: September 20, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150	7.64	8.33	7.99	8.6
Carbonyl sulfide	FL-150	0.83	0.86	0.85	3.6
Methyl mercaptan	FL-150	15.4	15.6	15.5	1.3
Ethyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl sulfide	FL-150	194	203	199	4.5
Carbon disulfide	FL-150	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150	0.68	0.62	0.65	9.2
t-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150	2.82	2.53	2.68	11
s-Butyl mercaptan	FL-150	2.73	2.52	2.63	8.0
i-Butyl mercaptan	FL-150	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150	7.72	7.70	7.71	0.26
Tetrahydrothiophene	FL-150	1.53	1.38	1.46	10
Unidentified sulfurs	FL-150	16.2	15.1	15.7	7.4

One Tedlar bag sample, laboratory number 22633-4, 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 6.4%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED													
Project No. 07214017.91 Task 2		Field Logbook No.			TRS (301.91)													
Sampler: (Signature) 		Chain of Custody Tape No.																
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time								Special Remarks						
FL-150 INLET		22633-4	9-20-23	9:05am	X													
Relinquished by: (Signature) 			Date 9-20-23	Time 10:00am	Received by: (Signature) 			Date 9/20/23	Time 1000									
Relinquished by: (Signature) 			Date 9/20/23	Time 1115	Received by: (Signature) 			Date	Time									
Relinquished by: (Signature)			Date	Time	Received for Laboratory by: (Signature) 			Date 9/20/23	Time 1130									
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													



LABORATORY ANALYSIS REPORT

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

Report Date: October 4, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: September 27, 2023
Date Received: September 27, 2023
Date Analyzed: September 27, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 22703-43
Sample I.D.: FL-150 Inlet

Components	(Concentration in ppmv)
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Hydrogen sulfide	15.3
Carbonyl sulfide	1.13
Methyl mercaptan	23.6
Ethyl mercaptan	0.53
Dimethyl sulfide	174
Carbon disulfide	<0.50
i-Propyl mercaptan	1.00
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.04
s-Butyl mercaptan	3.20
i-Butyl mercaptan	<0.50
Dimethyl disulfide	10.7
Tetrahydrothiophene	2.09
Unidentified sulfurs	24.5

(Concentration in ppmv, as H₂S)

Total Sulfur	269.7
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Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: September 27, 2023
Date Received: September 27, 2023
Date Analyzed: September 27, 2023

Components	Sample ID	Repeat Analysis		Mean Conc.	% RPD
		Run #1	Run #2		
		(Concentration in ppmv)			
Hydrogen sulfide	FL-150 Inlet	14.8	15.8	15.3	6.5
Carbonyl sulfide	FL-150 Inlet	1.17	1.08	1.13	8.0
Methyl mercaptan	FL-150 Inlet	23.0	24.2	23.6	5.1
Ethyl mercaptan	FL-150 Inlet	0.52	0.54	0.53	3.8
Dimethyl sulfide	FL-150 Inlet	171	177	174	3.4
Carbon disulfide	FL-150 Inlet	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-150 Inlet	0.98	1.02	1.00	4.0
t-Butyl mercaptan	FL-150 Inlet	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-150 Inlet	3.02	3.06	3.04	1.3
s-Butyl mercaptan	FL-150 Inlet	3.14	3.26	3.20	3.7
i-Butyl mercaptan	FL-150 Inlet	<0.50	<0.50	---	---
Dimethyl disulfide	FL-150 Inlet	10.5	10.8	10.7	2.9
Tetrahydrothiophene	FL-150 Inlet	2.08	2.10	2.09	0.96
Unidentified sulfurs	FL-150 Inlet	24.1	24.8	24.5	3.0

One Tedlar bag sample, laboratory number 22703-43, 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 3.9%.



CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon		Project Location Castaic, CA			ANALYSES REQUESTED										
Project No. 07214017.91 Task 2		Field Logbook No.			TRS (301.91)										
Sampler: (Signature) 		Chain of Custody Tape No.													
Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time								Special Remarks			
FL-150 INLET	Landfill gas	22703-43	9-27-23	10:15am	X										Filtered 12 PPM
Relinquished by: (Signature) 		Date 9-27-23	Time 11:23am	Received by: (Signature) 		Date 9/27/23		Time 11:23am							
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date		Time							
Relinquished by: (Signature)		Date	Time	Received for Laboratory by: (Signature) 		Date 9/27/23		Time 12:30							
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											

Attachment B

Calculations

Chiquita Canyon Landfill
Total Emissions
Monthly Report Period: September 2023

	Flare No. 1 John Zink (FL-150)				Flare No. 2 John Zink (Zule) (FL-100)				Envent Thermal Oxidizer (TOx)	All Control Devices (Flare No. 1, Flare No. 2, TOx)			Lab Analysis Total Reduced Sulfur as H2S (ppmv)
Date	Total LFG Combusted (scf)	Runtime (hr)	Flow Rate (scfm)	Flow Rate (scf/hr)	Total LFG Combusted (scf)	Runtime (hr)	Flow Rate (scfm)	Flow Rate (scf/hr)	Total LFG Combusted (scf)	Total LFG Combusted (scf)	Total Flow Rate (scfm)	Total Flow Rate (scf/hr)	
9/1/2023	5,249,329	24.00	3,645	218,722	5,448,637	24.00	3,784	227,027	2,460,960	13,158,926	9,138	548,289	223
9/2/2023	5,248,598	24.00	3,645	218,692	5,431,308	24.00	3,772	226,304	2,460,960	13,140,866	9,126	547,536	207
9/3/2023	5,284,771	24.00	3,670	220,199	5,427,686	24.00	3,769	226,154	2,460,510	13,172,967	9,148	548,874	211
9/4/2023	5,238,528	24.00	3,638	218,272	5,398,568	24.00	3,749	224,940	2,443,870	13,080,966	9,084	545,040	203
9/5/2023	4,852,719	24.00	3,370	202,197	5,058,416	24.00	3,513	210,767	2,230,147	12,141,282	8,431	505,887	246
9/6/2023	4,311,476	24.00	2,994	179,645	4,590,999	24.00	3,188	191,292	2,239,590	11,142,065	7,738	464,253	214
9/7/2023	4,954,922	24.00	3,441	206,455	5,130,499	24.00	3,563	213,771	1,836,325	11,921,746	8,279	496,739	257
9/8/2023	4,763,215	24.00	3,308	198,467	4,973,268	24.00	3,454	207,220	2,372,520	12,109,003	8,409	504,542	212
9/9/2023	4,350,751	24.00	3,021	181,281	4,648,832	24.00	3,228	193,701	2,460,960	11,460,543	7,959	477,523	227
9/10/2023	4,470,153	24.00	3,104	186,256	4,752,573	24.00	3,300	198,024	2,297,640	11,520,366	8,000	480,015	234
9/11/2023	4,399,550	24.00	3,055	183,315	4,650,880	24.00	3,230	193,787	2,148,300	11,198,730	7,777	466,614	230
9/12/2023	4,974,598	22.90	3,455	207,275	5,134,376	23.13	3,566	213,932	2,051,460	12,160,434	8,445	506,685	--
9/13/2023	4,933,113	24.00	3,426	205,546	5,127,975	24.00	3,561	213,666	2,247,960	12,309,048	8,548	512,877	--
9/14/2023	4,830,114	24.00	3,354	201,255	5,010,516	24.00	3,480	208,771	2,222,410	12,063,039	8,377	502,627	--
9/15/2023	4,724,543	24.00	3,281	196,856	4,904,698	24.00	3,406	204,362	2,158,560	11,787,801	8,186	491,158	--
9/16/2023	5,316,483	24.00	3,692	221,520	5,344,290	24.00	3,711	222,679	2,143,570	12,804,342	8,892	533,514	--
9/17/2023	5,419,342	24.00	3,763	225,806	5,350,322	24.00	3,716	222,930	2,158,560	12,928,224	8,978	538,676	--
9/18/2023	4,982,602	22.92	3,460	207,608	5,272,645	24.00	3,662	219,694	2,136,075	12,391,322	8,605	516,305	--
9/19/2023	5,181,702	23.70	3,598	215,904	5,297,074	24.00	3,679	220,711	2,136,075	12,614,851	8,760	525,619	--
9/20/2023	4,919,616	23.92	3,416	204,984	5,050,389	24.00	3,507	210,433	2,143,570	12,113,574	8,412	504,732	261
9/21/2023	4,017,989	20.65	2,790	167,416	5,046,283	24.00	3,504	210,262	2,158,560	11,222,832	7,794	467,618	--
9/22/2023	4,843,635	23.82	3,364	201,818	5,200,898	24.00	3,612	216,704	2,128,580	12,173,113	8,454	507,213	--
9/23/2023	4,963,059	23.25	3,447	206,794	5,447,777	24.00	3,783	226,991	2,158,560	12,569,395	8,729	523,725	--
9/24/2023	5,083,210	24.00	3,530	211,800	5,383,952	24.00	3,739	224,331	2,143,570	12,610,732	8,757	525,447	--
9/25/2023	5,203,834	24.00	3,614	216,826	5,458,062	24.00	3,790	227,419	2,143,570	12,805,466	8,893	533,561	--
9/26/2023	5,048,026	23.62	3,506	210,334	5,363,254	24.00	3,724	223,469	2,093,100	12,504,379	8,684	521,016	--
9/27/2023	5,166,115	23.35	3,588	215,255	5,429,075	24.00	3,770	226,211	2,129,706	12,724,896	8,837	530,204	270
9/28/2023	5,053,016	22.72	3,509	210,542	5,153,279	22.87	3,579	214,720	1,895,480	12,101,775	8,404	504,241	--
9/29/2023	5,236,686	23.65	3,637	218,195	5,400,358	24.00	3,750	225,015	2,132,570	12,769,614	8,868	532,067	--
9/30/2023	4,604,376	22.53	3,197	191,849	5,414,386	24.00	3,760	225,599	2,143,570	12,162,332	8,446	506,764	--

*Flare Flow and Runtime from chart recorder data. Total consists of Flare No. 1 and Flare No. 2. Ameresco's variance was approved on February 15th and Ameresco began operations on February 16th.

*Date of lab data based on date sampled.

Chiquita Canyon Landfill
LFG Not Combusted
Monthly Report Period: September 2023

Date	Flare 1, 2, TOx Total Flow Rate (scf/day)	2022 Baseline Flow Rate (scf/day)	LFG Not Combusted (scf/day) ¹	Ameresco LFG Processed (scf/day) ²	LFG Not Combusted (scfm)
9/1/2023	13,158,926	--	--	1,321,810	--
9/2/2023	13,140,866	--	--	3,003,256	--
9/3/2023	13,172,967	--	--	3,050,848	--
9/4/2023	13,080,966	--	--	3,301,407	--
9/5/2023	12,141,282	--	--	4,626,744	--
9/6/2023	11,142,065	--	--	5,763,098	--
9/7/2023	11,921,746	--	--	3,267,847	--
9/8/2023	12,109,003	--	--	4,754,422	--
9/9/2023	11,460,543	--	--	5,520,593	--
9/10/2023	11,520,366	--	--	5,282,695	--
9/11/2023	11,198,730	--	--	5,531,680	--
9/12/2023	12,160,434	--	--	4,495,743	--
9/13/2023	12,309,048	--	--	5,565,111	--
9/14/2023	12,063,039	--	--	5,529,258	--
9/15/2023	11,787,801	--	--	5,546,307	--
9/16/2023	12,804,342	--	--	5,529,117	--
9/17/2023	12,928,224	--	--	5,559,323	--
9/18/2023	12,391,322	--	--	5,544,625	--
9/19/2023	12,614,851	--	--	5,546,698	--
9/20/2023	12,113,574	--	--	5,593,361	--
9/21/2023	11,222,832	--	--	5,571,862	--
9/22/2023	12,173,113	--	--	5,601,122	--
9/23/2023	12,569,395	--	--	5,562,397	--
9/24/2023	12,610,732	--	--	5,549,514	--
9/25/2023	12,805,466	--	--	5,552,017	--
9/26/2023	12,504,379	--	--	5,546,698	--
9/27/2023	12,724,896	--	--	5,508,296	--
9/28/2023	12,101,775	--	--	5,521,580	--
9/29/2023	12,769,614	--	--	5,555,669	--
9/30/2023	12,162,332	--	--	5,552,954	--
Total/Average					--

¹Total LFG not combusted is calculated based on the difference from total flow rate from all control devices from 2022 (baseline) and flow rate from Flare 1 and 2 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 15th. Ameresco restarted operations on February 16th, 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 17th, except for periods when the Ameresco Plant and/or the Flares are offline or processing less LFG for other reasons.

²Actual Ameresco LFG flow rate after restarting operations are greater than the unflared amount while Ameresco was off-line. Therefore, there are no unflared gas in September 2023.

*Flare Flow and Runtime from chart recorder data.

*Date of lab data based on date sampled.

2022 Baseline Flow Rate			
Devices	Total Flow (scf)	Flow Rate (scf/day)	Flow Rate (scfm)
Flare No. 1	1,380,940,025	3,783,397	2,627
Flare No. 2	1,386,138,034	3,797,638	2,637
LFGTE Facility	1,584,198,413	4,340,270	3,014
Total	4,351,276,471	11,921,305	8,279

*Flare flow from chart recorder data. LFGTE Facility flow from Ameresco.

Attachment C

Surface Emissions Monitoring

2023 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)															
1/13/23, 1/20/23, 1/27/23 (no exceedances)															
2/1/23, 2/4/23, 2/13/23, 2/21/23 (no exceedances)															
175	2/21/2023	25	Moisture Condition, Soil/Dirt Compaction	3/3/2023	68	Moisture Condition, Soil/Dirt Compaction	3/13/2023	48	Moisture Condition, Soil/Dirt Compaction	3/24/2023	20	5/8/2023	Increased lateral and header lines to provide more vacuum to area wells including H-1768 and H- 1960.	4/19/2023, 5/1/2023	9
182	2/21/2023	80	Moisture Condition, Soil/Dirt Compaction	3/3/2023	51	Moisture Condition, Soil/Dirt Compaction	3/13/2023	52	Moisture Condition, Soil/Dirt Compaction	3/24/2023	18	5/8/2023	Increased lateral and header lines to provide more vacuum to area wells including H-1768 and H- 1960.	4/19/2023, 5/1/2023	8
200	2/21/2023	25	Moisture Condition, Soil/Dirt Compaction	3/3/2023	72	Moisture Condition, Soil/Dirt Compaction	3/13/2023	56	Moisture Condition, Soil/Dirt Compaction	3/24/2023	22	5/8/2023	Increased lateral and header lines to provide more vacuum to area wells including H-1768 and H- 1960.	4/19/2023, 5/1/2023	17
202	2/21/2023	25	Moisture Condition, Soil/Dirt Compaction	3/3/2023	45	Moisture Condition, Soil/Dirt Compaction	3/13/2023	19	NA	NA	NA				
190	3/9/2023	39	Moisture Condition, Soil/Dirt Compaction	3/17/2023	23	NA	NA	NA	NA	NA	NA				
191	3/9/2023	29	Moisture Condition, Soil/Dirt Compaction	3/17/2023	33	Moisture Condition, Soil/Dirt Compaction	3/27/2023	12.63	NA	NA	NA				
192	3/9/2023	41	Moisture Condition, Soil/Dirt Compaction	3/17/2023	24	NA	NA	NA	NA	NA	NA				
193	3/9/2023	32	Moisture Condition, Soil/Dirt Compaction	3/17/2023	33	Moisture Condition, Soil/Dirt Compaction	3/27/2023	8.77	NA	NA	NA				
189	3/9/2023	43	Moisture Condition, Soil/Dirt Compaction	3/17/2023	24	NA	NA	NA	NA	NA	NA				
188	3/9/2023	38	Moisture Condition, Soil/Dirt Compaction	3/17/2023	26	Moisture Condition, Soil/Dirt Compaction	3/27/2023	12.64	NA	NA	NA				
187	3/9/2023	40	Moisture Condition, Soil/Dirt Compaction	3/17/2023	16	NA	NA	NA	NA	NA	NA				
186	3/9/2023	52	Moisture Condition, Soil/Dirt Compaction	3/17/2023	39	Moisture Condition, Soil/Dirt Compaction	3/27/2023	13.91	NA	NA	NA				
182	3/9/2023	50	Moisture Condition, Soil/Dirt Compaction	3/17/2023	39	Moisture Condition, Soil/Dirt Compaction	3/27/2023	10.7	NA	NA	NA				
183	3/9/2023	48	Moisture Condition, Soil/Dirt Compaction	3/17/2023	32	Moisture Condition, Soil/Dirt Compaction	3/27/2023	10.24	NA	NA	NA				
184	3/9/2023	46	Moisture Condition, Soil/Dirt Compaction	3/17/2023	18	NA	NA	NA	NA	NA	NA				
200	3/9/2023	45	Moisture Condition, Soil/Dirt Compaction	3/17/2023	13	NA	NA	NA	NA	NA	NA				
181	3/9/2023	34	Moisture Condition, Soil/Dirt Compaction	3/17/2023	21	NA	NA	NA	NA	NA	NA				
180	3/9/2023	49	Moisture Condition, Soil/Dirt Compaction	3/17/2023	16	NA	NA	NA	NA	NA	NA				
139	3/9/2023	46	Moisture Condition, Soil/Dirt Compaction	3/17/2023	13	NA	NA	NA	NA	NA	NA				
201	3/9/2023	32	Moisture Condition, Soil/Dirt Compaction	3/17/2023	17	NA	NA	NA	NA	NA	NA				
175	3/9/2023	43	Moisture Condition, Soil/Dirt Compaction	3/17/2023	18	NA	NA	NA	NA	NA	NA				
176	3/9/2023	51	Moisture Condition, Soil/Dirt Compaction	3/17/2023	38	Moisture Condition, Soil/Dirt Compaction	3/27/2023	7.49	NA	NA	NA				
205	3/9/2023	47	Moisture Condition, Soil/Dirt Compaction	3/17/2023	42	Moisture Condition, Soil/Dirt Compaction	3/27/2023	60.04	NA	NA	NA	5/11/2023	Installed deep trench collector TC-2382	4/5/2023, 4/17/23	17
202	3/9/2023	54	Moisture Condition, Soil/Dirt Compaction	3/17/2023	36	Moisture Condition, Soil/Dirt Compaction	3/27/2023	30.99	NA	NA	NA	5/11/2023	Installed deep trench collector TC-2382	4/5/2023, 4/17/23	8
174	3/9/2023	60	Moisture Condition, Soil/Dirt Compaction	3/17/2023	23	NA	NA	NA	NA	NA	NA				
173	3/9/2023	50	Moisture Condition, Soil/Dirt Compaction	3/17/2023	28	Moisture Condition, Soil/Dirt Compaction	3/27/2023	7.75	NA	NA	NA				
206	3/9/2023	50	Moisture Condition, Soil/Dirt Compaction	3/17/2023	40	Moisture Condition, Soil/Dirt Compaction	3/27/2023	58.78	NA	NA	NA	5/11/2023	Installed deep trench collector TC-2382	4/5/2023, 4/17/23	13
203	3/9/2023	52	Moisture Condition, Soil/Dirt Compaction	3/17/2023	20	NA	NA	NA	NA	NA	NA				
169	3/9/2023	51	Moisture Condition, Soil/Dirt Compaction	3/17/2023	37	Moisture Condition, Soil/Dirt Compaction	3/27/2023	16.2	NA	NA	NA				
207	3/9/2023	46	Moisture Condition, Soil/Dirt Compaction	3/17/2023	22	NA	NA	NA	NA	NA	NA				
204	3/9/2023	56	Moisture Condition, Soil/Dirt Compaction	3/17/2023	26	Moisture Condition, Soil/Dirt Compaction	3/27/2023	55.11	NA	NA	NA	5/11/2023	Installed deep trench collector TC-2382	4/5/2023, 4/17/23	14
168	3/9/2023	51	Moisture Condition, Soil/Dirt Compaction	3/17/2023	32	Moisture Condition, Soil/Dirt Compaction	3/27/2023	8.65	NA	NA	NA				
205	3/9/2023	47	Moisture Condition, Soil/Dirt Compaction	3/17/2023	16	NA	NA	NA	NA	NA	NA				
202	3/9/2023	59	Moisture Condition, Soil/Dirt Compaction	3/17/2023	46	Moisture Condition, Soil/Dirt Compaction	3/27/2023	15	Moisture Condition, Soil/Dirt Compaction	4/13/2023	15				
206	3/9/2023	50	Moisture Condition, Soil/Dirt Compaction	3/17/2023	18	NA	NA	NA	NA	NA	NA				
204	3/9/2023	56	Moisture Condition, Soil/Dirt Compaction	3/17/2023	26	Moisture Condition, Soil/Dirt Compaction	3/27/2023	15	Moisture Condition, Soil/Dirt Compaction	4/13/2023	15				
204	3/27/2023	55	Moisture Condition, Soil/Dirt Compaction	4/4/2023	26	Moisture Condition, Soil/Dirt Compaction	4/13/2023	15	NA	NA	NA				
203	3/27/2023	52	Moisture Condition, Soil/Dirt Compaction	4/4/2023	25	Moisture Condition, Soil/Dirt Compaction	4/13/2023	24	NA	NA	NA				
207	3/27/2023	50	Moisture Condition, Soil/Dirt Compaction	4/4/2023	28	Moisture Condition, Soil/Dirt Compaction	4/13/2023	23	NA	NA	NA				
206	3/27/2023	58	Moisture Condition, Soil/Dirt Compaction	4/4/2023	18	NA	NA	NA	NA	NA	NA				
205	3/27/2023	60	Moisture Condition, Soil/Dirt Compaction	4/4/2023	16	NA	NA	NA	NA	NA	NA				
175	3/27/2023	49	Moisture Condition, Soil/Dirt Compaction	4/4/2023	13	NA	NA	NA	NA	NA	NA				
202	3/27/2023	30	Moisture Condition, Soil/Dirt Compaction	4/4/2023	46	Moisture Condition, Soil/Dirt Compaction	4/13/2023	15	NA	NA	NA				
202	4/4/2023	46	Moisture Condition, Soil/Dirt Compaction	4/13/2023	15	NA	NA	NA	NA	NA	NA				
203	4/4/2023	25	Moisture Condition, Soil/Dirt Compaction	4/13/2023	24	NA	NA	NA	NA	NA	NA				
204	4/4/2023	26	Moisture Condition, Soil/Dirt Compaction	4/13/2023	15	NA	NA	NA	NA	NA	NA				
207	4/4/2023	28	Moisture Condition, Soil/Dirt Compaction	4/13/2023	23	NA	NA	NA	NA	NA	NA				
174	4/17/2023	40	Moisture Condition, Soil/Dirt Compaction	4/27/2023	22	NA	NA	NA	NA	NA	NA				
190	4/17/2023	26	Moisture Condition, Soil/Dirt Compaction	4/27/2023	17	NA	NA	NA	NA	NA	NA				
200	4/17/2023	25	Moisture Condition, Soil/Dirt Compaction	4/27/2023	19	NA	NA	NA	NA	NA	NA				
207	5/1/2023	54	Moisture Condition, Soil/Dirt Compaction	5/10/2023	23	NA	NA	NA	NA	NA	NA				
210	5/1/2023	26	Moisture Condition, Soil/Dirt Compaction	5/10/2023	19	NA	NA	NA	NA	NA	NA				
202	5/1/2023	29	Moisture Condition, Soil/Dirt Compaction	5/10/2023	21	NA	NA	NA	NA	NA	NA				
208	5/1/2023	43	Moisture Condition, Soil/Dirt Compaction	5/10/2023	23	NA	NA	NA	NA	NA	NA				
201	5/17/2023	30	Moisture Condition, Soil/Dirt Compaction	5/26/2023	23	NA	NA	NA	NA	NA	NA				
205	5/17/2023	26	Moisture Condition, Soil/Dirt Compaction	5/26/2023	19	NA	NA	NA	NA	NA	NA				
203	5/17/2023	27	Moisture Condition, Soil/Dirt Compaction	5/26/2023	21	NA	NA	NA	NA	NA	NA				
169	5/17/2023	25	Moisture Condition, Soil/Dirt Compaction	5/26/2023	18	NA	NA	NA	NA	NA	NA				
173	5/17/2023	35	Moisture Condition, Soil/Dirt Compaction	5/26/2023	23	NA	NA	NA	NA	NA	NA				
206	5/30/2023	36	Moisture Condition, Soil/Dirt Compaction	6/9/2023	19	NA	NA	NA	NA	NA	NA				
170	5/30/2023	95	Moisture Condition, Soil/Dirt Compaction	6/9/2023	17	NA	NA	NA	NA	NA	NA				
172	5/30/2023	28	Moisture Condition, Soil/Dirt Compaction	6/9/2023	18	NA	NA	NA	NA	NA	NA				
151	5/30/2023	83	Moisture Condition, Soil/Dirt Compaction	6/9/2023	22	NA	NA	NA	NA	NA	NA				
181	5/30/2023	30	Moisture Condition, Soil/Dirt Compaction	6/9/2023	21	NA	NA	NA	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
172	6/13/2023	30	Moisture Condition, Soil/Dirt Compaction	6/22/2023	19	NA	NA	NA	NA	NA	NA				
179	6/13/2023	25	Moisture Condition, Soil/Dirt Compaction	6/22/2023	10	NA	NA	NA	NA	NA	NA				
156	6/13/2023	27	Moisture Condition, Soil/Dirt Compaction	6/22/2023	21	NA	NA	NA	NA	NA	NA				
177	6/13/2023	120	Moisture Condition, Soil/Dirt Compaction	6/22/2023	23	NA	NA	NA	NA	NA	NA				
176	6/27/2023	40	Moisture Condition, Soil/Dirt Compaction	7/7/2023	23	NA	NA	NA	NA	NA	NA				
179	6/27/2023	35	Moisture Condition, Soil/Dirt Compaction	7/7/2023	21	NA	NA	NA	NA	NA	NA				
172	6/27/2023	25	Moisture Condition, Soil/Dirt Compaction	7/7/2023	19	NA	NA	NA	NA	NA	NA				
173	6/27/2023	27	Moisture Condition, Soil/Dirt Compaction	7/7/2023	24	NA	NA	NA	NA	NA	NA				
169	6/27/2023	25	Moisture Condition, Soil/Dirt Compaction	7/7/2023	20	NA	NA	NA	NA	NA	NA				
179	7/10/2023	50	Moisture Condition, Soil/Dirt Compaction	7/20/2023	55	Moisture Condition, Soil/Dirt Compaction	7/28/2023	36	NA	NA	NA	9/11/2023	Improved system vacuum and additional cover	8/3/2023	24
173	7/10/2023	35	Moisture Condition, Soil/Dirt Compaction	7/20/2023	53	Moisture Condition, Soil/Dirt Compaction	7/28/2023	29	NA	NA	NA	9/11/2023	Improved system vacuum and additional cover	8/3/2023	23
205	7/10/2023	27	Moisture Condition, Soil/Dirt Compaction	7/20/2023	168	Moisture Condition, Soil/Dirt Compaction	7/28/2023	60	NA	NA	NA	9/11/2023	Improved system vacuum and additional cover	8/3/2023	21
203	7/10/2023	25	Moisture Condition, Soil/Dirt Compaction	7/20/2023	152	Moisture Condition, Soil/Dirt Compaction	7/28/2023	50	NA	NA	NA	9/11/2023	Improved system vacuum and additional cover	8/3/2023	19
174	7/24/2023	32	Moisture Condition, Soil/Dirt Compaction	8/3/2023	18	NA	NA	NA	NA	NA	NA				
175	7/24/2023	45	Moisture Condition, Soil/Dirt Compaction	8/3/2023	18	NA	NA	NA	NA	NA	NA				
205	8/8/2023	74	Moisture Condition, Soil/Dirt Compaction	8/17/2023	24	NA	NA	NA	NA	NA	NA				
206	8/8/2023	38	Moisture Condition, Soil/Dirt Compaction	8/17/2023	24	NA	NA	NA	NA	NA	NA				
169	8/8/2023	27	Moisture Condition, Soil/Dirt Compaction	8/17/2023	21	NA	NA	NA	NA	NA	NA				
170	8/8/2023	29	Moisture Condition, Soil/Dirt Compaction	8/17/2023	22	NA	NA	NA	NA	NA	NA				
175	8/8/2023	30	Moisture Condition, Soil/Dirt Compaction	8/17/2023	19	NA	NA	NA	NA	NA	NA				
206	8/24/2023	120	Moisture Condition, Soil/Dirt Compaction	9/1/2023	377	Moisture Condition, Soil/Dirt Compaction	9/8/2023	23	NA	NA	NA				
176	8/24/2023	76	Moisture Condition, Soil/Dirt Compaction	9/1/2023	210	Moisture Condition, Soil/Dirt Compaction	9/5/2023	13	NA	NA	NA				
175	8/24/2023	68	Moisture Condition, Soil/Dirt Compaction	9/1/2023	380	Moisture Condition, Soil/Dirt Compaction	9/5/2023	11	NA	NA	NA				
174	8/24/2023	28	Moisture Condition, Soil/Dirt Compaction	9/1/2023	406	Moisture Condition, Soil/Dirt Compaction	9/5/2023	15	NA	NA	NA				
202	8/24/2023	31	Moisture Condition, Soil/Dirt Compaction	9/1/2023	220	Moisture Condition, Soil/Dirt Compaction	9/5/2023	19	NA	NA	NA				
201	8/24/2023	48	Moisture Condition, Soil/Dirt Compaction	9/1/2023	230	Moisture Condition, Soil/Dirt Compaction	9/5/2023	18	NA	NA	NA				
181	8/24/2023	29	Moisture Condition, Soil/Dirt Compaction	9/1/2023	180	Moisture Condition, Soil/Dirt Compaction	9/5/2023	17	NA	NA	NA				
207	9/5/2023	26	Moisture Condition, Soil/Dirt Compaction	9/15/2023	24.7	NA	NA	NA	NA	NA	NA				
206	9/5/2023	31	Moisture Condition, Soil/Dirt Compaction	9/15/2023	23.9	NA	NA	NA	NA	NA	NA				
205	9/5/2023	30	Moisture Condition, Soil/Dirt Compaction	9/15/2023	23.7	NA	NA	NA	NA	NA	NA				
169	9/5/2023	30	Moisture Condition, Soil/Dirt Compaction	9/15/2023	24.5	NA	NA	NA	NA	NA	NA				
166	9/5/2023	29	Moisture Condition, Soil/Dirt Compaction	9/15/2023	8.0	NA	NA	NA	NA	NA	NA				
154	9/5/2023	28	Moisture Condition, Soil/Dirt Compaction	9/15/2023	7.0	NA	NA	NA	NA	NA	NA				
167	9/19/2023	40	Moisture Condition, Soil/Dirt Compaction	9/29/2023	12.1	NA	NA	NA	NA	NA	NA				
202	9/19/2023	27	Moisture Condition, Soil/Dirt Compaction	9/29/2023	127.0	Moisture Condition, Soil/Dirt Compaction	10/6/2023	43.6	Moisture Condition, Soil/Dirt Compaction	10/13/2023	16				
205	9/19/2023	25	Moisture Condition, Soil/Dirt Compaction	9/29/2023	63.8	Moisture Condition, Soil/Dirt Compaction	10/6/2023	26.9	Moisture Condition, Soil/Dirt Compaction	10/13/2023	24				
204	9/19/2023	28	Moisture Condition, Soil/Dirt Compaction	9/29/2023	44.4	Moisture Condition, Soil/Dirt Compaction	10/6/2023	12.1	NA	NA	NA				
174	9/19/2023	31	Moisture Condition, Soil/Dirt Compaction	9/29/2023	32.9	Moisture Condition, Soil/Dirt Compaction	10/6/2023	29.2	Moisture Condition, Soil/Dirt Compaction	10/13/2023	12				
170	9/19/2023	35	Moisture Condition, Soil/Dirt Compaction	9/29/2023	25.5	Moisture Condition, Soil/Dirt Compaction	10/6/2023	19.6	NA	NA	NA				
Instantaneous (Monthly)															
201/Y1	1/25/2023	700	Moisture Condition, Soil/Dirt Compaction	2/2/2023	263	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	358				
205/Y21	1/25/2023	764	Moisture Condition, Soil/Dirt Compaction	2/2/2023	194	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	299				
214/Y22	1/25/2023	802	Moisture Condition, Soil/Dirt Compaction	2/2/2023	299	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	106				
214/Y23	1/25/2023	998	Moisture Condition, Soil/Dirt Compaction	2/2/2023	157	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	110				
202/Y41	1/25/2023	3,028	Moisture Condition, Soil/Dirt Compaction	2/2/2023	483	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	458				
202/Y42	1/25/2023	4,263	Moisture Condition, Soil/Dirt Compaction	2/2/2023	491	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	406				
215/Y43	1/25/2023	6,519	Moisture Condition, Soil/Dirt Compaction	2/2/2023	483	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	398				
215/Y44	1/25/2023	963	Moisture Condition, Soil/Dirt Compaction	2/2/2023	96	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	164				
203/Y61	1/25/2023	4,652	Moisture Condition, Soil/Dirt Compaction	2/2/2023	409	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	410				
203/Y62	1/25/2023	778	Moisture Condition, Soil/Dirt Compaction	2/2/2023	54	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	68				
203/Y63	1/25/2023	2,465	Moisture Condition, Soil/Dirt Compaction	2/2/2023	479	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	94				
211/Y63	1/25/2023	1,237	Moisture Condition, Soil/Dirt Compaction	2/2/2023	84	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	2/21/2023	123				
201/Y21	2/23/2023	2,169	Moisture Condition, Soil/Dirt Compaction	3/3/2023	3,000	Moisture Condition, Soil/Dirt Compaction	3/13/2023	185	Moisture Condition, Soil/Dirt Compaction	3/24/2023	121				
175/Y22	2/23/2023	964	Moisture Condition, Soil/Dirt Compaction	3/3/2023	3,000	Moisture Condition, Soil/Dirt Compaction	3/13/2023	1300	Moisture Condition, Soil/Dirt Compaction	3/24/2023	484	4/27/2023	Increased lateral and header lines to provide more vacuum to area wells including H-1768 and H- 1960.	4/19/2023, 4/17/23	10
175/Y23	2/23/2023	3,654	Moisture Condition, Soil/Dirt Compaction	3/3/2023	3,500	Moisture Condition, Soil/Dirt Compaction	3/13/2023	100	Moisture Condition, Soil/Dirt Compaction	3/24/2023	100				
202/Y41	2/23/2023	36,201	Moisture Condition, Soil/Dirt Compaction	3/3/2023	1,250	Moisture Condition, Soil/Dirt Compaction	3/13/2023	638	Moisture Condition, Soil/Dirt Compaction	3/24/2023	235	4/27/2023	Installed deep trench collector TC-2382	4/5/2023, 4/17/23	8
202/Y42	2/23/2023	1,678	Moisture Condition, Soil/Dirt Compaction	3/3/2023	2,000	Moisture Condition, Soil/Dirt Compaction	3/13/2023	838	Moisture Condition, Soil/Dirt Compaction	3/24/2023	441	4/27/2023	Installed deep trench collector TC-2382	4/5/2023, 4/17/23	8
202/Y43	2/23/2023	843	Moisture Condition, Soil/Dirt Compaction	3/3/2023	1,505	Moisture Condition, Soil/Dirt Compaction	3/13/2023	190	Moisture Condition, Soil/Dirt Compaction	3/24/2023	398				
169/Y61	2/23/2023	15,000	Moisture Condition, Soil/Dirt Compaction	3/3/2023	9,999	Moisture Condition, Soil/Dirt Compaction	3/13/2023	720	Moisture Condition, Soil/Dirt Compaction	3/24/2023	215	4/27/2023	Connected horizontal collector H-2277W	3/27/2023, 4/17/23	17
208/Y121	2/23/2023	1,000	Moisture Condition, Soil/Dirt Compaction	3/3/2023	685	Moisture Condition, Soil/Dirt Compaction	3/13/2023	135	Moisture Condition, Soil/Dirt Compaction	3/24/2023	380				
208/Y122	2/23/2023	1,200	Moisture Condition, Soil/Dirt Compaction	3/3/2023	950	Moisture Condition, Soil/Dirt Compaction	3/13/2023	580	Moisture Condition, Soil/Dirt Compaction	3/24/2023	291	4/27/2023	Connected horizontal collector H-2277W	3/27/2023, 4/17/23	23
207/Y1	3/31/2023	900	Moisture Condition, Soil/Dirt Compaction	4/10/2023	22	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	37				
207/Y2	3/31/2023	1,500	Moisture Condition, Soil/Dirt Compaction	4/10/2023	21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	129				
202/Y3	3/31/2023	1,000	Moisture Condition, Soil/Dirt Compaction	4/10/2023	71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	98				
201/Y4	3/31/2023	1,500	Moisture Condition, Soil/Dirt Compaction	4/10/2023	63	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	209				
175/Y5	3/31/2023	1,500	Moisture Condition, Soil/Dirt Compaction	4/10/2023	461	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	162				
178/Y11	3/31/2023	2,000	Moisture Condition, Soil/Dirt Compaction	4/10/2023	28	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	199				
179/Y12	3/31/2023	1,200	Moisture Condition, Soil/Dirt Compaction	4/10/2023	15	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	143				
175/Y13	3/31/2023	2,100	Moisture Condition, Soil/Dirt Compaction	4/10/2023	425	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	398				

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
174/Y14	3/31/2023	1,000	Moisture Condition, Soil/Dirt Compaction	4/10/2023	391	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	82				
174/Y15	3/31/2023	2,800	Moisture Condition, Soil/Dirt Compaction	4/10/2023	300	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	283				
202/Y16	3/31/2023	1,500	Moisture Condition, Soil/Dirt Compaction	4/10/2023	373	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	112				
203/Y27	3/31/2023	2,100	Moisture Condition, Soil/Dirt Compaction	4/10/2023	218	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	316				
203/Y18	3/31/2023	1,700	Moisture Condition, Soil/Dirt Compaction	4/10/2023	68.88	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	152				
204/Y19	3/31/2023	500	Moisture Condition, Soil/Dirt Compaction	4/10/2023	27.16	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	30				
204/Y20	3/31/2023	520	Moisture Condition, Soil/Dirt Compaction	4/10/2023	173	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	4/24/2023	23				
H-1952C	4/6/2023	1,500	Increased applied vacuum with higher system vacuum. Adjusted well. Added new soil and compacted around well casing.	4/14/2023	397	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	247				
H-1754N	4/6/2023	1,000	Increased applied vacuum with higher system vacuum. Adjusted well H- 1773B. Added new soil and compacted area.	4/14/2023	419	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	301				
H-1964C	4/6/2023	550	Increased applied vacuum with higher system vacuum. Adjusted well. Added new soil and compacted around well casing.	4/14/2023	242	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	256				
L-32	4/6/2023	1,100	Increased applied vacuum with higher system vacuum. Added new soil and compacted around well casing.	4/14/2023	320	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	283				
D-180	4/6/2023	4,000	Increased applied vacuum with higher system vacuum. Repaired broken well casing. Added new soil and compacted around well casing.	4/14/2023	272	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	194				
H-1962S	4/6/2023	3,000	Increased applied vacuum with higher system vacuum. Repaired broken well casing. Added new soil and compacted around well casing.	4/14/2023	252	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	271				
H-2116W	4/6/2023	3,000	Increased applied vacuum with higher system vacuum. Added new soil and compacted around well casing.	4/14/2023	438	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	406				
H-1773B	4/6/2023	700	Increased applied vacuum with higher system vacuum. Added new soil and compacted around well casing.	4/14/2023	386	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	382				
H-1965AR	4/6/2023	7,000	Reconnected H-1758S on 4/13/23 and applied vacuum. Added new soil and compacted around well casing.	4/14/2023	391	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	138				
CV-2201	4/6/2023	543	Increased applied vacuum with higher system vacuum. Added new soil and compacted around well casing.	4/14/2023	266	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	44				
H-1963A	4/6/2023	951	Increased applied vacuum with higher system vacuum. Adjusted well. Added new soil and compacted around well casing.	4/14/2023	342	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	203				
H-1966S	4/6/2023	10,000	Increased applied vacuum with higher system vacuum. Added new soil and compacted around well casing.	4/14/2023	411	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	141				
CV-2006	4/6/2023	800	Increased applied vacuum with higher system vacuum. Added new soil and compacted around well casing.	4/14/2023	348	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/5/2023	121				
189/Y61	4/26/2023	570	Moisture Condition, Soil/Dirt Compaction	5/5/2023	346	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	39				
180/Y62	4/26/2023	1,300	Moisture Condition, Soil/Dirt Compaction	5/5/2023	219	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	215				
181/Y63	4/26/2023	2,400	Moisture Condition, Soil/Dirt Compaction	5/5/2023	414	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	483				
150/Y64	4/26/2023	3,400	Moisture Condition, Soil/Dirt Compaction	5/5/2023	108	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	411				
150/Y65	4/26/2023	7,891	Moisture Condition, Soil/Dirt Compaction	5/5/2023	96	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	489				
156/Y66	4/26/2023	813	Moisture Condition, Soil/Dirt Compaction	5/5/2023	209	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	92				
145/Y67	4/26/2023	1,047	Moisture Condition, Soil/Dirt Compaction	5/5/2023	256	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	52				
145/Y68	4/26/2023	685	Moisture Condition, Soil/Dirt Compaction	5/5/2023	301	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	23				
173/Y1	4/26/2023	1,582	Moisture Condition, Soil/Dirt Compaction	5/5/2023	284	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	291				
174/Y2	4/26/2023	9,999	Moisture Condition, Soil/Dirt Compaction	5/5/2023	201	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	493				
176/Y21	4/26/2023	930	Moisture Condition, Soil/Dirt Compaction	5/5/2023	403	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	57				
176/Y22	4/26/2023	600	Moisture Condition, Soil/Dirt Compaction	5/5/2023	221	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	74				
176/Y23	4/26/2023	734	Moisture Condition, Soil/Dirt Compaction	5/5/2023	143	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	70				
176/Y24	4/26/2023	860	Moisture Condition, Soil/Dirt Compaction	5/5/2023	98	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	111				
175/Y25	4/26/2023	710	Moisture Condition, Soil/Dirt Compaction	5/5/2023	105	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	134				
175/Y26	4/26/2023	990	Moisture Condition, Soil/Dirt Compaction	5/5/2023	316	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	87				
175/Y27	4/26/2023	990	Moisture Condition, Soil/Dirt Compaction	5/5/2023	84	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	106				
156/Y41	4/26/2023	1,000	Moisture Condition, Soil/Dirt Compaction	5/5/2023	76	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	88				
179/Y42	4/26/2023	900	Moisture Condition, Soil/Dirt Compaction	5/5/2023	99	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	73				
184/Y43	4/26/2023	1,200	Moisture Condition, Soil/Dirt Compaction	5/5/2023	262	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	159				

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/Y44	4/26/2023	1,500	Moisture Condition, Soil/Dirt Compaction	5/5/2023	136	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	132				
184/Y45	4/26/2023	1,500	Moisture Condition, Soil/Dirt Compaction	5/5/2023	210	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	156				
187/Y46	4/26/2023	2,000	Moisture Condition, Soil/Dirt Compaction	5/5/2023	288	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	406				
84/Y47	4/26/2023	3,000	Moisture Condition, Soil/Dirt Compaction	5/5/2023	412	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	371				
84/Y48	4/26/2023	2,500	Moisture Condition, Soil/Dirt Compaction	5/5/2023	394	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	353				
84/Y49	4/26/2023	3,500	Moisture Condition, Soil/Dirt Compaction	5/5/2023	473	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	5/24/2023	216				
159/Y1	5/30/2023	500	Moisture Condition, Soil/Dirt Compaction	6/9/2023	63.11	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	51				
161/Y2	5/30/2023	30,000	Moisture Condition, Soil/Dirt Compaction	6/9/2023	248	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	485				
157/Y31	5/30/2023	538	Moisture Condition, Soil/Dirt Compaction	6/9/2023	17.89	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	173				
157/Y32	5/30/2023	576	Moisture Condition, Soil/Dirt Compaction	6/9/2023	26.04	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	165				
150/Y33	5/30/2023	655	Moisture Condition, Soil/Dirt Compaction	6/9/2023	32.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	62				
145/Y34	5/30/2023	511	Moisture Condition, Soil/Dirt Compaction	6/9/2023	204	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	186				
155/Y21	5/30/2023	653	Moisture Condition, Soil/Dirt Compaction	6/9/2023	53.67	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	83				
90/Y22	5/30/2023	5,530	Moisture Condition, Soil/Dirt Compaction	6/9/2023	39.43	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	357				
159/Y11	5/30/2023	855	Moisture Condition, Soil/Dirt Compaction	6/9/2023	201	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	323				
83/Y23	5/30/2023	821	Moisture Condition, Soil/Dirt Compaction	6/9/2023	139	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	57				
81/Y25	5/30/2023	771	Moisture Condition, Soil/Dirt Compaction	6/9/2023	369	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/22/2023	340				
170/H-1564N	6/1/2023	8,000	Well Adjusted. Added soil and compacted (6/8/23).	6/9/2023	11	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	175				
170/H-1964S	6/1/2023	618	Well Adjusted. Added soil and compacted (6/8/23).	6/9/2023	20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	3.45				
170/H-1405E	6/1/2023	699	Well Adjusted. Added soil and compacted (6/8/23).	6/9/2023	14	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	376				
151/H-1773B	6/1/2023	719	Added soil and trackwalked	6/9/2023	11	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	345				
151/H-1773B	6/1/2023	4,000	Added soil and trackwalked	6/9/2023	20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	148				
151/H-1773B	6/1/2023	27,000	Added soil and trackwalked	6/9/2023	28	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	205				
151/H-1773B	6/1/2023	1,255	Added soil and trackwalked	6/9/2023	19	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	183				
156/TC-2380C	6/1/2023	NA	Added soil and trackwalked	6/9/2023	7.33	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	6/29/2023	25				
176/Y1	6/29/2023	700	Moisture Condition, Soil/Dirt Compaction	7/7/2023	65.42	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	220				
176/Y2	6/29/2023	800	Moisture Condition, Soil/Dirt Compaction	7/7/2023	67.40	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	165				
172/Y3	6/29/2023	660	Moisture Condition, Soil/Dirt Compaction	7/7/2023	12.84	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	89				
187/Y46	6/29/2023	500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	59.89	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	26				
150/Y5	6/29/2023	525	Moisture Condition, Soil/Dirt Compaction	7/7/2023	25.83	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	152				
149/Y6	6/29/2023	1,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	85.79	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	262				
149/Y7	6/29/2023	1,500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	146	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	325				
149/Y8	6/29/2023	2,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	1,552	Additional Soil/Dirt Compaction	7/14/2023	189	Moisture Condition, Soil/Dirt Compaction	7/28/2023	189				
53/Y9	6/29/2023	1,300	Moisture Condition, Soil/Dirt Compaction	7/7/2023	96.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	231				
81/Y10	6/29/2023	1,500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	1,250	Additional Soil/Dirt Compaction. Adjust Well H-2167B	7/14/2023	195	Moisture Condition, Soil/Dirt Compaction	7/28/2023	195				
172/Y11	6/29/2023	500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	52.47	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	107				
157/Y12	6/29/2023	500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	20.72	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	50				
152/Y13	6/29/2023	600	Moisture Condition, Soil/Dirt Compaction	7/7/2023	7.12	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	56				
148/Y14	6/29/2023	1,900	Moisture Condition, Soil/Dirt Compaction	7/7/2023	223	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	15				
149/Y15	6/29/2023	500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	19.48	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	37				
150/Y16	6/29/2023	600	Moisture Condition, Soil/Dirt Compaction	7/7/2023	39.12	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	80				
33/Y17	6/29/2023	600	Moisture Condition, Soil/Dirt Compaction	7/7/2023	61.7	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	51				
35/Y18	6/29/2023	600	Moisture Condition, Soil/Dirt Compaction	7/7/2023	48.62	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	168				
176/Y21	6/29/2023	1,200	Moisture Condition, Soil/Dirt Compaction	7/7/2023	Unable to Monitor (repair work being completed)	Additional Soil/Dirt Compaction	7/14/2023	164	Moisture Condition, Soil/Dirt Compaction	7/28/2023	164				
176/Y22	6/29/2023	2,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	43.52	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	107				
181/Y23	6/29/2023	3,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	31.95	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	66				
182/Y24	6/29/2023	2,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	44.52	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	43				
181/Y25	6/29/2023	3,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	85.53	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	51				
201/Y26	6/29/2023	2,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	38.67	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	23				
201/Y27	6/29/2023	1,500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	52.43	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	84				
175/Y28	6/29/2023	2,000	Moisture Condition, Soil/Dirt Compaction	7/7/2023	93.67	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	53				
172/Y29	6/29/2023	2,500	Moisture Condition, Soil/Dirt Compaction	7/7/2023	23.72	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	118				
183/Y31	6/29/2023	1,570	Moisture Condition, Soil/Dirt Compaction	7/7/2023	28.71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	25				
183/Y32	6/29/2023	2,059	Moisture Condition, Soil/Dirt Compaction	7/7/2023	51.73	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	42				
183/Y33	6/29/2023	710	Moisture Condition, Soil/Dirt Compaction	7/7/2023	78.18	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	45				
180/Y34	6/29/2023	1,026	Moisture Condition, Soil/Dirt Compaction	7/7/2023	24.22	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	32				
180/Y35	6/29/2023	943	Moisture Condition, Soil/Dirt Compaction	7/7/2023	27.47	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	64				
175/Y36	6/29/2023	1,284	Moisture Condition, Soil/Dirt Compaction	7/7/2023	85.26	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	109				
174/Y37	6/29/2023	3,012	Moisture Condition, Soil/Dirt Compaction	7/7/2023	95.78	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	84				
174/Y38	6/29/2023	4,604	Moisture Condition, Soil/Dirt Compaction	7/7/2023	237	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	7/28/2023	50				
90/Y39	6/29/2023	1,148	Moisture Condition, Soil/Dirt Compaction	7/7/2023	3,961	Additional Soil/Dirt Compaction	7/14/2023	147	Moisture Condition, Soil/Dirt Compaction	7/28/2023	147				
150/Y11	7/31/2023	800	Moisture Condition, Soil/Dirt Compaction	8/9/2023	236	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	16				
150/Y12	7/31/2023	500	Moisture Condition, Soil/Dirt Compaction	8/9/2023	142	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	8				
149/Y13	7/31/2023	500	Moisture Condition, Soil/Dirt Compaction	8/9/2023	99	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	58				
81/Y14	7/31/2023	500	Moisture Condition, Soil/Dirt Compaction	8/9/2023	306	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	24				
81/Y15	7/31/2023	9,000	Moisture Condition, Soil/Dirt Compaction	8/9/2023	211	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	60				
59/Y16	7/31/2023	6,000	Moisture Condition, Soil/Dirt Compaction	8/9/2023	146	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	36				
32/Y17	7/31/2023	900	Moisture Condition, Soil/Dirt Compaction	8/9/2023	289	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	11				

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
32/Y18	7/31/2023	500	Moisture Condition, Soil/Dirt Compaction	8/9/2023	301	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	15				
53/Y31	7/31/2023	1,000	Moisture Condition, Soil/Dirt Compaction	8/9/2023	410	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	19				
81/Y32	7/31/2023	900	Moisture Condition, Soil/Dirt Compaction	8/9/2023	341	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	38				
53/Y33	7/31/2023	1,100	Moisture Condition, Soil/Dirt Compaction	8/9/2023	58	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	16				
81/Y34	7/31/2023	1,000	Moisture Condition, Soil/Dirt Compaction	8/9/2023	79	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	9				
59/Y35	7/31/2023	1,300	Moisture Condition, Soil/Dirt Compaction	8/9/2023	201	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	7				
32/Y36	7/31/2023	550	Moisture Condition, Soil/Dirt Compaction	8/9/2023	236	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	31				
152/Y21	7/31/2023	600	Moisture Condition, Soil/Dirt Compaction	8/9/2023	294	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	29				
152/Y22	7/31/2023	1,200	Moisture Condition, Soil/Dirt Compaction	8/9/2023	110	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	111				
149/Y23	7/31/2023	2,100	Moisture Condition, Soil/Dirt Compaction	8/9/2023	214	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	50				
149/Y24	7/31/2023	600	Moisture Condition, Soil/Dirt Compaction	8/9/2023	310	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	24				
149/Y25	7/31/2023	3,000	Moisture Condition, Soil/Dirt Compaction	8/9/2023	137	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	8				
83/Y26	7/31/2023	3,000	Moisture Condition, Soil/Dirt Compaction	8/9/2023	219	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	123				
169/Y1	7/31/2023	2,021	Moisture Condition, Soil/Dirt Compaction	8/9/2023	240	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	73				
170/Y2	7/31/2023	506	Moisture Condition, Soil/Dirt Compaction	8/9/2023	91	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	33				
170/Y3	7/31/2023	526	Moisture Condition, Soil/Dirt Compaction	8/9/2023	99	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	27				
170/Y3	7/31/2023	622	Moisture Condition, Soil/Dirt Compaction	8/9/2023	52	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	16				
166/Y4	7/31/2023	543	Moisture Condition, Soil/Dirt Compaction	8/9/2023	78	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	22				
166/Y5	7/31/2023	528	Moisture Condition, Soil/Dirt Compaction	8/9/2023	81	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	52				
166/Y6	7/31/2023	508	Moisture Condition, Soil/Dirt Compaction	8/9/2023	29	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	36				
166/Y7	7/31/2023	9,003	Moisture Condition, Soil/Dirt Compaction	8/9/2023	434	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	12				
159/Y9	7/31/2023	5,000	Moisture Condition, Soil/Dirt Compaction	8/9/2023	276	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	11				
154/Y10	7/31/2023	9,453	Moisture Condition, Soil/Dirt Compaction	8/9/2023	304	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	27				
153/Y41	7/31/2023	1,353	Moisture Condition, Soil/Dirt Compaction	8/9/2023	125	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	8/29/2023	103				
150/Y1	8/31/2023	560	Moisture Condition, Soil/Dirt Compaction	9/8/2023	210	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	3.5				
150/Y2	8/31/2023	1,200	Moisture Condition, Soil/Dirt Compaction	9/8/2023	72	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	21.5				
177/Y3	8/31/2023	700	Moisture Condition, Soil/Dirt Compaction	9/8/2023	147	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	17.5				
176/Y44	8/31/2023	525	Moisture Condition, Soil/Dirt Compaction	9/8/2023	52	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	70.3				
189/Y5	8/31/2023	1,200	Moisture Condition, Soil/Dirt Compaction	9/8/2023	166	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	85.2				
205/Y6	8/31/2023	780	Moisture Condition, Soil/Dirt Compaction	9/8/2023	210	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	94.5				
205/Y7	8/31/2023	1,500	Moisture Condition, Soil/Dirt Compaction	9/8/2023	466	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	27.1				
206/Y11	8/31/2023	600	Moisture Condition, Soil/Dirt Compaction	9/8/2023	429	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	89.7				
206/Y12	8/31/2023	900	Moisture Condition, Soil/Dirt Compaction	9/8/2023	160	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	107.0				
82/Y21	8/31/2023	900	Moisture Condition, Soil/Dirt Compaction	9/8/2023	241	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	244.0				
81/Y22	8/31/2023	900	Moisture Condition, Soil/Dirt Compaction	9/8/2023	408	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	361.0				
149/Y23	8/31/2023	1,300	Moisture Condition, Soil/Dirt Compaction	9/8/2023	282	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	372.0				
149/Y24	8/31/2023	1,800	Moisture Condition, Soil/Dirt Compaction	9/8/2023	102	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	157.0				
149/Y25	8/31/2023	1,700	Moisture Condition, Soil/Dirt Compaction	9/8/2023	447	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	237.0				
154/Y26	8/31/2023	5,500	Moisture Condition, Soil/Dirt Compaction	9/8/2023	498	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	51.3				
155/Y27	8/31/2023	900	Moisture Condition, Soil/Dirt Compaction	9/8/2023	209	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	71.5				
154/Y28	8/31/2023	4,000	Moisture Condition, Soil/Dirt Compaction	9/8/2023	13	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	375.0				
154/Y29	8/31/2023	6,000	Moisture Condition, Soil/Dirt Compaction	9/8/2023	491	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	118.0				
159/Y30	8/31/2023	4,000	Moisture Condition, Soil/Dirt Compaction	9/8/2023	387	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	220.0				
83/Y31	8/31/2023	845	Moisture Condition, Soil/Dirt Compaction	9/8/2023	488	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	435.0				
84/Y32	8/31/2023	960	Moisture Condition, Soil/Dirt Compaction	9/8/2023	20	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	353.0				
90/Y33	8/31/2023	2,280	Moisture Condition, Soil/Dirt Compaction	9/8/2023	420	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	168.0				
90/Y34	8/31/2023	1,100	Moisture Condition, Soil/Dirt Compaction	9/8/2023	497	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	168.0				
161/Y35	8/31/2023	945	Moisture Condition, Soil/Dirt Compaction	9/8/2023	250	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	111.0				
161/Y36	8/31/2023	860	Moisture Condition, Soil/Dirt Compaction	9/8/2023	377	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	95.7				
163/Y37	8/31/2023	2,800	Moisture Condition, Soil/Dirt Compaction	9/8/2023	411	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	13.8				
166/Y38	8/31/2023	1,800	Moisture Condition, Soil/Dirt Compaction	9/8/2023	35	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	6.4				
166/Y39	8/31/2023	8,700	Moisture Condition, Soil/Dirt Compaction	9/8/2023	437	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	4.3				
166/Y40	8/31/2023	5,800	Moisture Condition, Soil/Dirt Compaction	9/8/2023	489	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	9/25/2023	246.0				
201/Y81	9/13/2023	1,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	103.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	259.0				
202/Y82	9/13/2023	800	Moisture Condition, Soil/Dirt Compaction	9/22/2023	16.53	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	102.0				
201/Y83	9/13/2023	1,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	29.13	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	58.0				
205/Y84	9/13/2023	900	Moisture Condition, Soil/Dirt Compaction	9/22/2023	50.81	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	1,134.0				
206/Y85	9/13/2023	1,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	38.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	473.0				
173/Y61	9/13/2023	1,700	Moisture Condition, Soil/Dirt Compaction	9/22/2023	23.32	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	388.0				
170/Y62	9/13/2023	1,100	Moisture Condition, Soil/Dirt Compaction	9/22/2023	51.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	45.0				
158/Y63	9/13/2023	1,400	Moisture Condition, Soil/Dirt Compaction	9/22/2023	5.19	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	131.0				
149/Y64	9/13/2023	1,500	Moisture Condition, Soil/Dirt Compaction	9/22/2023	58.60	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	483.0				
149/Y65	9/13/2023	1,300	Moisture Condition, Soil/Dirt Compaction	9/22/2023	234.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	270.0				
149/Y66	9/13/2023	1,600	Moisture Condition, Soil/Dirt Compaction	9/22/2023	109.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	248.0				
156/Y41	9/13/2023	720	Moisture Condition, Soil/Dirt Compaction	9/22/2023	15.72	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	94.0				
172/Y42	9/13/2023	1,200	Moisture Condition, Soil/Dirt Compaction	9/22/2023	21.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	1,397.0				
175/Y43	9/13/2023	510	Moisture Condition, Soil/Dirt Compaction	9/22/2023	335.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	69.0				
175/Y44	9/13/2023	628	Moisture Condition, Soil/Dirt Compaction	9/22/2023	53.84	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	80.0				
181/Y45	9/13/2023	520	Moisture Condition, Soil/Dirt Compaction	9/22/2023	75.43	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	126.0				
181/Y46	9/13/2023	640	Moisture Condition, Soil/Dirt Compaction	9/22/2023	151.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	138.0				

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
181/Y47	9/13/2023	1,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	255.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	413.0				
181/Y48	9/13/2023	1,300	Moisture Condition, Soil/Dirt Compaction	9/22/2023	33.41	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	353.0				
176/Y49	9/13/2023	1,400	Moisture Condition, Soil/Dirt Compaction	9/22/2023	51.32	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	273.0				
176/Y50	9/13/2023	635	Moisture Condition, Soil/Dirt Compaction	9/22/2023	101.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	89.0				
178/Y51	9/13/2023	1,100	Moisture Condition, Soil/Dirt Compaction	9/22/2023	217.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	73.0				
184/Y21	9/13/2023	2,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	275.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	728.0				
150/Y22	9/13/2023	1,500	Moisture Condition, Soil/Dirt Compaction	9/22/2023	21.23	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	78.0				
150/Y23	9/13/2023	2,100	Moisture Condition, Soil/Dirt Compaction	9/22/2023	35.72	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	51.0				
145/Y24	9/13/2023	1,800	Moisture Condition, Soil/Dirt Compaction	9/22/2023	4.17	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	194.0				
77/Y25	9/13/2023	900	Moisture Condition, Soil/Dirt Compaction	9/22/2023	18.03	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	206.0				
78/Y26	9/13/2023	2,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	144.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	1,053.0				
78/Y27	9/13/2023	2,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	73.63	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	431.0				
146/Y28	9/13/2023	1,200	Moisture Condition, Soil/Dirt Compaction	9/22/2023	19.81	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	455.0				
191/Y1	9/13/2023	1,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	31.05	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	239.0				
191/Y2	9/13/2023	1,200	Moisture Condition, Soil/Dirt Compaction	9/22/2023	125.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	171.0				
192/Y3	9/13/2023	800	Moisture Condition, Soil/Dirt Compaction	9/22/2023	243.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	38.0				
193/Y4	9/13/2023	2,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	267.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	83.0				
193/Y5	9/13/2023	800	Moisture Condition, Soil/Dirt Compaction	9/22/2023	147.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	176.0				
187/Y6	9/13/2023	2,000	Moisture Condition, Soil/Dirt Compaction	9/22/2023	246.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	208.0				
153/Y67	9/13/2023	500	Moisture Condition, Soil/Dirt Compaction	9/22/2023	154.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/11/2023	156.0				
191/Y81	9/27/2023	1,500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	572.00		10/13/2023	22.91							
189/Y82	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	96.29	NA	NA	NA							
189/Y83	9/27/2023	2,900	Moisture Condition, Soil/Dirt Compaction	10/6/2023	844.00	NA	10/13/2023	22.5							
181/Y84	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	50.12	NA	NA	NA							
201/Y85	9/27/2023	1,800	Moisture Condition, Soil/Dirt Compaction	10/6/2023	239.00	NA	NA	NA							
201/Y86	9/27/2023	800	Moisture Condition, Soil/Dirt Compaction	10/6/2023	74.16	NA	NA	NA							
203/Y87	9/27/2023	1,132	Moisture Condition, Soil/Dirt Compaction	10/6/2023	680.00	NA	10/13/2023	23.12							
205/Y88	9/27/2023	8,900	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,322.00	NA	10/13/2023	24.75							
206/Y89	9/27/2023	1,730	Moisture Condition, Soil/Dirt Compaction	10/6/2023	2,159.00	NA	10/13/2023	23.52							
185/Y61	9/27/2023	835	Moisture Condition, Soil/Dirt Compaction	10/6/2023	126.00	NA	NA	NA							
177/Y62	9/27/2023	521	Moisture Condition, Soil/Dirt Compaction	10/6/2023	67.31	NA	NA	NA							
177/Y63	9/27/2023	615	Moisture Condition, Soil/Dirt Compaction	10/6/2023	104.00	NA	NA	NA							
171/Y64	9/27/2023	815	Moisture Condition, Soil/Dirt Compaction	10/6/2023	256.00	NA	NA	NA							
182/Y11	9/27/2023	2,000	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,631.00	NA	10/13/2023	15.86							
203/Y12	9/27/2023	2,500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,249.00	NA	10/13/2023	14.75							
159/Y01	9/27/2023	2,700	Moisture Condition, Soil/Dirt Compaction	10/6/2023	98.50	NA	NA	NA							
154/Y02	9/27/2023	1,128	Moisture Condition, Soil/Dirt Compaction	10/6/2023	75.06	NA	NA	NA							
152/Y03	9/27/2023	5,599	Moisture Condition, Soil/Dirt Compaction	10/6/2023	283.00	NA	NA	NA							
152/Y04	9/27/2023	1,200	Moisture Condition, Soil/Dirt Compaction	10/6/2023	20.23	NA	NA	NA							
170/Y41	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	966.00	NA	10/13/2023	15.42							
176/Y42	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	714.00	NA	10/13/2023	15.98							
183/Y43	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,008.00	NA	10/13/2023	18.18							
183/Y44	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	847.00	NA	10/13/2023	24.32							
173/Y45	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	680.00	NA	10/13/2023	23.5							
168/Y46	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,352.00	NA	10/13/2023	21.45							
166/Y71	9/27/2023	1,953	Moisture Condition, Soil/Dirt Compaction	10/6/2023	382.00	NA	NA	NA							
165/Y72	9/27/2023	2,615	Moisture Condition, Soil/Dirt Compaction	10/6/2023	460.00	NA	NA	NA							
154/Y73	9/27/2023	1,205	Moisture Condition, Soil/Dirt Compaction	10/6/2023	324.00	NA	NA	NA							
149/Y74	9/27/2023	8,500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,100.00	NA	10/13/2023	24.31							
149/Y75	9/27/2023	7,800	Moisture Condition, Soil/Dirt Compaction	10/6/2023	759.00	NA	10/13/2023	23.54							

Attachment D

Wellhead Temperature Data

Attachment D - Well Temperature Data
September 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWA001	A-01	9/1/2023 11:26:22 AM	90.5	90.6
CHIWA002	A-02	9/1/2023 11:34:18 AM	101.9	102.1
CHIWA002	A-02	9/11/2023 2:23:26 PM	103.6	103.7
CHIWA003	A-03	9/1/2023 11:41:16 AM	105.5	105.5
CHIWA004	A-04	9/1/2023 11:49:11 AM	96.8	96.8
CHIWA005	A-05	9/28/2023 7:44:07 AM	87.9	88.0
CHIWB001	B-01	9/28/2023 1:57:32 PM	94.9	94.5
CHIWB001	B-01	9/28/2023 2:00:00 PM	93.4	93.5
CHIWB02R	B-02R	9/6/2023 8:51:31 AM	73.0	73.0
CHIWB03R	B-03R	9/6/2023 8:57:16 AM	71.3	71.3
CHIWB005	B-05	9/6/2023 9:21:44 AM	81.6	81.6
CHIWB006	B-06	9/6/2023 9:15:56 AM	73.4	73.4
CHIWB07R	B-07R	9/6/2023 10:16:50 AM	92.2	92.2
CHIWB008	B-08	9/6/2023 9:12:46 AM	88.1	88.1
CHIWB009	B-09	9/6/2023 10:08:25 AM	85.5	87.8
CHIWB009	B-09	9/6/2023 10:11:33 AM	88.2	88.3
CHIWB010	B-10	9/6/2023 9:55:39 AM	82.3	83.4
CHIWB010	B-10	9/6/2023 10:02:23 AM	83.5	83.6
CHIWB011	B-11	9/6/2023 9:45:44 AM	92.1	93.7
CHIWB011	B-11	9/6/2023 9:48:50 AM	93.9	93.8
CHIWB012	B-12	9/6/2023 9:03:59 AM	83.5	83.6
CHIWB013	B-13	9/6/2023 10:24:12 AM	86.6	87.0
CHIWB013	B-13	9/20/2023 5:03:15 PM	84.7	84.8
CHIWB014	B-14	9/6/2023 9:34:20 AM	75.7	80.7
CHIWB014	B-14	9/6/2023 9:38:14 AM	82.1	82.3
CHIWC001	C-01	9/5/2023 8:54:21 AM	85.4	85.6
CHIWC003	C-03	9/11/2023 2:28:31 PM	112.2	112.5
CHIWC007	C-07	9/28/2023 2:58:46 PM	95.5	95.5
CHIWC008	C-08	9/1/2023 1:56:07 PM	109.9	110.3
CHIWC009	C-09	9/14/2023 5:55:31 PM	79.1	79.2
CHIWC010	C-10	9/11/2023 1:48:08 PM	107.3	107.4
CHIWC011	C-11	9/28/2023 5:39:25 PM	102.5	102.4
CHIWC012	C-12	9/11/2023 1:27:14 PM	107.7	111.0
CHIWC013	C-13	9/11/2023 1:06:31 PM	100.1	100.1
CHIWC013	C-13	9/11/2023 1:08:48 PM	100.1	100.1
CHIWC015	C-15	9/11/2023 1:18:48 PM	105.9	106.1
CHIWC016	C-16	9/11/2023 12:54:15 PM	100.7	100.8
CHIWC17A	C-17A	9/1/2023 11:54:35 AM	105.7	105.4
CHIWC17B	C-17B	9/1/2023 11:57:38 AM	109.5	109.4
CHIWC018	C-18	9/1/2023 11:31:59 AM	106.0	107.0
CHIWC019	C-19	9/1/2023 11:45:27 AM	103.6	103.7
CHIWC020	C-20	9/1/2023 11:41:42 AM	104.1	105.4
CHIWC023	C-23	9/15/2023 2:04:36 PM	113.2	113.2
CHIWC024	C-24	9/1/2023 11:49:26 AM	112.4	113.4
CHIWC025	C-25	9/6/2023 11:48:07 AM	116.9	116.9

Attachment D - Well Temperature Data
September 2023

CHIWC026	C-26	9/11/2023 12:58:50 PM	109.9	110.9
CHIWC028	C-28	9/11/2023 1:33:34 PM	111.6	111.7
CHIWC029	C-29	9/11/2023 1:45:03 PM	119.4	119.4
CHIWC030	C-30	9/28/2023 8:24:57 AM	69.3	69.9
CHIWCV02	CV-02	9/6/2023 10:25:09 AM	116.1	116.1
CHIWCV03	CV-03	9/28/2023 8:01:45 AM	120.9	120.8
CHIWCV04	CV-04	9/28/2023 8:06:49 AM	113.7	113.5
CHIWCV05	CV-05	9/1/2023 2:05:30 PM	104.9	104.9
CHIWCV06	CV-06	9/25/2023 2:53:40 PM	94.0	93.9
CHIWCV07	CV-07	9/25/2023 2:58:45 PM	91.3	91.4
CHIWCV07	CV-07	9/25/2023 3:00:13 PM	90.7	90.5
CHIWCV08	CV-08	9/25/2023 3:06:21 PM	122.5	122.5
CHIWCV09	CV-09	9/28/2023 1:06:47 PM	123.2	123.2
CHWCV100	CV-100	9/23/2023 7:54:55 AM	115.0	115.0
CHWCV103	CV-103	9/23/2023 8:46:56 AM	101.0	101.0
CV108-52	CV-108-52	9/27/2023 11:01:08 AM	126.3	126.3
CHIWCV11	CV-11	9/25/2023 8:43:33 AM	82.8	80.6
CHWCV113	CV-113	9/6/2023 11:08:39 AM	78.8	80.1
CHWCV113	CV-113	9/6/2023 11:12:44 AM	83.5	83.5
CHWCV114	CV-114	9/28/2023 4:48:28 PM	125.5	125.2
CHWCV114	CV-114	9/28/2023 5:49:18 PM	125.0	124.9
CHCV1418	CV-1418	9/28/2023 12:01:32 PM	111.0	111.0
CHCV1418	CV-1418	9/28/2023 12:04:32 PM	111.0	111.0
CHCV1420	CV-1420	9/7/2023 1:21:40 PM	113.8	113.9
CHCV1421	CV-1421	9/26/2023 10:04:39 AM	89.3	89.2
CHCV1422	CV-1422	9/26/2023 8:15:29 AM	94.4	94.4
CHCV1423	CV-1423	9/18/2023 10:48:46 AM	128.3	128.3
CHCV1424	CV-1424	9/14/2023 3:01:01 PM	116.7	116.4
CHCV1425	CV-1425	9/25/2023 11:17:02 AM	94.5	94.5
CHCV1426	CV-1426	9/26/2023 9:08:12 AM	100.4	100.4
CHCV1532	CV-1532	9/5/2023 11:36:05 AM	144.5	144.5
CHCV1532	CV-1532	9/5/2023 11:37:37 AM	144.5	144.5
CHCV1532	CV-1532	9/12/2023 2:45:33 PM	145.2	145.2
CHCV1532	CV-1532	9/15/2023 5:22:14 PM	143.4	143.4
CHCV1532	CV-1532	9/19/2023 2:19:57 PM	143.8	143.8
CHCV1534	CV-1534	9/27/2023 10:25:05 AM	108.9	108.3
CCV1534A	CV-1534A	9/29/2023 6:06:39 PM	191.3	191.3
CCV1534A	CV-1534A	9/29/2023 6:08:46 PM	192.0	191.8
CHCV1535	CV-1535	9/23/2023 4:47:50 PM	128.0	128.0
CCV1601D	CV-1601D	9/14/2023 1:15:11 PM	105.3	105.2
CCV1601S	CV-1601S	9/14/2023 1:04:06 PM	105.7	105.9
CHCV1603	CV-1603	9/28/2023 6:45:56 PM	112.0	111.4
CHCV1604	CV-1604	9/25/2023 9:39:43 AM	122.7	122.3
CHCV1605	CV-1605	9/25/2023 10:19:15 AM	91.7	91.7
CHCV1605	CV-1605	9/25/2023 10:27:40 AM	91.0	91.0
CHCV1606	CV-1606	9/25/2023 8:59:40 AM	111.0	111.0
CHCV1607	CV-1607	9/23/2023 4:28:38 PM	118.8	118.8

Attachment D - Well Temperature Data
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CCV1701D	CV-1701D	9/6/2023 4:07:33 PM	129.4	130.6
CCV1701S	CV-1701S	9/6/2023 4:02:08 PM	142.6	141.7
CCV1701S	CV-1701S	9/6/2023 4:04:14 PM	141.1	140.9
CHCV1703	CV-1703	9/13/2023 4:23:48 PM	129.4	126.8
CHCV1901	CV-1901	9/8/2023 5:08:40 PM	122.1	122.0
CCV1902D	CV-1902D	9/5/2023 10:34:43 AM	191.0	191.0
CCV1902D	CV-1902D	9/12/2023 10:32:21 AM	182.1	182.1
CCV1902D	CV-1902D	9/19/2023 11:56:42 AM	184.0	183.8
CCV1902D	CV-1902D	9/26/2023 12:05:42 PM	192.3	192.3
CCV1902S	CV-1902S	9/5/2023 10:39:06 AM	155.3	155.3
CCV1902S	CV-1902S	9/12/2023 10:40:22 AM	156.3	156.3
CCV1902S	CV-1902S	9/19/2023 11:43:58 AM	153.3	153.3
CCV1902S	CV-1902S	9/26/2023 12:13:30 PM	177.6	177.8
CHCV1903	CV-1903	9/6/2023 11:15:03 AM	118.3	117.9
CHCV1905	CV-1905	9/25/2023 10:21:12 AM	106.7	106.5
CHCV1906	CV-1906	9/16/2023 11:11:21 AM	70.3	70.4
CHCV1907	CV-1907	9/14/2023 1:30:08 PM	109.3	108.2
CHCV2001	CV-2001	9/27/2023 10:02:04 AM	97.5	97.5
CHCV2002	CV-2002	9/25/2023 2:09:00 PM	131.3	131.0
CHCV2002	CV-2002	9/25/2023 2:11:19 PM	129.4	129.3
CHCV2002	CV-2002	9/27/2023 10:07:31 AM	126.8	126.9
CHCV2003	CV-2003	9/5/2023 11:14:47 AM	170.7	170.7
CHCV2003	CV-2003	9/12/2023 2:27:06 PM	171.2	171.2
CHCV2003	CV-2003	9/19/2023 2:04:31 PM	175.0	175.0
CHCV2003	CV-2003	9/26/2023 3:56:24 PM	170.5	170.5
CHCV2003	CV-2003	9/27/2023 11:11:06 AM	170.3	170.3
CHCV2003	CV-2003	9/27/2023 11:14:45 AM	170.1	170.1
CHCV2004	CV-2004	9/5/2023 11:46:56 AM	193.5	193.5
CHCV2004	CV-2004	9/12/2023 4:33:43 PM	187.0	187.0
CHCV2004	CV-2004	9/19/2023 2:27:09 PM	187.9	188.1
CHCV2004	CV-2004	9/26/2023 2:56:09 PM	192.3	192.3
CHCV2006	CV-2006	9/23/2023 4:16:20 PM	139.5	139.5
CHCV2006	CV-2006	9/27/2023 4:36:34 PM	141.1	141.2
CHCV2007	CV-2007	9/18/2023 10:41:37 AM	121.8	121.7
CHCV2008	CV-2008	9/18/2023 11:03:45 AM	123.0	123.0
CHCV2009	CV-2009	9/11/2023 2:56:45 PM	126.4	126.4
CHCV2009	CV-2009	9/18/2023 11:23:37 AM	126.2	126.1
CCV2009A	CV-2009A	9/5/2023 2:00:14 PM	119.3	119.6
CCV2009A	CV-2009A	9/21/2023 3:01:20 PM	117.9	118.5
CCV2009A	CV-2009A	9/21/2023 3:06:26 PM	118.3	118.0
CCV2009A	CV-2009A	9/22/2023 2:08:46 PM	119.3	119.4
CHCV2010	CV-2010	9/6/2023 3:54:09 PM	130.9	125.2
CCV2010A	CV-2010A	9/6/2023 11:52:28 AM	128.7	128.6
CHCV2011	CV-2011	9/26/2023 4:31:37 PM	122.4	122.4
CCV2011A	CV-2011A	9/5/2023 3:12:20 PM	144.9	144.9
CCV2011A	CV-2011A	9/14/2023 12:46:19 PM	143.5	143.5
CHCV2012	CV-2012	9/13/2023 3:53:29 PM	134.1	133.4

Attachment D - Well Temperature Data
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CHCV2201	CV-2201	9/14/2023 10:05:02 AM	195.1	195.1
CHCV2201	CV-2201	9/19/2023 5:10:22 PM	193.0	193.0
CHCV2201	CV-2201	9/26/2023 5:41:36 PM	195.4	195.4
CHCV2202	CV-2202	9/7/2023 3:30:06 PM	191.0	191.0
CHCV2202	CV-2202	9/14/2023 11:07:59 AM	192.3	192.3
CHCV2202	CV-2202	9/19/2023 5:55:21 PM	191.3	191.3
CHCV2202	CV-2202	9/26/2023 7:21:36 PM	192.1	192.1
CHCV2203	CV-2203	9/7/2023 3:19:25 PM	158.5	158.7
CHCV2203	CV-2203	9/14/2023 10:23:46 AM	158.4	158.7
CHCV2203	CV-2203	9/19/2023 5:34:30 PM	158.7	158.7
CHCV2203	CV-2203	9/26/2023 6:15:20 PM	160.0	159.8
CHCV2204	CV-2204	9/5/2023 1:54:14 PM	173.2	173.2
CHCV2204	CV-2204	9/13/2023 8:05:42 AM	171.0	171.0
CHCV2204	CV-2204	9/19/2023 3:36:40 PM	174.8	174.6
CHCV2204	CV-2204	9/26/2023 5:00:13 PM	180.2	180.2
CHCV2205	CV-2205	9/23/2023 11:41:05 AM	120.1	120.3
CHCV2206	CV-2206	9/5/2023 2:03:51 PM	176.1	176.1
CHCV2206	CV-2206	9/8/2023 1:32:06 PM	176.9	176.9
CHCV2206	CV-2206	9/19/2023 4:31:26 PM	179.4	179.4
CHCV2206	CV-2206	9/26/2023 5:18:52 PM	181.9	181.9
CHCV2207	CV-2207	9/26/2023 8:21:01 AM	119.6	119.7
CCV2208A	CV-2208A	9/11/2023 10:33:38 AM	132.1	133.9
CCV2208A	CV-2208A	9/14/2023 2:05:46 PM	130.5	131.3
CCV2208A	CV-2208A	9/14/2023 2:08:13 PM	131.2	131.1
CCV2208A	CV-2208A	9/18/2023 10:28:34 AM	126.8	127.7
CCV2208A	CV-2208A	9/18/2023 10:31:52 AM	127.8	127.7
CCV2208A	CV-2208A	9/22/2023 3:01:33 PM	136.2	133.4
CCV2208A	CV-2208A	9/22/2023 3:05:14 PM	132.8	132.8
CHCV2301	CV-2301	9/5/2023 12:52:00 PM	135.7	135.6
CHCV2301	CV-2301	9/8/2023 1:55:16 PM	137.8	137.5
CHCV2301	CV-2301	9/18/2023 3:26:43 PM	141.6	143.1
CHCV2301	CV-2301	9/19/2023 1:28:24 PM	136.0	135.9
CHCV2301	CV-2301	9/25/2023 5:17:40 PM	137.1	137.2
CHCV2302	CV-2302	9/18/2023 4:17:15 PM	172.8	172.6
CHCV2302	CV-2302	9/19/2023 1:22:08 PM	151.7	151.7
CHCV2302	CV-2302	9/20/2023 8:17:05 AM	162.3	162.3
CHCV2302	CV-2302	9/25/2023 5:09:56 PM	153.4	153.4
CHCV2302	CV-2302	9/27/2023 8:44:31 AM	150.3	150.1
CHCV2303	CV-2303	9/5/2023 1:24:25 PM	110.1	109.2
CHCV2303	CV-2303	9/8/2023 5:22:08 PM	108.3	108.4
CHCV2303	CV-2303	9/25/2023 7:00:49 PM	86.9	92.3
CHCV2303	CV-2303	9/25/2023 7:03:37 PM	97.3	97.4
CHCV2304	CV-2304	9/5/2023 12:57:05 PM	140.4	140.9
CHCV2304	CV-2304	9/8/2023 1:47:42 PM	151.4	151.3
CHCV2304	CV-2304	9/14/2023 5:14:28 PM	162.3	162.2
CHCV2304	CV-2304	9/19/2023 5:46:54 PM	155.1	155.0
CHCV2304	CV-2304	9/27/2023 9:35:37 AM	162.3	162.3

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CHCV2305	CV-2305	9/5/2023 1:36:14 PM	125.3	125.8
CHCV2305	CV-2305	9/15/2023 11:24:12 AM	124.5	124.5
CHCV2305	CV-2305	9/21/2023 3:48:08 PM	123.5	123.5
CHCV2306	CV-2306	9/12/2023 9:17:46 AM	132.3	168.6
CHCV2306	CV-2306	9/12/2023 9:21:38 AM	169.8	169.6
CHCV2306	CV-2306	9/12/2023 1:36:47 PM	144.8	144.7
CHCV2306	CV-2306	9/13/2023 7:05:40 PM	80.9	175.7
CHCV2306	CV-2306	9/13/2023 7:08:31 PM	176.1	176.1
CHCV2306	CV-2306	9/14/2023 11:54:45 AM	174.2	174.6
CHCV2306	CV-2306	9/14/2023 2:14:58 PM	175.7	175.7
CHCV2306	CV-2306	9/15/2023 3:38:37 PM	175.7	176.3
CHCV2306	CV-2306	9/19/2023 4:03:25 PM	176.7	176.9
CHCV2306	CV-2306	9/25/2023 4:25:19 PM	176.7	177.6
CHCV2306	CV-2306	9/26/2023 5:10:05 PM	178.4	178.8
CHCV2308	CV-2308	9/6/2023 4:50:09 PM	178.4	178.4
CHCV2308	CV-2308	9/13/2023 8:22:03 AM	178.6	178.8
CHCV2308	CV-2308	9/19/2023 4:50:23 PM	178.8	178.8
CHCV2308	CV-2308	9/26/2023 5:25:05 PM	185.6	185.6
CHCV2310	CV-2310	9/5/2023 1:14:51 PM	152.7	154.7
CHCV2310	CV-2310	9/8/2023 1:42:24 PM	156.7	156.6
CHCV2310	CV-2310	9/19/2023 5:23:13 PM	163.2	163.2
CHCV2310	CV-2310	9/25/2023 6:53:18 PM	165.7	165.9
CHCV2310	CV-2310	9/26/2023 5:54:27 PM	168.8	168.6
CHCV2311	CV-2311	9/5/2023 1:39:50 PM	112.5	112.4
CHCV2311	CV-2311	9/8/2023 5:36:10 PM	115.6	115.8
CHCV2311	CV-2311	9/12/2023 9:02:09 AM	115.8	115.6
CHCV2311	CV-2311	9/25/2023 7:23:18 PM	124.5	126.8
CHCV2311	CV-2311	9/25/2023 7:29:43 PM	126.8	126.8
CHCV2312	CV-2312	9/5/2023 2:11:23 PM	144.9	145.5
CHCV2312	CV-2312	9/5/2023 2:16:00 PM	145.7	145.7
CHCV2312	CV-2312	9/8/2023 2:51:58 PM	145.8	145.8
CHCV2312	CV-2312	9/8/2023 3:00:15 PM	145.4	144.9
CHCV2312	CV-2312	9/12/2023 3:07:33 PM	144.0	143.9
CHCV2312	CV-2312	9/19/2023 2:01:19 PM	144.3	144.8
CHCV2312	CV-2312	9/19/2023 2:03:49 PM	144.9	144.9
CHCV2312	CV-2312	9/19/2023 6:17:06 PM	144.5	144.5
CHCV2312	CV-2312	9/20/2023 3:42:50 PM	142.7	142.6
CHCV2312	CV-2312	9/21/2023 4:15:55 PM	144.4	144.4
CHCV2312	CV-2312	9/21/2023 4:18:01 PM	144.4	144.4
CHCV2312	CV-2312	9/22/2023 2:30:41 PM	143.0	143.0
CHCV2314	CV-2314	9/5/2023 1:50:32 PM	125.8	125.8
CHCV2314	CV-2314	9/8/2023 3:16:00 PM	124.9	124.9
CHCV2314	CV-2314	9/21/2023 4:04:55 PM	121.0	121.0
CHCV2314	CV-2314	9/26/2023 3:38:58 PM	120.5	121.0
CHCV2315	CV-2315	9/8/2023 2:24:09 PM	103.9	103.9
CHCV2315	CV-2315	9/8/2023 2:31:54 PM	103.9	104.4
CHCV2315	CV-2315	9/12/2023 1:49:15 PM	110.6	111.7

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CHCV2315	CV-2315	9/14/2023 2:43:57 PM	118.1	118.1
CHCV2315	CV-2315	9/14/2023 2:46:45 PM	118.3	118.3
CHCV2315	CV-2315	9/19/2023 2:10:20 PM	116.4	116.0
CHCV2315	CV-2315	9/19/2023 2:13:28 PM	116.0	116.0
CHCV2315	CV-2315	9/25/2023 4:32:41 PM	108.3	108.7
CHCV2316	CV-2316	9/5/2023 1:15:39 PM	139.1	139.2
CHCV2316	CV-2316	9/21/2023 2:45:29 PM	137.6	136.8
CHCV2319	CV-2319	9/5/2023 1:27:34 PM	132.3	133.2
CHCV2319	CV-2319	9/21/2023 3:23:49 PM	132.4	132.3
CHCV2319	CV-2319	9/22/2023 2:15:23 PM	132.8	132.8
CHCV2319	CV-2319	9/22/2023 2:18:11 PM	132.7	132.7
CHCV2319	CV-2319	9/26/2023 9:43:59 AM	135.1	135.3
CHCV2319	CV-2319	9/26/2023 9:47:28 AM	135.3	135.3
CHCV2321	CV-2321	9/26/2023 8:50:57 AM	119.3	119.3
CHCV2322	CV-2322	9/12/2023 1:58:53 PM	141.5	137.2
CHCV2322	CV-2322	9/14/2023 3:02:02 PM	161.1	164.0
CHCV2322	CV-2322	9/19/2023 2:22:58 PM	163.4	162.5
CHCV2322	CV-2322	9/25/2023 4:40:06 PM	160.8	159.7
CHCV2322	CV-2322	9/27/2023 9:16:09 AM	166.0	166.5
CHCV2324	CV-2324	9/23/2023 11:24:43 AM	115.1	115.2
CHCV2326	CV-2326	9/5/2023 1:32:48 PM	111.1	107.8
CHCV2326	CV-2326	9/8/2023 5:28:14 PM	106.7	107.4
CHCV2326	CV-2326	9/12/2023 8:48:49 AM	108.0	108.0
CHCV2326	CV-2326	9/22/2023 4:49:31 PM	87.4	101.4
CHCV2326	CV-2326	9/22/2023 4:56:02 PM	109.5	107.4
CHCV2326	CV-2326	9/25/2023 7:13:03 PM	103.7	103.8
CHCV2327	CV-2327	9/14/2023 4:32:07 PM	149.8	149.6
CHCV2327	CV-2327	9/14/2023 4:34:00 PM	149.6	149.8
CHCV2327	CV-2327	9/15/2023 3:45:42 PM	156.6	156.5
CHCV2327	CV-2327	9/15/2023 3:47:40 PM	156.5	156.6
CHCV2327	CV-2327	9/15/2023 3:53:35 PM	127.8	127.7
CHCV2327	CV-2327	9/18/2023 3:15:33 PM	174.6	175.3
CHCV2327	CV-2327	9/18/2023 5:09:18 PM	158.4	158.5
CHCV2327	CV-2327	9/19/2023 2:29:41 PM	158.5	158.5
CHCV2327	CV-2327	9/19/2023 2:32:31 PM	158.4	158.4
CHCV2327	CV-2327	9/25/2023 4:53:22 PM	155.8	156.2
CHCV2327	CV-2327	9/27/2023 8:59:33 AM	156.5	156.3
CHCV2328	CV-2328	9/14/2023 4:40:46 PM	125.2	125.3
CHCV2328	CV-2328	9/18/2023 4:59:05 PM	127.8	127.6
CHCV2328	CV-2328	9/19/2023 2:38:31 PM	125.3	125.3
CHCV2328	CV-2328	9/20/2023 3:56:08 PM	121.5	120.9
CHCV2328	CV-2328	9/21/2023 2:51:22 PM	120.0	120.0
CHCV2328	CV-2328	9/21/2023 2:59:51 PM	120.0	119.7
CHCV2328	CV-2328	9/22/2023 3:33:58 PM	130.2	128.3
CHCV2328	CV-2328	9/23/2023 10:39:58 AM	132.4	130.0
CHCV2328	CV-2328	9/23/2023 10:41:54 AM	129.7	129.8
CHCV2328	CV-2328	9/25/2023 4:59:52 PM	119.8	120.7

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CHCV2328	CV-2328	9/27/2023 2:13:06 PM	123.9	123.7
CHCV2328	CV-2328	9/27/2023 2:21:31 PM	123.4	123.4
CHCV2333	CV-2333	9/14/2023 2:32:02 PM	130.0	130.0
CHCV2333	CV-2333	9/14/2023 2:36:00 PM	129.8	129.9
CHCV2333	CV-2333	9/14/2023 5:31:26 PM	129.4	129.4
CHCV2333	CV-2333	9/15/2023 3:03:13 PM	130.8	130.6
CHCV2333	CV-2333	9/18/2023 2:43:19 PM	131.1	131.1
CHCV2333	CV-2333	9/20/2023 4:14:59 PM	130.5	130.5
CHCV2333	CV-2333	9/25/2023 4:13:11 PM	133.7	133.7
CHCV2333	CV-2333	9/25/2023 4:17:44 PM	133.8	133.7
CHCV2334	CV-2334	9/14/2023 2:22:11 PM	116.7	116.2
CHCV2334	CV-2334	9/14/2023 2:29:15 PM	115.4	115.5
CHCV2334	CV-2334	9/14/2023 5:25:40 PM	116.1	116.1
CHCV2334	CV-2334	9/15/2023 2:56:24 PM	121.7	121.7
CHCV2334	CV-2334	9/18/2023 2:34:55 PM	126.1	126.0
CHCV2334	CV-2334	9/20/2023 4:07:56 PM	127.9	127.9
CHCV2334	CV-2334	9/25/2023 4:01:18 PM	130.3	129.8
CHCV2335	CV-2335	9/21/2023 12:59:37 PM	82.6	85.5
CHCV2335	CV-2335	9/21/2023 2:20:52 PM	79.6	79.6
CHCV2335	CV-2335	9/21/2023 2:24:19 PM	79.6	79.6
CHCV2335	CV-2335	9/22/2023 4:45:58 PM	83.7	83.9
CHCV2335	CV-2335	9/23/2023 5:49:52 PM	91.7	91.3
CHCV2335	CV-2335	9/25/2023 6:12:44 PM	98.7	99.0
CHCV2335	CV-2335	9/27/2023 10:25:54 AM	109.7	109.6
CHCV2335	CV-2335	9/29/2023 5:40:30 PM	91.6	91.6
CHCV2336	CV-2336	9/21/2023 1:21:46 PM	108.4	104.5
CHCV2336	CV-2336	9/21/2023 2:35:37 PM	89.3	90.1
CHCV2336	CV-2336	9/22/2023 4:37:00 PM	92.7	92.8
CHCV2336	CV-2336	9/23/2023 5:56:12 PM	100.4	100.4
CHCV2336	CV-2336	9/25/2023 6:07:50 PM	103.4	103.4
CHCV2336	CV-2336	9/27/2023 10:37:02 AM	99.0	99.8
CHCV2336	CV-2336	9/27/2023 10:43:38 AM	113.5	113.6
CHCV2336	CV-2336	9/27/2023 4:24:59 PM	116.1	116.1
CHCV2336	CV-2336	9/28/2023 9:37:59 AM	115.5	115.6
CHCV2336	CV-2336	9/28/2023 1:51:21 PM	116.9	119.8
CHCV2336	CV-2336	9/28/2023 6:01:03 PM	117.3	117.3
CHCV2336	CV-2336	9/29/2023 5:47:41 PM	115.8	115.8
CHCV2337	CV-2337	9/23/2023 4:22:45 PM	111.6	110.7
CHCV2337	CV-2337	9/23/2023 6:09:41 PM	110.1	109.9
CHCV2337	CV-2337	9/25/2023 6:02:13 PM	121.3	121.1
CHCV2337	CV-2337	9/27/2023 10:53:21 AM	129.1	129.1
CHCV2337	CV-2337	9/29/2023 6:19:30 PM	136.8	136.7
CHCV2337	CV-2337	9/29/2023 6:22:55 PM	136.7	136.8
CHCV2339	CV-2339	9/20/2023 3:18:24 PM	196.7	196.7
CHCV2339	CV-2339	9/20/2023 3:20:09 PM	196.4	195.9
CHCV2339	CV-2339	9/26/2023 1:59:31 PM	200.7	201.0
CHCV2340	CV-2340	9/18/2023 4:07:58 PM	85.4	85.4

Attachment D - Well Temperature Data
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CHCV2340	CV-2340	9/22/2023 4:12:40 PM	98.7	99.3
CHCV2340	CV-2340	9/22/2023 4:15:41 PM	96.4	97.2
CHCV2340	CV-2340	9/22/2023 4:21:04 PM	96.9	97.5
CHCV2341	CV-2341	9/18/2023 3:43:23 PM	143.9	144.5
CHCV2341	CV-2341	9/18/2023 3:47:36 PM	145.0	145.2
CHCV2341	CV-2341	9/19/2023 1:46:43 PM	140.6	140.6
CHCV2341	CV-2341	9/21/2023 3:28:55 PM	134.3	134.2
CHCV2341	CV-2341	9/22/2023 3:57:25 PM	125.7	126.2
CHCV2341	CV-2341	9/25/2023 5:33:19 PM	136.3	134.7
CHCV2341	CV-2341	9/25/2023 5:42:55 PM	131.9	131.9
CHCV2341	CV-2341	9/27/2023 10:00:39 AM	132.0	131.8
CHCV2346	CV-2346	9/27/2023 6:17:22 PM	121.4	121.5
CHCV2346	CV-2346	9/29/2023 5:36:02 PM	123.0	122.4
CHCV2348	CV-2348	9/20/2023 3:32:28 PM	109.7	108.9
CHCV2348	CV-2348	9/21/2023 3:09:16 PM	116.6	118.9
CHCV2348	CV-2348	9/21/2023 3:14:36 PM	119.1	121.4
CHCV2348	CV-2348	9/22/2023 3:41:29 PM	120.1	120.1
CHCV2348	CV-2348	9/25/2023 5:25:28 PM	121.4	121.5
CHCV2351	CV-2351	9/25/2023 6:33:51 PM	83.1	80.9
CHCV2351	CV-2351	9/25/2023 6:35:49 PM	82.4	82.4
CHCV2351	CV-2351	9/27/2023 4:39:27 PM	123.7	124.3
CHCV2353	CV-2353	9/27/2023 5:57:12 PM	157.0	157.4
CHCV2353	CV-2353	9/27/2023 5:59:37 PM	156.9	157.2
CHICV25	CV-25	9/28/2023 5:08:57 PM	107.4	107.4
CHICV30S	CV-30S	9/26/2023 2:12:41 PM	124.6	124.6
CHICV31S	CV-31S	9/26/2023 2:21:23 PM	132.7	132.7
CHICV33S	CV-33S	9/6/2023 10:58:42 AM	123.8	123.7
CHICV34D	CV-34D	9/21/2023 11:39:01 AM	76.3	79.4
CHICV34D	CV-34D	9/21/2023 11:40:32 AM	81.2	81.3
CHICV34S	CV-34S	9/21/2023 11:45:26 AM	83.3	83.3
CHICV35D	CV-35D	9/25/2023 8:28:50 AM	72.6	72.8
CHWCV48R	CV-48R	9/6/2023 11:25:15 AM	127.9	127.8
CHWCV49S	CV-49S	9/28/2023 5:33:54 PM	77.7	78.0
CHWCV52D	CV-52D	9/6/2023 11:15:05 AM	136.0	136.6
CHWCV52D	CV-52D	9/8/2023 1:20:28 PM	138.3	138.3
CHWCV53D	CV-53D	9/5/2023 11:52:14 AM	124.4	122.4
CHWCV53S	CV-53S	9/5/2023 11:39:54 AM	136.0	136.1
CHWCV54D	CV-54D	9/5/2023 11:29:39 AM	91.5	91.7
CHWCV54S	CV-54S	9/5/2023 11:24:28 AM	138.1	138.3
CHWCV55R	CV-55R	9/5/2023 2:52:38 PM	145.9	145.8
CHWCV55R	CV-55R	9/14/2023 12:34:43 PM	146.2	146.2
CHWCV55R	CV-55R	9/20/2023 8:46:10 AM	144.9	144.3
CHWCV56D	CV-56D	9/28/2023 12:28:46 PM	125.8	125.4
CHWCV56S	CV-56S	9/28/2023 12:31:56 PM	125.1	125.1
CHWCV57R	CV-57R	9/26/2023 4:27:00 PM	106.9	107.3
CHWCV74R	CV-74R	9/23/2023 10:28:29 AM	109.2	109.3
CHWCV79R	CV-79R	9/26/2023 3:53:48 PM	129.7	129.8

Attachment D - Well Temperature Data
September 2023

CHWCV84S	CV-84S	9/25/2023 9:53:49 AM	81.5	82.7
CHWCV85S	CV-85S	9/25/2023 9:40:08 AM	103.9	103.9
CHIWCV94	CV-94	9/13/2023 5:44:26 PM	109.0	108.7
CHIWCV95	CV-95	9/26/2023 4:23:28 PM	111.7	112.0
CHIWCV99	CV-99	9/6/2023 10:59:17 AM	122.4	122.5
CHIWD001	D-01	9/25/2023 3:37:07 PM	95.8	95.6
CHIWD001	D-01	9/25/2023 3:39:14 PM	95.3	95.3
CHIWD002	D-02	9/25/2023 3:30:51 PM	102.2	102.2
CHIWD003	D-03	9/25/2023 3:26:43 PM	105.1	105.3
CHIWD004	D-04	9/25/2023 3:23:26 PM	104.5	104.5
CHIWD005	D-05	9/25/2023 3:16:14 PM	101.9	102.0
CHIWD006	D-06	9/27/2023 2:46:13 PM	103.7	103.7
CHIWD009	D-09	9/13/2023 3:02:52 PM	112.4	112.6
CHIWD010	D-10	9/13/2023 4:31:07 PM	108.4	108.5
CHIWH001	H-01 (EXP-01)	9/1/2023 11:19:41 AM	106.2	94.7
CHIWH002	H-02 (EXP-02)	9/1/2023 11:11:08 AM	121.3	108.5
CHIWH003	H-03 (EXP-03)	9/1/2023 11:06:41 AM	122.3	122.3
CHIWH004	H-04 (EXP-04)	9/21/2023 4:14:01 PM	132.7	130.8
CHIWH004	H-04 (EXP-04)	9/21/2023 4:16:19 PM	130.6	130.7
CHIWH004	H-04 (EXP-04)	9/21/2023 4:18:19 PM	130.7	131.5
CHIWH004	H-04 (EXP-04)	9/21/2023 4:20:07 PM	131.5	131.6
CHIWH006	H-06 (EXP-06)	9/1/2023 10:48:16 AM	106.5	95.8
CHIWH008	H-08 (EXP-08)	9/1/2023 10:42:26 AM	90.9	91.1
CHIWH009	H-09 (EXP-09)	9/1/2023 10:39:25 AM	119.9	119.5
CHIWH010	H-10 (EXP-10)	9/1/2023 10:11:16 AM	122.7	118.3
CHIH101W	H-101W	9/27/2023 8:37:44 AM	65.5	66.4
CHWH102A	H-102A	9/28/2023 9:15:43 AM	92.2	92.3
CHWH104A	H-104A	9/27/2023 9:25:41 AM	95.1	95.1
CHIWH012	H-12 (EXP-12)	9/28/2023 5:08:34 PM	93.4	93.4
CHIWH013	H-13 (EXP-13)	9/1/2023 10:02:49 AM	96.4	96.4
CHIWH014	H-14 (EXP-14)	9/28/2023 11:19:35 AM	NA	NA
CHH1401W	H-1401W	9/27/2023 8:19:30 AM	98.9	98.9
CHH1402C	H-1402C	9/18/2023 4:11:53 PM	119.9	119.9
CHH1403W	H-1403W	9/27/2023 9:01:24 AM	94.3	94.6
CHH1404C	H-1404C	9/23/2023 11:29:14 AM	113.6	113.5
CHH1405C	H-1405C	9/23/2023 3:42:11 PM	115.7	115.7
CHH1405E	H-1405E	9/23/2023 7:48:09 AM	113.7	113.6
CHH1405W	H-1405W	9/29/2023 3:21:56 PM	132.1	131.6
CHH1405W	H-1405W	9/29/2023 3:27:00 PM	130.4	130.4
CHH1406W	H-1406W	9/25/2023 11:37:55 AM	89.2	89.4
CHH1406W	H-1406W	9/25/2023 11:41:20 AM	90.4	90.5
CH1408CR	H-1408CR	9/29/2023 3:31:27 PM	105.2	105.2
CHH1408E	H-1408E	9/26/2023 1:07:50 PM	104.2	104.9
CHH1408E	H-1408E	9/26/2023 1:09:25 PM	105.3	105.3
CHH1408W	H-1408W	9/25/2023 9:46:49 AM	112.4	112.3
CHH1408W	H-1408W	9/26/2023 1:01:06 PM	97.2	96.3
CHH1409N	H-1409N	9/26/2023 12:52:43 PM	93.7	94.5

Attachment D - Well Temperature Data
September 2023

CHH1410S	H-1410S	9/25/2023 10:43:48 AM	107.8	107.8
CHH1551C	H-1551C	9/5/2023 4:11:17 PM	132.6	130.5
CHH1551C	H-1551C	9/5/2023 4:14:40 PM	129.9	129.8
CHH1552A	H-1552A	9/26/2023 6:22:57 PM	115.1	114.4
CHH1560N	H-1560N	9/29/2023 3:44:49 PM	135.0	135.0
CHH1560S	H-1560S	9/25/2023 11:49:35 AM	96.8	96.9
CHH1561C	H-1561C	9/5/2023 11:29:06 AM	163.4	163.5
CHH1561C	H-1561C	9/12/2023 2:37:45 PM	161.1	161.1
CHH1561C	H-1561C	9/19/2023 2:17:07 PM	164.3	164.3
CHH1561C	H-1561C	9/26/2023 3:44:04 PM	163.8	164.0
CHH1561N	H-1561N	9/5/2023 12:04:34 PM	116.5	117.1
CHH1562N	H-1562N	9/23/2023 4:34:49 PM	124.7	124.8
CHH1563N	H-1563N	9/23/2023 8:15:22 AM	73.4	93.2
CHH1563N	H-1563N	9/23/2023 8:19:00 AM	99.8	102.6
CHH1563S	H-1563S	9/23/2023 3:46:17 PM	118.3	118.3
CHH1564N	H-1564N	9/23/2023 7:43:54 AM	104.9	104.6
CHH1565C	H-1565C	9/23/2023 8:43:49 AM	111.5	111.5
CHH1565E	H-1565E	9/23/2023 10:57:37 AM	97.2	97.2
CHH1568N	H-1568N	9/23/2023 11:19:41 AM	89.4	89.3
CHH1568S	H-1568S	9/26/2023 12:42:13 PM	99.3	99.3
CHH1569S	H-1569S	9/23/2023 10:52:02 AM	86.8	86.8
CHH1571S	H-1571S	9/25/2023 9:52:44 AM	121.6	121.6
CHH1572N	H-1572N	9/23/2023 11:15:17 AM	123.3	123.3
CHH1572S	H-1572S	9/25/2023 9:29:18 AM	117.5	117.7
CHH1573S	H-1573S	9/21/2023 4:03:08 PM	128.9	129.0
CHH1574N	H-1574N	9/25/2023 2:17:24 PM	102.9	102.7
CHH1574N	H-1574N	9/25/2023 2:18:48 PM	104.0	103.9
CHH1575	H-1575	9/27/2023 8:50:18 AM	79.2	79.3
CHH1751N	H-1751N	9/5/2023 10:21:41 AM	163.8	163.8
CHH1751N	H-1751N	9/12/2023 10:12:12 AM	168.8	169.1
CHH1751N	H-1751N	9/19/2023 10:57:53 AM	171.4	171.4
CHH1751N	H-1751N	9/26/2023 11:04:41 AM	167.1	167.1
CHH1751S	H-1751S	9/29/2023 4:48:06 PM	92.9	104.2
CHH1751S	H-1751S	9/29/2023 4:50:06 PM	105.4	105.5
CHH1752N	H-1752N	9/7/2023 2:09:55 PM	103.0	103.0
CHH1752S	H-1752S	9/23/2023 4:07:25 PM	112.0	112.1
CHH1753N	H-1753N	9/7/2023 2:03:28 PM	123.1	124.9
CHH1753S	H-1753S	9/23/2023 8:00:43 AM	114.3	113.7
CHH1753S	H-1753S	9/27/2023 1:42:55 PM	117.7	117.8
CHH1754N	H-1754N	9/7/2023 2:33:48 PM	122.8	122.9
CHH1754S	H-1754S	9/23/2023 8:39:37 AM	80.4	80.4
CHH1755N	H-1755N	9/27/2023 10:17:12 AM	90.8	92.3
CHH1755N	H-1755N	9/27/2023 10:21:05 AM	95.1	95.9
CHH1755S	H-1755S	9/25/2023 1:57:28 PM	101.4	101.3
CHH1756N	H-1756N	9/23/2023 4:41:39 PM	109.9	110.0
CHH1756S	H-1756S	9/29/2023 5:30:54 PM	116.3	116.3
CHH1757N	H-1757N	9/5/2023 10:52:39 AM	154.3	154.3

Attachment D - Well Temperature Data
September 2023

CHH1757N	H-1757N	9/12/2023 12:24:16 PM	156.5	156.5
CHH1757N	H-1757N	9/19/2023 12:08:13 PM	157.4	157.4
CHH1757N	H-1757N	9/26/2023 2:12:19 PM	155.4	155.4
CHH1757S	H-1757S	9/23/2023 3:39:23 PM	113.6	113.6
CH1758NR	H-1758NR	9/23/2023 8:08:28 AM	114.9	115.0
CHH1759N	H-1759N	9/20/2023 2:38:21 PM	75.0	75.0
CHH1759S	H-1759S	9/23/2023 11:41:18 AM	111.4	111.4
CHH1760N	H-1760N	9/23/2023 8:54:27 AM	83.5	84.0
CHH1760S	H-1760S	9/23/2023 11:25:21 AM	112.1	112.1
CHH1762N	H-1762N	9/26/2023 1:40:32 PM	97.1	97.8
CHH1762N	H-1762N	9/26/2023 1:43:49 PM	98.3	98.3
CHH1763N	H-1763N	9/25/2023 10:24:27 AM	118.2	118.2
CHH1763S	H-1763S	9/13/2023 4:28:00 PM	128.4	128.4
CHH1764N	H-1764N	9/23/2023 3:34:08 PM	102.2	102.3
CHH1764S	H-1764S	9/14/2023 11:12:03 AM	108.9	108.5
CHH1765N	H-1765N	9/20/2023 4:14:57 PM	81.8	81.9
CHH1766N	H-1766N	9/26/2023 6:26:33 PM	126.9	126.9
CHH1766S	H-1766S	9/25/2023 2:30:48 PM	99.5	99.6
CHH1766S	H-1766S	9/25/2023 2:31:55 PM	100.1	100.2
CHH1767N	H-1767N	9/25/2023 8:49:02 AM	118.7	118.7
CHH1767S	H-1767S	9/25/2023 9:12:19 AM	78.6	79.4
CHH1768N	H-1768N	9/8/2023 4:23:15 PM	105.2	104.5
CHH1768N	H-1768N	9/8/2023 4:25:47 PM	104.9	104.9
CHH1769A	H-1769A	9/23/2023 7:24:11 AM	129.4	129.6
CHH1769A	H-1769A	9/23/2023 3:27:24 PM	131.0	130.5
CHH1769A	H-1769A	9/23/2023 3:29:25 PM	130.4	130.4
CHH1769B	H-1769B	9/7/2023 2:27:51 PM	106.0	106.1
CHH1769N	H-1769N	9/6/2023 11:42:33 AM	120.4	120.6
CHH1769S	H-1769S	9/23/2023 11:47:08 AM	100.6	100.5
CHH1770A	H-1770A	9/6/2023 10:56:46 AM	124.2	123.6
CHH1770B	H-1770B	9/5/2023 10:17:36 AM	157.4	157.4
CHH1770B	H-1770B	9/12/2023 10:06:33 AM	160.1	160.1
CHH1770B	H-1770B	9/19/2023 10:53:10 AM	162.2	162.2
CHH1770B	H-1770B	9/26/2023 11:09:48 AM	162.6	162.6
CHH1770N	H-1770N	9/6/2023 11:28:42 AM	154.2	165.4
CHH1770N	H-1770N	9/6/2023 11:31:21 AM	166.0	165.3
CHH1770N	H-1770N	9/8/2023 4:54:54 PM	174.2	166.5
CHH1770N	H-1770N	9/8/2023 4:57:03 PM	165.5	165.4
CHH1770N	H-1770N	9/14/2023 12:16:21 PM	149.9	150.1
CHH1770N	H-1770N	9/19/2023 9:48:17 AM	152.4	152.4
CHH1770N	H-1770N	9/26/2023 9:49:18 AM	153.6	153.6
CHH1770S	H-1770S	9/23/2023 4:01:48 PM	119.8	119.6
CHH1771A	H-1771A	9/18/2023 10:58:03 AM	116.1	116.0
CHH1771B	H-1771B	9/6/2023 2:42:38 PM	112.3	112.3
CHH1771N	H-1771N	9/26/2023 10:23:14 AM	93.0	93.8
CHH1771S	H-1771S	9/26/2023 12:20:55 PM	106.4	106.4
CHH1771S	H-1771S	9/26/2023 12:24:41 PM	106.2	106.2

Attachment D - Well Temperature Data
September 2023

CHH1771S	H-1771S	9/26/2023 12:27:08 PM	106.0	106.0
CHH1772A	H-1772A	9/15/2023 3:08:00 PM	109.4	108.3
CHH1772A	H-1772A	9/27/2023 12:27:03 PM	119.0	119.6
CHH1772B	H-1772B	9/7/2023 1:37:18 PM	107.9	108.6
CHH1772B	H-1772B	9/7/2023 1:39:24 PM	108.6	108.7
CHH1772C	H-1772C	9/26/2023 10:17:14 AM	87.6	89.0
CHH1772N	H-1772N	9/25/2023 11:11:28 AM	90.5	90.5
CHH1772S	H-1772S	9/23/2023 11:37:34 AM	114.6	114.3
CHH1773A	H-1773A	9/5/2023 8:39:41 AM	173.0	173.0
CHH1773A	H-1773A	9/12/2023 8:49:54 AM	169.8	169.8
CHH1773A	H-1773A	9/19/2023 9:09:21 AM	172.3	172.3
CHH1773A	H-1773A	9/23/2023 5:16:50 PM	172.6	151.7
CHH1773A	H-1773A	9/23/2023 5:21:15 PM	141.8	170.0
CHH1773A	H-1773A	9/23/2023 5:22:39 PM	174.2	174.0
CHH1773A	H-1773A	9/26/2023 9:11:25 AM	179.6	179.2
CHH1773B	H-1773B	9/7/2023 1:13:34 PM	100.6	100.7
CHH1773C	H-1773C	9/23/2023 10:33:26 AM	110.3	110.4
CHH1773N	H-1773N	9/7/2023 2:55:58 PM	126.7	126.6
CHH1774A	H-1774A	9/5/2023 9:18:41 AM	158.7	160.2
CHH1774A	H-1774A	9/12/2023 9:25:43 AM	159.5	160.0
CHH1774A	H-1774A	9/19/2023 10:24:56 AM	159.0	158.7
CHH1774A	H-1774A	9/26/2023 10:05:04 AM	155.8	155.7
CHH1774A	H-1774A	9/27/2023 1:25:43 PM	157.2	157.3
CHH1774A	H-1774A	9/27/2023 1:28:35 PM	157.4	157.4
CHH1774B	H-1774B	9/5/2023 10:04:41 AM	180.9	180.9
CHH1774B	H-1774B	9/12/2023 9:51:44 AM	190.0	189.8
CHH1774B	H-1774B	9/19/2023 11:21:21 AM	191.0	191.3
CHH1774B	H-1774B	9/26/2023 10:45:42 AM	189.5	189.8
CHH1774N	H-1774N	9/23/2023 5:38:06 PM	111.3	111.3
CHH1774S	H-1774S	9/27/2023 10:48:24 AM	124.6	124.6
CHH1801S	H-1801S	9/26/2023 4:07:03 PM	125.7	125.7
CHH1802N	H-1802N	9/26/2023 8:46:36 AM	108.7	108.7
CHH1802S	H-1802S	9/26/2023 3:49:58 PM	130.8	130.9
CHH1803N	H-1803N	9/5/2023 9:07:37 AM	177.6	177.6
CHH1803N	H-1803N	9/12/2023 9:09:27 AM	173.9	173.9
CHH1803N	H-1803N	9/19/2023 9:34:48 AM	173.7	173.9
CHH1803N	H-1803N	9/26/2023 9:39:55 AM	176.9	176.7
CHH1804A	H-1804A	9/26/2023 9:51:52 AM	112.3	112.3
CHH1804B	H-1804B	9/25/2023 10:06:02 AM	97.3	97.4
CHH1804B	H-1804B	9/26/2023 10:30:28 AM	98.2	98.2
CHH1804N	H-1804N	9/18/2023 11:13:48 AM	118.3	118.4
CHH1804S	H-1804S	9/23/2023 3:43:38 PM	107.6	107.2
CHH1805A	H-1805A	9/14/2023 2:48:41 PM	121.7	121.7
CHH1805B	H-1805B	9/23/2023 11:06:40 AM	108.4	108.2
CHH1805S	H-1805S	9/26/2023 5:11:24 PM	131.3	130.8
CHH1805S	H-1805S	9/26/2023 5:13:17 PM	130.8	130.7
CHH1806A	H-1806A	9/26/2023 8:28:32 AM	116.0	116.1

Attachment D - Well Temperature Data
September 2023

CHH1806B	H-1806B	9/26/2023 3:45:44 PM	111.5	112.3
CHH1806N	H-1806N	9/11/2023 2:41:56 PM	124.4	124.4
CHH1806N	H-1806N	9/18/2023 11:34:28 AM	122.2	122.5
CHH1806N	H-1806N	9/18/2023 11:38:01 AM	122.6	122.5
CHH1806N	H-1806N	9/22/2023 3:24:17 PM	127.6	124.8
CHH1806S	H-1806S	9/13/2023 5:14:45 PM	114.1	114.1
CHH1807A	H-1807A	9/13/2023 3:32:12 PM	116.9	116.9
CHH1807N	H-1807N	9/18/2023 11:59:20 AM	96.8	101.3
CHH1807N	H-1807N	9/18/2023 12:01:01 PM	101.1	101.2
CHH1807S	H-1807S	9/13/2023 4:08:16 PM	97.3	92.2
CHH1951W	H-1951W	9/25/2023 10:06:10 AM	92.9	93.6
CHH1952C	H-1952C	9/7/2023 2:50:32 PM	119.6	117.8
CHH1952N	H-1952N	9/5/2023 10:00:10 AM	123.1	122.8
CHH1952S	H-1952S	9/23/2023 9:07:34 AM	115.6	115.7
CHH1953C	H-1953C	9/26/2023 10:10:47 AM	89.8	89.8
CHH1953N	H-1953N	9/26/2023 2:34:58 PM	115.6	115.6
CHH1953S	H-1953S	9/23/2023 7:12:37 AM	114.0	114.2
CHH1953S	H-1953S	9/26/2023 10:54:01 AM	91.0	101.0
CHH1953S	H-1953S	9/26/2023 10:56:38 AM	102.2	102.2
CHH1954C	H-1954C	9/26/2023 9:55:56 AM	82.2	81.7
CHH1954N	H-1954N	9/23/2023 7:08:28 AM	106.6	105.9
CHH1954S	H-1954S	9/25/2023 10:43:18 AM	83.9	84.6
CHH1955C	H-1955C	9/14/2023 3:10:10 PM	111.5	111.6
CHH1955N	H-1955N	9/18/2023 11:17:14 AM	95.6	95.4
CHH1955S	H-1955S	9/14/2023 2:30:45 PM	107.1	107.1
CHH1956B	H-1956B	9/14/2023 1:37:17 PM	103.9	103.2
CHH1956N	H-1956N	9/11/2023 2:46:40 PM	112.8	112.7
CHH1956N	H-1956N	9/18/2023 11:27:41 AM	108.0	108.0
CHH1956N	H-1956N	9/22/2023 3:11:28 PM	113.0	110.7
CHH1956S	H-1956S	9/26/2023 4:50:09 PM	105.0	104.9
CHH1957A	H-1957A	9/26/2023 8:36:41 AM	81.2	75.3
CHH1957B	H-1957B	9/26/2023 4:17:48 PM	106.7	106.7
CHH1957N	H-1957N	9/11/2023 2:38:44 PM	118.3	118.2
CHH1957N	H-1957N	9/18/2023 11:41:37 AM	116.6	116.6
CHH1957N	H-1957N	9/22/2023 3:18:13 PM	118.1	117.2
CHH1957S	H-1957S	9/26/2023 4:00:20 PM	133.6	133.1
CHH1957S	H-1957S	9/26/2023 4:04:22 PM	132.6	131.5
CHH1958C	H-1958C	9/13/2023 3:22:51 PM	123.6	123.2
CHH1958N	H-1958N	9/18/2023 12:06:00 PM	86.2	86.2
CHH1958S	H-1958S	9/28/2023 12:20:47 PM	120.1	120.1
CHH-1960	H-1960	9/26/2023 6:07:02 PM	177.8	177.6
CHH1962A	H-1962A	9/6/2023 11:05:32 AM	85.1	86.3
CHH1962A	H-1962A	9/6/2023 11:08:48 AM	87.4	87.4
CHH1962B	H-1962B	9/5/2023 10:13:34 AM	175.9	175.9
CHH1962B	H-1962B	9/12/2023 10:19:08 AM	158.9	158.9
CHH1962B	H-1962B	9/19/2023 11:08:12 AM	152.8	152.8
CHH1962B	H-1962B	9/26/2023 10:59:16 AM	173.0	173.0

Attachment D - Well Temperature Data
September 2023

CHH1962N	H-1962N	9/6/2023 11:21:43 AM	153.3	152.9
CHH1962N	H-1962N	9/19/2023 6:33:27 PM	133.4	133.4
CHH1962N	H-1962N	9/23/2023 5:31:49 PM	124.7	124.7
CHH1962S	H-1962S	9/5/2023 11:01:44 AM	173.0	172.8
CHH1962S	H-1962S	9/14/2023 7:11:40 PM	178.6	178.4
CHH1962S	H-1962S	9/19/2023 1:43:10 PM	178.2	179.4
CHH1962S	H-1962S	9/26/2023 2:25:05 PM	164.8	164.8
CHH1963A	H-1963A	9/23/2023 7:33:27 AM	120.2	120.4
CHH1963N	H-1963N	9/6/2023 11:36:11 AM	119.3	119.2
CHH1964C	H-1964C	9/7/2023 1:57:44 PM	95.1	95.3
CHH1964N	H-1964N	9/6/2023 11:48:32 AM	139.8	139.9
CHH1964N	H-1964N	9/6/2023 11:51:04 AM	139.9	139.9
CHH1964N	H-1964N	9/20/2023 4:23:25 PM	141.6	141.6
CHH1964S	H-1964S	9/27/2023 1:52:51 PM	96.6	97.3
CHH1965C	H-1965C	9/7/2023 1:48:53 PM	106.7	106.7
CHH1965C	H-1965C	9/7/2023 1:50:21 PM	105.5	105.4
CHH1965C	H-1965C	9/20/2023 4:31:19 PM	126.5	125.9
CHH1965S	H-1965S	9/23/2023 9:02:03 AM	76.7	77.2
CHH1966N	H-1966N	9/23/2023 5:41:44 PM	112.3	111.6
CHH1966S	H-1966S	9/23/2023 6:01:27 PM	112.3	112.2
CHH1967E	H-1967E	9/13/2023 5:19:13 PM	92.5	91.0
CHH1967W	H-1967W	9/25/2023 12:54:24 PM	102.5	102.5
CHH2051W	H-2051W	9/25/2023 12:58:20 PM	109.2	109.3
CHH2052W	H-2052W	9/11/2023 3:47:30 PM	106.0	106.0
CHH2052W	H-2052W	9/15/2023 5:04:13 PM	105.2	105.0
CHH2052W	H-2052W	9/15/2023 5:06:44 PM	97.6	97.5
CHH2053E	H-2053E	9/13/2023 4:36:34 PM	119.8	119.8
CHH2053W	H-2053W	9/27/2023 8:30:58 AM	106.6	106.7
CHH2054W	H-2054W	9/25/2023 10:06:56 AM	108.9	109.0
CHH2055E	H-2055E	9/14/2023 10:57:26 AM	111.5	111.0
CHH2056E	H-2056E	9/28/2023 7:05:51 PM	95.8	94.9
CHH2056W	H-2056W	9/25/2023 1:01:42 PM	111.7	111.7
CHH2057E	H-2057E	9/13/2023 4:44:18 PM	122.1	121.8
CHH2057W	H-2057W	9/25/2023 1:18:07 PM	120.6	120.6
CHH2058A	H-2058A	9/25/2023 12:23:33 PM	115.8	115.7
CHH2058B	H-2058B	9/25/2023 12:32:13 PM	109.3	109.3
CHH2058E	H-2058E	9/13/2023 2:58:46 PM	107.5	107.1
CHH2058E	H-2058E	9/13/2023 4:24:24 PM	105.5	106.4
CHH2058W	H-2058W	9/25/2023 1:09:04 PM	106.4	106.5
CHH2059W	H-2059W	9/25/2023 9:51:26 AM	114.1	114.2
CHH2160B	H-2160B	9/25/2023 12:37:23 PM	119.7	119.7
CHH2160E	H-2160E	9/25/2023 12:13:56 PM	115.7	115.7
CHH2161W	H-2161W	9/25/2023 9:59:54 AM	115.1	115.2
CHH2162B	H-2162B	9/14/2023 10:39:24 AM	108.6	108.5
CHH2162W	H-2162W	9/25/2023 1:41:31 PM	117.1	117.1
CHH2162W	H-2162W	9/27/2023 9:06:28 AM	116.4	116.4
CHH2163C	H-2163C	9/14/2023 12:59:24 PM	109.5	109.5

Attachment D - Well Temperature Data
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CHH2163E	H-2163E	9/25/2023 10:38:18 AM	104.9	105.4
CHH2163W	H-2163W	9/25/2023 9:41:17 AM	110.5	110.6
CHH2164A	H-2164A	9/18/2023 4:20:52 PM	112.2	112.2
CHH2164B	H-2164B	9/14/2023 10:43:23 AM	109.9	109.9
CHH2164E	H-2164E	9/25/2023 10:12:40 AM	122.2	122.0
CHH2165E	H-2165E	9/25/2023 9:21:58 AM	112.3	112.3
CHH2165W	H-2165W	9/25/2023 11:18:52 AM	123.1	123.2
CHH2166A	H-2166A	9/6/2023 2:52:27 PM	94.8	93.7
CHH2166C	H-2166C	9/26/2023 9:34:56 AM	113.7	113.7
CHH2166C	H-2166C	9/26/2023 2:53:22 PM	113.2	113.2
CHH2166E	H-2166E	9/6/2023 11:47:31 AM	117.2	117.2
CHH2166W	H-2166W	9/7/2023 1:09:55 PM	100.1	99.8
CHH2167A	H-2167A	9/16/2023 11:02:32 AM	72.9	72.7
CHH2167A	H-2167A	9/26/2023 9:13:33 AM	102.1	102.2
CHH2167B	H-2167B	9/26/2023 9:25:16 AM	80.2	79.7
CHH2167B	H-2167B	9/26/2023 9:27:58 AM	81.4	81.3
CHH2167E	H-2167E	9/13/2023 5:38:19 PM	85.6	86.3
CHH2167W	H-2167W	9/7/2023 3:00:01 PM	96.0	96.5
CHH2168A	H-2168A	9/26/2023 3:33:10 PM	97.3	97.3
CHH2168C	H-2168C	9/26/2023 8:59:36 AM	76.3	76.5
CHH2168E	H-2168E	9/13/2023 5:57:03 PM	108.7	108.2
CHH2169B	H-2169B	9/25/2023 10:51:51 AM	106.9	106.9
CHH2169C	H-2169C	9/14/2023 1:42:55 PM	90.5	90.5
CHH2169E	H-2169E	9/23/2023 11:32:55 AM	118.0	117.9
CHH2169W	H-2169W	9/23/2023 9:13:28 AM	93.8	93.8
CHH2170N	H-2170N	9/11/2023 12:42:53 PM	117.3	117.3
CHH2170S	H-2170S	9/6/2023 12:20:54 PM	88.7	88.7
CHH2171A	H-2171A	9/28/2023 5:26:28 PM	111.6	111.3
CHH2171B	H-2171B	9/29/2023 4:37:11 PM	112.7	112.7
CHH2171S	H-2171S	9/11/2023 12:46:54 PM	118.0	118.0
CHH2272C	H-2272C	9/14/2023 10:27:06 AM	118.7	118.8
CHH2272C	H-2272C	9/25/2023 1:27:54 PM	120.3	120.3
CHH2272W	H-2272W	9/25/2023 11:56:53 AM	120.4	120.4
CHH2273C	H-2273C	9/29/2023 1:12:43 PM	111.1	111.1
CHH2273W	H-2273W	9/25/2023 11:12:57 AM	121.9	121.9
CHH2274B	H-2274B	9/23/2023 11:53:01 AM	107.2	107.2
CHH2274B	H-2274B	9/26/2023 12:37:32 PM	113.2	113.2
CHH2274E	H-2274E	9/25/2023 9:34:49 AM	79.4	79.3
CHH2274W	H-2274W	9/27/2023 10:52:57 AM	121.3	121.2
CHH2275C	H-2275C	9/29/2023 2:42:39 PM	110.7	110.7
CHH2275E	H-2275E	9/13/2023 4:31:07 PM	109.2	109.2
CHH2275W	H-2275W	9/23/2023 3:49:31 PM	109.9	109.9
CHH2276A	H-2276A	9/23/2023 11:33:51 AM	113.6	113.5
CHH2276B	H-2276B	9/29/2023 5:19:13 PM	94.0	94.0
CHH2276E	H-2276E	9/26/2023 5:02:12 PM	112.7	112.7
CHH2276W	H-2276W	9/22/2023 3:48:24 PM	103.4	103.1
CHH2276W	H-2276W	9/23/2023 3:35:33 PM	104.8	104.9

Attachment D - Well Temperature Data
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CHH2277A	H-2277A	9/23/2023 10:49:33 AM	82.7	81.8
CHH2277B	H-2277B	9/23/2023 11:03:06 AM	87.5	93.5
CHH2277B	H-2277B	9/23/2023 11:06:15 AM	94.0	93.9
CHH2277E	H-2277E	9/26/2023 12:31:45 PM	108.2	108.2
CHH2277W	H-2277W	9/23/2023 3:58:07 PM	121.6	122.1
CHH2301E	H-2301E	9/14/2023 4:15:16 PM	102.7	102.9
CHH2301E	H-2301E	9/14/2023 4:17:35 PM	102.9	102.9
CHH2301E	H-2301E	9/15/2023 2:46:04 PM	103.2	103.1
CHH2301E	H-2301E	9/22/2023 1:57:11 PM	104.4	104.2
CHH2301E	H-2301E	9/22/2023 2:02:09 PM	103.9	103.4
CHH2302E	H-2302E	9/13/2023 6:17:50 PM	98.4	98.6
CHH2302E	H-2302E	9/14/2023 3:56:44 PM	100.7	100.7
CHH2302E	H-2302E	9/14/2023 4:04:31 PM	101.6	102.2
CHH2302E	H-2302E	9/15/2023 2:35:08 PM	102.9	102.9
CHH2303E	H-2303E	9/13/2023 5:58:23 PM	88.3	88.6
CHH2303E	H-2303E	9/13/2023 6:02:11 PM	88.6	88.6
CHH2303E	H-2303E	9/14/2023 3:49:51 PM	89.5	89.9
CHH2303E	H-2303E	9/15/2023 2:29:35 PM	89.1	88.6
CHH2303E	H-2303E	9/22/2023 1:40:58 PM	89.1	89.4
CHH2303E	H-2303E	9/22/2023 1:48:40 PM	103.1	102.5
CHH2303E	H-2303E	9/22/2023 1:48:40 PM	103.1	102.5
CHIWH029	H-29	9/11/2023 12:29:36 PM	120.5	126.5
CHIWH029	H-29	9/11/2023 12:32:16 PM	126.8	126.8
CHIWH030	H-30	9/11/2023 1:59:45 PM	113.9	114.9
CHIWH031	H-31	9/1/2023 11:36:29 AM	102.3	102.3
CHIWH048	H-48	9/18/2023 3:22:08 PM	91.2	91.4
CHIWH051	H-51	9/28/2023 5:32:25 PM	92.1	92.1
CHIWH052	H-52	9/29/2023 1:21:29 PM	89.0	89.0
CHIWH053	H-53	9/28/2023 6:11:17 PM	100.0	99.8
CHIWH054	H-54	9/28/2023 6:31:36 PM	97.4	97.4
CHIWH059	H-59	9/29/2023 1:35:18 PM	107.2	107.2
CHIWH060	H-60	9/28/2023 6:02:46 PM	91.9	91.8
CHIWH064	H-64	9/5/2023 9:48:25 AM	187.7	187.7
CHIWH064	H-64	9/5/2023 10:00:21 AM	188.1	188.1
CHIWH064	H-64	9/12/2023 9:45:03 AM	186.3	187.2
CHIWH064	H-64	9/19/2023 10:46:25 AM	189.5	189.5
CHIWH064	H-64	9/22/2023 5:18:21 PM	188.6	188.6
CHIWH064	H-64	9/26/2023 10:23:51 AM	190.5	190.5
CHIWH065	H-65	9/7/2023 2:13:57 PM	102.9	102.9
CHIWH067	H-67	9/7/2023 2:40:23 PM	110.1	110.1
CHIWH072	H-72	9/28/2023 5:41:02 PM	92.8	93.6
CHIWH074	H-74	9/26/2023 2:16:05 PM	122.0	122.0
CHIWH076	H-76	9/15/2023 2:29:52 PM	104.2	104.2
CHIWH077	H-77	9/28/2023 6:20:39 PM	109.7	109.7
CHIWH77A	H-77A	9/28/2023 5:43:52 PM	82.7	82.4
CHIWH078	H-78	9/28/2023 5:36:00 PM	93.9	93.9
CHIWH78A	H-78A	9/28/2023 5:28:01 PM	94.5	94.5

Attachment D - Well Temperature Data
September 2023

CHIWH079	H-79	9/15/2023 5:33:11 PM	135.0	130.9
CHIWH079	H-79	9/15/2023 5:34:58 PM	129.8	129.8
CHIWH079	H-79	9/15/2023 5:36:44 PM	129.7	135.3
CHIWH079	H-79	9/15/2023 5:38:17 PM	135.3	135.3
CHIWH084	H-84	9/15/2023 2:38:32 PM	97.2	97.2
CHIWP002	P-02	9/11/2023 1:37:54 PM	106.6	106.7
CHIWP02R	P-02R	9/21/2023 9:58:35 AM	83.2	83.2
CHIWP03R	P-03R	9/11/2023 1:30:32 PM	105.6	105.5
CHIWP03R	P-03R	9/11/2023 1:32:59 PM	106.5	106.6
CHIWP004	P-04	9/21/2023 11:32:45 AM	87.5	88.1
CHIWP005	P-05	9/11/2023 12:48:21 PM	104.4	104.2
CHIWP005	P-05	9/11/2023 12:51:01 PM	105.4	105.4
CHIWP06R	P-06R	9/11/2023 12:36:28 PM	111.6	112.0
CHIWP06R	P-06R	9/11/2023 12:57:16 PM	112.9	112.9
CHIWP07R	P-07R	9/21/2023 10:54:48 AM	78.3	78.3
CHIWP08R	P-08R	9/6/2023 8:50:42 AM	100.5	100.5
CHIWP009	P-09	9/6/2023 8:56:00 AM	93.3	92.1
CHIWP010	P-10	9/6/2023 9:00:26 AM	96.5	96.0
CHIWP011	P-11	9/6/2023 9:04:42 AM	106.5	105.7
CHIWP012	P-12	9/21/2023 11:13:59 AM	74.5	74.9
CHIWP013	P-13	9/21/2023 11:08:16 AM	79.1	80.1
CHIWP014	P-14	9/6/2023 9:09:06 AM	74.4	74.6
CHIWP15R	P-15R	9/6/2023 9:14:05 AM	85.6	85.8
CHIWP016	P-16	9/6/2023 9:19:53 AM	71.2	72.8
CHIWP017	P-17	9/6/2023 9:25:30 AM	79.3	88.6
CHIP18RD	P-18RD	9/6/2023 9:34:28 AM	90.8	90.9
CHIP18RS	P-18RS	9/6/2023 9:32:16 AM	74.7	74.7
CHIWP019	P-19	9/6/2023 9:38:29 AM	82.1	82.1
CHIWP20R	P-20R	9/6/2023 9:42:54 AM	77.9	77.9
CHIWP021	P-21	9/6/2023 9:48:04 AM	81.7	81.7
CHIP21RD	P-21RD	9/6/2023 9:57:42 AM	83.0	83.0
CHIP21RS	P-21RS	9/6/2023 9:52:49 AM	107.6	107.6
CHIP22RD	P-22RD	9/21/2023 10:41:12 AM	113.2	113.2
CHIP22RS	P-22RS	9/21/2023 10:38:14 AM	68.9	68.9
CHIWP023	P-23	9/6/2023 10:03:25 AM	88.1	88.0
CHIWP024	P-24	9/6/2023 10:50:48 AM	87.7	87.7
CHIWP026	P-26	9/6/2023 10:59:25 AM	85.3	85.2
CHIWP027	P-27	9/6/2023 11:03:24 AM	88.8	89.1
CHIWP028	P-28	9/6/2023 11:10:22 AM	88.3	87.7
CHIWP29R	P-29R	9/6/2023 11:15:41 AM	94.5	94.7
CHIWP30R	P-30R	9/6/2023 11:19:43 AM	87.3	87.3
CHIWP30R	P-30R	9/13/2023 3:23:56 PM	90.5	91.1
CHIWP30R	P-30R	9/15/2023 1:21:27 PM	86.1	86.3
CHIWP30R	P-30R	9/15/2023 3:19:07 PM	89.1	89.2
CHIWP30R	P-30R	9/16/2023 9:47:02 AM	86.3	85.7
CHIWP30R	P-30R	9/18/2023 11:18:12 AM	86.2	86.2
CHIWP30R	P-30R	9/18/2023 2:30:03 PM	87.4	87.5

Attachment D - Well Temperature Data
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CHIWP30R	P-30R	9/19/2023 11:50:10 AM	88.6	88.8
CHIWP30R	P-30R	9/22/2023 2:49:30 PM	89.5	89.4
CHIWP30R	P-30R	9/25/2023 3:04:33 PM	91.5	91.5
CHIWP031	P-31	9/6/2023 11:26:35 AM	94.5	94.4
CHIWP031	P-31	9/13/2023 2:31:10 PM	95.4	95.5
CHIWP031	P-31	9/15/2023 1:15:17 PM	93.4	93.5
CHIWP031	P-31	9/18/2023 11:24:43 AM	93.6	93.6
CHIWP031	P-31	9/18/2023 2:12:43 PM	94.4	95.3
CHIWP031	P-31	9/19/2023 11:24:26 AM	97.1	97.1
CHIWP031	P-31	9/22/2023 2:42:59 PM	88.4	80.3
CHIWP031	P-31	9/22/2023 2:44:57 PM	88.2	89.5
CHIWP031	P-31	9/25/2023 2:58:25 PM	94.4	94.4
CHIWP031	P-31	9/25/2023 3:32:21 PM	94.6	94.4
CHIP32R1	P-32R1	9/6/2023 11:33:23 AM	101.7	101.6
CHIP32R2	P-32R2	9/6/2023 11:36:28 AM	98.9	98.9
CHIWP033	P-33	9/6/2023 11:42:03 AM	89.7	88.3
CHIWP033	P-33	9/6/2023 11:43:38 AM	88.7	88.7
CHIWP034	P-34	9/6/2023 11:48:04 AM	88.0	88.2
CHIWP036	P-36	9/6/2023 2:39:32 PM	108.8	108.5
CHIWP037	P-37	9/6/2023 2:43:50 PM	96.2	96.2
CHIP38RD	P-38RD	9/6/2023 3:10:52 PM	101.0	102.5
CHIP38RS	P-38RS	9/6/2023 3:14:18 PM	104.5	104.4
CHIWP039	P-39	9/6/2023 3:19:59 PM	94.3	94.4
CHIWP041	P-41	9/8/2023 11:21:41 AM	108.5	108.2
CHIWP42R	P-42R	9/8/2023 11:29:49 AM	121.4	121.4
CHIWP043	P-43	9/8/2023 11:33:12 AM	103.1	103.1
CHIWP043	P-43	9/15/2023 1:02:58 PM	98.1	108.4
CHIWP043	P-43	9/15/2023 1:04:32 PM	109.4	109.5
CHIWP043	P-43	9/15/2023 3:24:03 PM	115.0	115.0
CHIWP043	P-43	9/18/2023 11:39:20 AM	114.9	114.9
CHIWP043	P-43	9/18/2023 12:34:20 PM	115.0	117.2
CHIWP043	P-43	9/18/2023 1:59:32 PM	117.4	117.5
CHIWP043	P-43	9/19/2023 11:10:51 AM	116.6	116.6
CHIWP043	P-43	9/22/2023 2:25:11 PM	116.5	116.5
CHIWP043	P-43	9/25/2023 2:46:54 PM	117.3	117.3
CHIP44RD	P-44RD	9/8/2023 12:10:58 PM	110.3	110.3
CHIP44RD	P-44RD	9/13/2023 3:58:04 PM	109.2	109.3
CHIP44RD	P-44RD	9/15/2023 12:59:20 PM	108.2	108.2
CHIP44RD	P-44RD	9/15/2023 3:27:35 PM	108.6	108.9
CHIP44RD	P-44RD	9/18/2023 11:48:11 AM	106.8	106.7
CHIP44RD	P-44RD	9/19/2023 11:02:40 AM	105.5	105.4
CHIP44RD	P-44RD	9/22/2023 2:35:14 PM	105.3	105.8
CHIP44RD	P-44RD	9/25/2023 2:38:04 PM	112.1	112.0
CHIP44RS	P-44RS	9/8/2023 12:14:30 PM	118.5	118.0
CHIP44RS	P-44RS	9/15/2023 12:55:46 PM	109.2	114.7
CHIP44RS	P-44RS	9/18/2023 11:52:30 AM	120.6	120.5
CHIP44RS	P-44RS	9/18/2023 12:28:21 PM	121.0	122.0

Attachment D - Well Temperature Data
September 2023

CHIP44RS	P-44RS	9/18/2023 2:03:45 PM	122.0	122.1
CHIP44RS	P-44RS	9/19/2023 11:07:03 AM	121.5	121.5
CHIP44RS	P-44RS	9/22/2023 2:31:11 PM	121.2	121.2
CHIP44RS	P-44RS	9/25/2023 2:43:07 PM	123.1	123.0
CHIP45RD	P-45RD	9/8/2023 1:40:21 PM	107.3	107.3
CHIP45RD	P-45RD	9/13/2023 2:42:08 PM	104.5	111.4
CHIP45RS	P-45RS	9/8/2023 1:33:11 PM	105.3	108.9
CHIP45RS	P-45RS	9/8/2023 1:34:59 PM	110.6	110.6
CHIP46RD	P-46RD	9/8/2023 1:43:32 PM	111.8	111.9
CHIP46RS	P-46RS	9/8/2023 1:47:20 PM	111.3	111.5
CHIWP047	P-47	9/21/2023 10:09:06 AM	81.4	81.5
CHIWP048	P-48	9/21/2023 10:15:34 AM	119.3	117.1
CHIP49RD	P-49RD	9/21/2023 10:24:52 AM	116.0	116.0
CHIP49RS	P-49RS	9/21/2023 10:28:18 AM	113.7	113.7
CHIWP052	P-52	9/27/2023 2:17:02 PM	113.9	117.0
CHIWP052	P-52	9/27/2023 2:18:27 PM	117.1	117.1
CHIWP053	P-53	9/19/2023 3:59:10 PM	111.7	111.8
CHIWP054	P-54	9/15/2023 11:56:15 AM	99.7	99.8
CHIWP055	P-55	9/15/2023 11:49:02 AM	97.6	97.6
CHIWP056	P-56	9/28/2023 3:18:06 PM	82.7	82.7
CHIWP057	P-57	9/19/2023 3:29:40 PM	89.3	89.1
CHIWP057	P-57	9/19/2023 3:31:34 PM	89.0	89.0
CHIWP60R	P-60R	9/6/2023 3:03:48 PM	90.3	91.2
CHIWP061	P-61	9/6/2023 2:53:48 PM	92.1	92.2
CHIWP065	P-65	9/27/2023 1:59:40 PM	94.1	94.3
CHIWP071	P-71	9/21/2023 10:20:48 AM	115.8	115.8
CHIWP075	P-75	9/6/2023 2:50:44 PM	97.1	97.1
CHIWP076	P-76	9/6/2023 3:05:54 PM	93.0	93.0
CHIWP079	P-79	9/28/2023 3:54:53 PM	94.1	93.8
CHIWP079	P-79	9/28/2023 3:56:46 PM	94.7	94.7
CSC2000E	SC-2000E	9/25/2023 12:09:17 PM	112.9	112.7
CSC2001E	SC-2001E	9/14/2023 12:49:02 PM	116.7	116.2
CSC2001W	SC-2001W	9/27/2023 8:42:31 AM	99.6	99.6
CHISW010	SW-10	9/28/2023 5:39:19 PM	87.4	87.4
CHISW115	SW-115	9/11/2023 1:41:50 PM	99.7	99.7
CHSW1445	SW-1445	9/27/2023 9:43:03 AM	82.1	82.2
CHSW1455	SW-1455	9/27/2023 9:37:07 AM	88.2	88.2
CHISW154	SW-154	9/1/2023 10:56:56 AM	90.3	92.1
CHISW154	SW-154	9/21/2023 2:09:12 PM	78.3	76.4
CHISW154	SW-154	9/22/2023 5:39:00 PM	69.7	69.4
CHISW154	SW-154	9/25/2023 12:56:11 PM	89.2	89.2
CHISW154	SW-154	9/26/2023 9:46:02 AM	74.3	74.5
CHISW154	SW-154	9/27/2023 9:04:18 AM	70.7	70.7
CSW17135	SW-17-135	9/27/2023 9:46:41 AM	80.6	80.7
CHISW187	SW-187	9/1/2023 9:53:11 AM	90.0	89.3
CHSW1930	SW-1930	9/1/2023 10:06:16 AM	85.6	85.6
CHSW1930	SW-1930	9/11/2023 8:27:40 AM	80.1	79.8

Attachment D - Well Temperature Data
September 2023

CHSW1930	SW-1930	9/12/2023 8:03:47 AM	80.8	80.8
CHSW1930	SW-1930	9/14/2023 8:48:44 AM	78.2	77.9
CHSW1930	SW-1930	9/15/2023 10:02:58 AM	78.2	78.2
CHSW1930	SW-1930	9/18/2023 11:17:45 AM	86.2	86.2
CHSW1930	SW-1930	9/19/2023 12:39:07 PM	87.0	87.1
CHSW1930	SW-1930	9/20/2023 12:18:55 PM	82.3	82.3
CHSW1930	SW-1930	9/21/2023 11:31:12 AM	80.2	80.3
CHSW1930	SW-1930	9/22/2023 11:20:24 AM	81.5	81.5
CHSW1930	SW-1930	9/25/2023 2:13:00 PM	90.2	90.2
CHSW1930	SW-1930	9/26/2023 10:13:56 AM	82.9	83.0
CHSW1930	SW-1930	9/27/2023 9:52:35 AM	82.2	82.2
CHSW1930	SW-1930	9/29/2023 11:24:53 AM	78.4	78.5
CHISW020	SW-20	9/19/2023 3:41:56 PM	90.9	91.2
CHISW025	SW-25	9/1/2023 10:01:20 AM	85.5	85.5
CHISW025	SW-25	9/5/2023 9:27:26 AM	81.2	81.2
CHISW025	SW-25	9/11/2023 8:36:35 AM	80.5	80.5
CHISW025	SW-25	9/12/2023 8:12:45 AM	79.4	79.4
CHISW025	SW-25	9/14/2023 8:59:45 AM	78.5	78.5
CHISW025	SW-25	9/15/2023 10:12:52 AM	79.2	79.2
CHISW025	SW-25	9/18/2023 11:13:33 AM	87.6	87.6
CHISW025	SW-25	9/19/2023 12:32:17 PM	89.4	89.4
CHISW025	SW-25	9/20/2023 11:58:13 AM	84.3	84.3
CHISW025	SW-25	9/21/2023 11:24:50 AM	79.0	79.0
CHISW025	SW-25	9/22/2023 11:31:19 AM	82.2	82.1
CHISW025	SW-25	9/25/2023 2:03:14 PM	96.0	96.0
CHISW025	SW-25	9/26/2023 10:17:31 AM	83.4	83.2
CHISW025	SW-25	9/27/2023 9:39:48 AM	79.3	79.4
CHISW025	SW-25	9/29/2023 11:11:43 AM	75.9	80.8
CHISW030	SW-30	9/13/2023 1:22:59 PM	85.9	85.8
CHISW030	SW-30	9/14/2023 3:04:52 PM	90.1	90.2
CHISW030	SW-30	9/15/2023 10:28:24 AM	75.9	76.0
CHISW030	SW-30	9/18/2023 11:40:24 AM	84.3	84.4
CHISW030	SW-30	9/19/2023 12:09:59 PM	84.8	84.9
CHISW030	SW-30	9/20/2023 11:39:31 AM	79.0	79.1
CHISW030	SW-30	9/21/2023 11:51:48 AM	76.9	76.9
CHISW030	SW-30	9/22/2023 12:21:40 PM	86.0	85.9
CHISW030	SW-30	9/25/2023 1:38:30 PM	91.3	91.2
CHISW030	SW-30	9/26/2023 10:41:18 AM	84.5	84.4
CHISW030	SW-30	9/27/2023 10:02:14 AM	80.1	80.1
CHISW030	SW-30	9/29/2023 11:43:13 AM	76.3	76.3
CHISW032	SW-32	9/13/2023 1:32:13 PM	89.3	89.3
CHISW032	SW-32	9/14/2023 3:09:50 PM	97.9	97.9
CHISW032	SW-32	9/15/2023 10:36:44 AM	74.5	74.6
CHISW032	SW-32	9/18/2023 11:28:45 AM	94.6	94.8
CHISW032	SW-32	9/19/2023 11:53:47 AM	95.0	95.0
CHISW032	SW-32	9/20/2023 11:24:24 AM	79.8	79.9
CHISW032	SW-32	9/21/2023 11:42:38 AM	81.1	81.1

Attachment D - Well Temperature Data
September 2023

CHISW032	SW-32	9/22/2023 12:12:28 PM	89.5	89.7
CHISW032	SW-32	9/25/2023 1:30:35 PM	98.8	99.0
CHISW032	SW-32	9/26/2023 10:44:39 AM	81.1	81.1
CHISW032	SW-32	9/27/2023 9:55:47 AM	86.4	86.7
CHISW032	SW-32	9/29/2023 11:35:40 AM	71.8	71.8
CHISW064	SW-64	9/13/2023 1:36:31 PM	86.2	86.3
CHISW064	SW-64	9/14/2023 3:07:14 PM	91.6	91.6
CHISW064	SW-64	9/15/2023 10:23:57 AM	74.1	74.1
CHISW064	SW-64	9/18/2023 11:36:18 AM	87.6	87.7
CHISW064	SW-64	9/19/2023 12:04:28 PM	87.1	87.1
CHISW064	SW-64	9/20/2023 11:33:49 AM	78.7	78.8
CHISW064	SW-64	9/21/2023 11:55:44 AM	76.7	76.7
CHISW064	SW-64	9/22/2023 12:25:23 PM	85.3	85.3
CHISW064	SW-64	9/25/2023 1:42:51 PM	92.0	92.2
CHISW064	SW-64	9/26/2023 10:38:42 AM	89.1	89.0
CHISW064	SW-64	9/27/2023 10:05:27 AM	84.1	84.2
CHISW064	SW-64	9/29/2023 11:46:28 AM	75.0	75.0
CHISW065	SW-65	9/11/2023 1:38:48 PM	99.8	99.8
CHISW066	SW-66	9/1/2023 10:58:38 AM	93.1	93.1
CHISW066	SW-66	9/21/2023 2:12:56 PM	76.9	83.2
CHISW066	SW-66	9/21/2023 2:13:00 PM	76.9	83.2
CHISW066	SW-66	9/21/2023 2:14:46 PM	84.2	84.2
CHISW066	SW-66	9/22/2023 5:35:52 PM	85.9	85.2
CHISW066	SW-66	9/25/2023 1:02:13 PM	91.0	91.4
CHISW066	SW-66	9/26/2023 9:43:18 AM	75.9	75.4
CHISW066	SW-66	9/27/2023 9:07:14 AM	86.9	86.9
CHISW068	SW-68	9/13/2023 1:28:01 PM	87.5	87.7
CHISW068	SW-68	9/14/2023 3:11:46 PM	89.8	89.7
CHISW068	SW-68	9/15/2023 10:41:40 AM	76.2	76.1
CHISW068	SW-68	9/18/2023 11:31:59 AM	87.4	87.5
CHISW068	SW-68	9/19/2023 11:58:16 AM	85.7	85.8
CHISW068	SW-68	9/20/2023 11:29:26 AM	77.5	77.6
CHISW068	SW-68	9/21/2023 11:46:47 AM	76.6	76.6
CHISW068	SW-68	9/22/2023 12:16:27 PM	84.6	84.8
CHISW068	SW-68	9/25/2023 1:34:10 PM	89.2	89.5
CHISW068	SW-68	9/26/2023 10:47:58 AM	85.1	85.3
CHISW068	SW-68	9/27/2023 9:59:29 AM	79.1	78.8
CHISW068	SW-68	9/29/2023 11:39:22 AM	74.4	74.4
CHISW007	SW-7	9/1/2023 9:58:13 AM	85.7	85.7
CHISW007	SW-7	9/5/2023 9:31:10 AM	83.0	83.1
CHISW007	SW-7	9/11/2023 8:33:17 AM	81.1	81.1
CHISW007	SW-7	9/12/2023 8:08:41 AM	80.9	80.9
CHISW007	SW-7	9/14/2023 8:55:15 AM	80.3	80.3
CHISW007	SW-7	9/15/2023 10:08:46 AM	80.6	80.7
CHISW007	SW-7	9/18/2023 11:09:01 AM	86.2	86.4
CHISW007	SW-7	9/19/2023 12:26:02 PM	86.8	86.8
CHISW007	SW-7	9/20/2023 11:53:25 AM	82.1	82.1

Attachment D - Well Temperature Data
September 2023

CHISW007	SW-7	9/21/2023 11:18:56 AM	80.5	80.5
CHISW007	SW-7	9/22/2023 11:28:06 AM	82.8	82.8
CHISW007	SW-7	9/25/2023 1:57:56 PM	90.0	89.6
CHISW007	SW-7	9/26/2023 10:20:25 AM	82.5	82.4
CHISW007	SW-7	9/27/2023 9:35:15 AM	81.0	81.0
CHISW007	SW-7	9/29/2023 11:04:02 AM	79.1	79.4
CHISW070	SW-70	9/1/2023 9:58:26 AM	90.2	90.2
CHISW071	SW-71	9/6/2023 10:55:15 AM	86.1	86.1
CHISW072	SW-72	9/6/2023 11:52:24 AM	87.2	87.3
CHISW080	SW-80	9/1/2023 11:26:06 AM	91.7	91.9
CHISW009	SW-9	9/1/2023 9:56:32 AM	87.3	87.6
CHH1959N	TC-1959N	9/26/2023 6:32:43 PM	86.1	82.1
CHH1959N	TC-1959N	9/26/2023 6:34:51 PM	81.7	81.8
CHH1959S	TC-1959S	9/25/2023 2:01:23 PM	118.3	118.3
CHH1961A	TC-1961A	9/29/2023 1:24:04 PM	109.1	109.3
CHH1961C	TC-1961C	9/14/2023 11:17:36 AM	84.5	89.2
CHH1961C	TC-1961C	9/14/2023 12:09:08 PM	91.0	91.0
CHH1961E	TC-1961E	9/23/2023 11:58:27 AM	116.5	116.5
CHH1961W	TC-1961W	9/23/2023 10:47:53 AM	106.6	106.6
CHH2173W	TC-2173	9/18/2023 10:53:31 AM	106.9	107.1
CHTC2174	TC-2174	9/28/2023 4:52:20 PM	141.5	141.5
CHTC2174	TC-2174	9/28/2023 4:53:49 PM	140.9	141.1
CHTC2174	TC-2174	9/28/2023 5:46:54 PM	137.5	137.4
CHTC2378	TC-2378	9/5/2023 10:09:02 AM	150.8	150.3
CHTC2378	TC-2378	9/19/2023 4:21:36 PM	142.8	142.8
CTC2378E	TC-2378E	9/5/2023 9:52:18 AM	113.9	113.9
CTC2378E	TC-2378E	9/26/2023 8:07:58 AM	121.9	121.8
CHTC2379	TC-2379	9/5/2023 12:15:43 PM	133.8	133.0
CHTC2379	TC-2379	9/5/2023 12:17:14 PM	132.8	133.3
CHTC2379	TC-2379	9/11/2023 3:37:47 PM	128.7	128.7
CTC2380E	TC-2380E	9/7/2023 1:30:11 PM	104.1	104.2
CTC2380E	TC-2380E	9/7/2023 1:32:52 PM	104.3	104.3
CTC2380W	TC-2380W	9/6/2023 11:55:33 AM	113.0	113.0
CTC2381E	TC-2381E	9/5/2023 10:44:15 AM	136.1	136.2
CTC2381E	TC-2381E	9/5/2023 10:46:54 AM	136.2	135.7
CTC2381E	TC-2381E	9/14/2023 5:43:02 PM	127.1	127.2
CTC2381E	TC-2381E	9/26/2023 12:26:47 PM	148.3	148.0
CTC2381W	TC-2381W	9/26/2023 6:00:07 PM	91.5	88.8
CTC2381W	TC-2381W	9/26/2023 6:02:34 PM	87.5	87.5
CTC2382A	TC-2382A	9/5/2023 12:09:20 PM	166.0	166.2
CTC2382A	TC-2382A	9/12/2023 4:41:47 PM	164.1	164.1
CTC2382A	TC-2382A	9/19/2023 2:40:03 PM	162.5	162.5
CTC2382A	TC-2382A	9/26/2023 3:09:25 PM	162.2	162.2
CTC2382B	TC-2382B	9/5/2023 11:55:38 AM	169.6	169.6
CTC2382B	TC-2382B	9/12/2023 5:11:51 PM	172.1	172.1
CTC2382B	TC-2382B	9/19/2023 2:50:48 PM	172.8	172.8
CTC2382B	TC-2382B	9/26/2023 3:26:44 PM	161.0	161.1

Attachment D - Well Temperature Data
September 2023

CTC2382B	TC-2382B	9/27/2023 10:33:49 AM	160.8	159.5
CTC2382B	TC-2382B	9/27/2023 10:35:32 AM	160.4	160.4
CTC2382E	TC-2382E	9/5/2023 11:22:05 AM	180.9	180.9
CTC2382E	TC-2382E	9/12/2023 2:32:57 PM	167.3	167.3
CTC2382E	TC-2382E	9/19/2023 2:09:25 PM	171.0	171.0
CTC2382E	TC-2382E	9/26/2023 3:48:20 PM	181.5	181.5
CTC2382W	TC-2382W	9/26/2023 6:40:02 PM	139.5	139.6
CTC2383A	TC-2383A	9/29/2023 3:34:38 PM	122.9	122.8
CTC2383S	TC-2383S	9/25/2023 2:24:00 PM	96.4	96.4
CTC2384A	TC-2384A	9/26/2023 6:12:42 PM	86.8	87.5
CTC2384B	TC-2384B	9/11/2023 3:21:54 PM	102.0	102.3
CTC2384N	TC-2384N	9/29/2023 4:05:54 PM	106.2	106.4
CTC2384S	TC-2384S	9/29/2023 3:56:08 PM	94.0	94.0
CTC2385A	TC-2385A	9/29/2023 5:23:42 PM	175.2	175.2
CTC2385N	TC-2385N	9/7/2023 1:54:13 PM	105.1	105.1
CTC2385S	TC-2385S	9/7/2023 2:23:43 PM	104.8	105.0
CHIWVL02	VL-02	9/25/2023 3:42:56 PM	103.4	103.4

Attachment E

Lab Analysis and Draeger Tube Readings

**Attachment E - Lab Analysis and Draeger Tube Data
September 2023**

Date Sampled	Draeger Tube Readings (ppmv)	Lab Analysis (ppmv)		
	H2S	H2S	DMS	TRS
9/1/2023	19	16.3	161	222.6
9/2/2023	5	5.63	160	207
9/3/2023	3	3.04	168	210.6
9/4/2023	6	4.94	163	202.8
9/5/2023	3	3.86	174	246.3
9/6/2023	6	6.17	156	213.5
9/7/2023	3	3.95	186	256.5
9/8/2023	7	7.48	157	211.6
9/9/2023	6	6.87	162	226.5
9/10/2023	2	3.33	183	234.2
9/11/2023	5	6.13	174	230.3
9/20/2023	9	7.99	199	261.3
9/27/2023	12	15.3	174	269.7

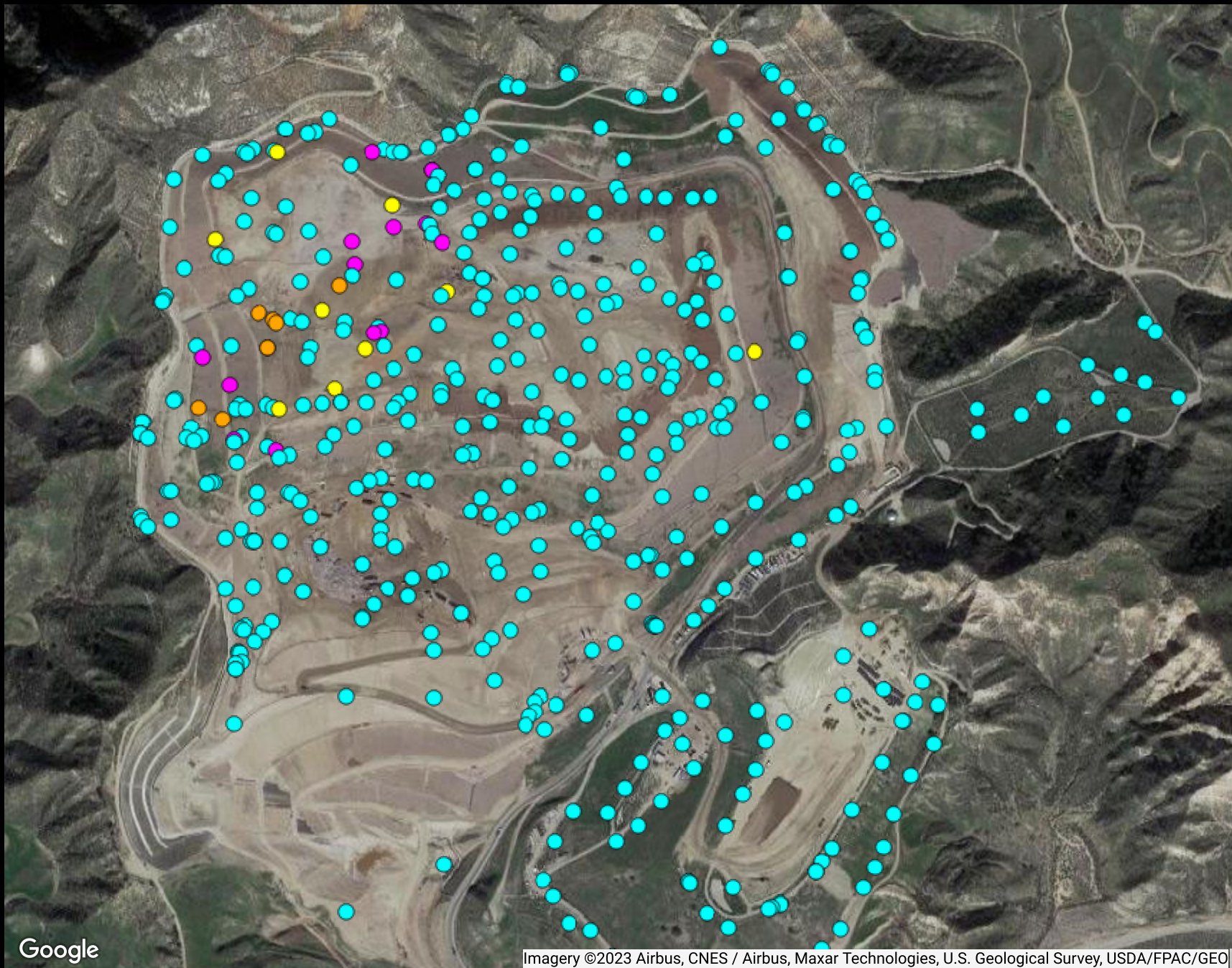
**Attachment E - Lab Analysis and Draeger Tube Data
September 2023**

Chiquita Canyon Landfill H₂S Draeger Tube Readings

Sample Date	Time	H ₂ S (PPM)	Tube Used		Technician
			2 to 20 ppm (6728821)	5 to 60 ppm (29801)	
9/1/23	8:30	19		x	Cage Johnson
9/2/23	8:00	5		x	Fabian Chavez
9/3/23	16:46	3		x	Eric Castro
9/4/23	7:55	6		x	Eric Castro
9/5/23	15:07	3		x	Fabian Chavez
9/6/23	7:35	6		x	Fabian Chavez
9/7/23	16:00	3		x	Fabian Chavez
9/8/23	7:30	7		x	Fabian Chavez
9/9/23	8:29	6		x	Eric Castro
9/10/23	16:15	2		x	Fabian Chavez
9/11/23	9:30	5		x	Fabian Chavez
9/20/23	9:05	9		x	Fabian Chavez
9/27/23	10:15	12		x	Fabian Chavez

Attachment F

Graphic Map



Ranges Mapped			# Points
	> -50	and <= 145	504
	> 145	and <= 160	11
	> 160	and <= 169.99	8
	> 169.99	and <= 999	17

Point Type Legend

 well

Imagery ©2023 Airbus, CNES / Airbus, Maxar Technologies, U.S. Geological Survey, USDA/FPAC/GEO

Chiquita Canyon Landfill

Range Map

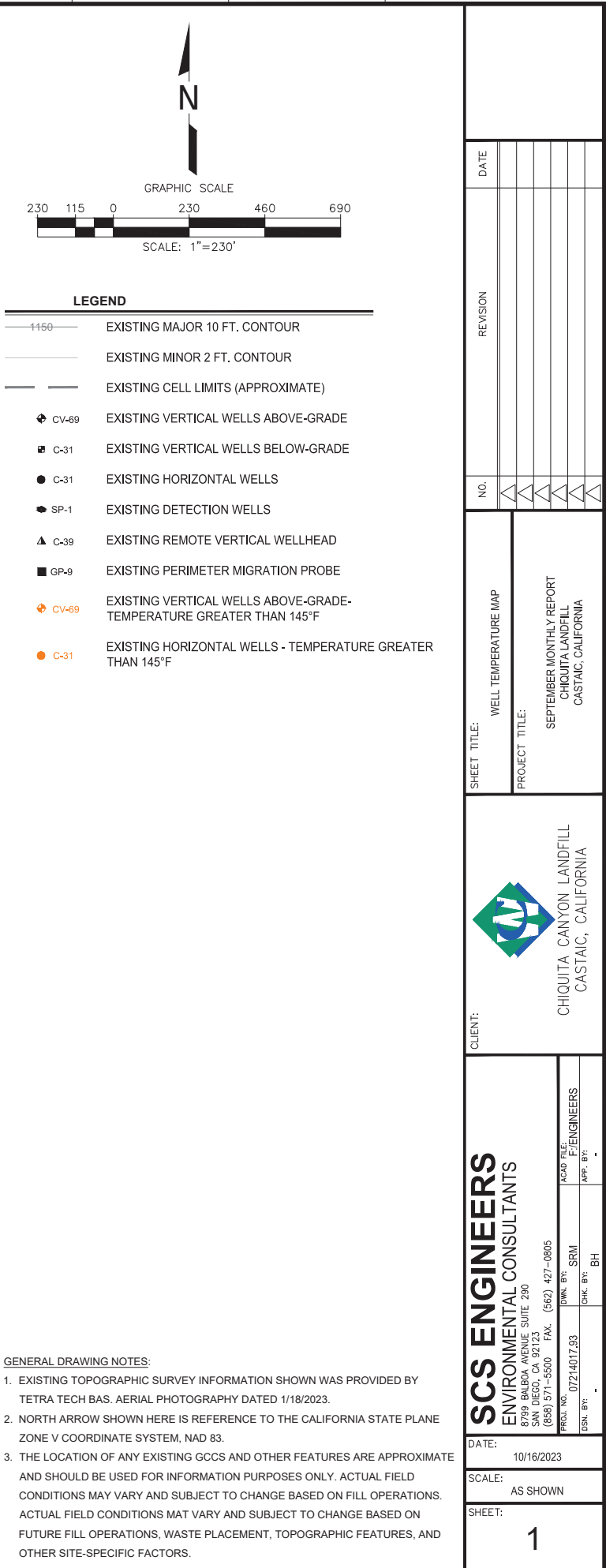
Parameter: AdjTemp

Analysis Method: Average

Date Range: 09/01/2023 - 09/30/2023

Map generation date : 10/13/2023





GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY TETRA TECH BAS, AERIAL PHOTOGRAPHY DATED 1/18/2023.
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 MAY VARY AND SUBJECT TO CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT, TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.

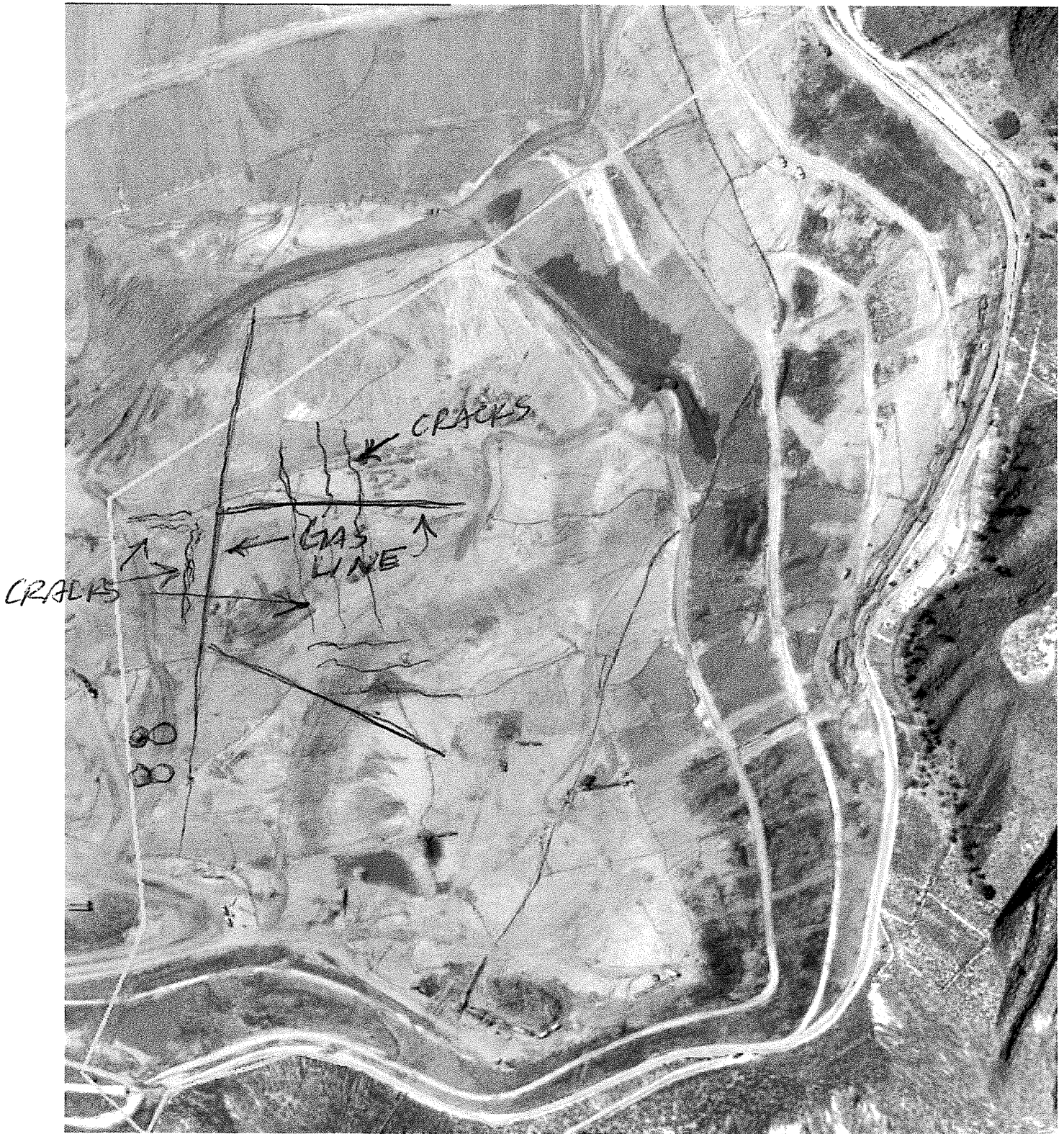
Attachment G

Inspection Logs

9-7-23



9-8-23



9-11-23



9-12-23



9-13-23





9-13-23
Tracked slope for cracks
and odors.



P/14/23
Nothing found



9-15-23



9-18-23



9-18-23 9am 11am
TRACK WALK
- DECK ADDED WATER



9-19-23



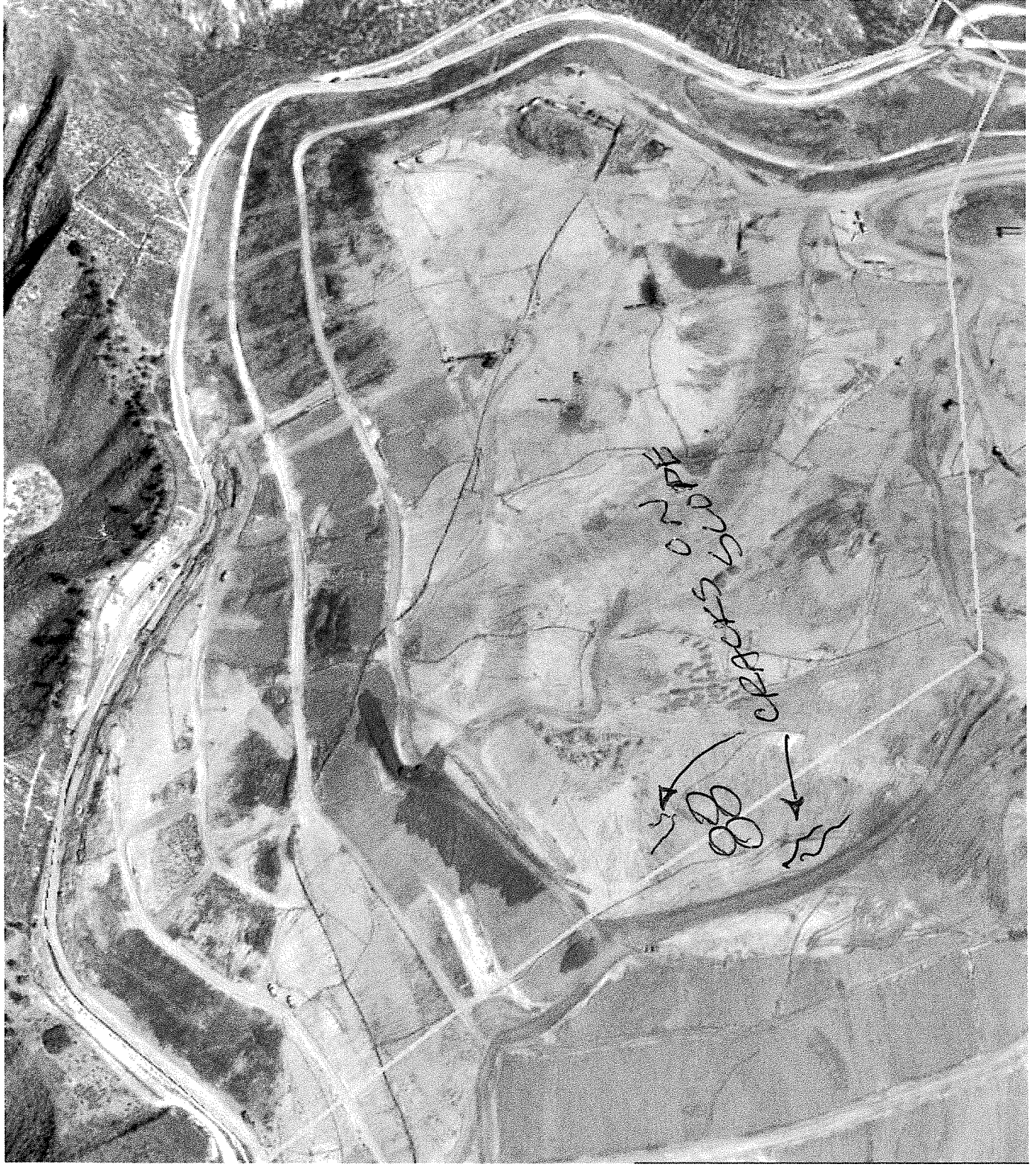
9/20/23
Nothin, Tennel



9/21/23
Nothing Sounded



9-22-23



Nothing
Found
9/25/23



Nothing
Found

9/24/23



Nothing
Found

9/27/23



9-28-23



9/29/27
North In Sound

