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Subject: December 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, LLC (Chiquita), 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). The SOFA was approved on September 6, 2023.

This report covers the monthly period for December 2023. Per Condition No. 8, the monthly report for December 2023 shall be due on the third Monday of January, or January 15, 2024.

BACKGROUND

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

In 2023, CCL began experiencing increased levels of total reduced sulfur and sulfur oxides, in 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.*
B. *The landfill gas records and calculations identified in Condition No. 7, in a Microsoft Excel spreadsheet format.*

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

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

<u>Section A – LFG Sulfur Compound Measurements during Reporting Period</u>

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 forgoing, Respondent shall ensure that the colorimetric tube result is below the upper range of the colorimetric tube used and shall report the precise result of all results above the lowest range of the colorimetric tube used.

The lab analyses performed, and reports received for the reporting period that are required by Condition 5(a) are presented in **Attachment A**. This report includes analytical data sampled between December 1, 2023 and December 31, 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 December 17, 19, 22 and January 2, 2024.

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 December 2023:

	Draeger Tube	SCAQMD Method 307.91 (Concentration in ppmv as H_2S)		
Date of Sample	H_2S (ppm)	H_2S	DMS	TRS
12/7/23	5	8.69	209	312.0
12/14/23	12	13.8	160	241.3
12/20/23	23	21.4	137	202.0
12/27/23	35	33.4	220	347.5

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

<u>Section B – LFG Records and Calculations</u>

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 Envent and Zeeco thermal oxidizers are available in **Attachment B**. The new Flare No. 3 (FL-2023) began operations on November 15, 2023, and the new Zeeco Thermal oxidizer began operations on November 3, 2023.

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.

<u>Section C – Surface Emissions Monitoring</u>

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).

- December's integrated landfill surface sampling was completed on December 12, 13, and 27, 2023, resulting in exceedances on December 12 and 27, 2023.
    - The 10-day Corrective Action and follow-up monitoring was completed for these exceedances on December 19, 2023 and January 4, 2024, respectively, and showed compliant readings.
- November's integrated landfill surface sampling was completed on November 1, 14 and 28, 2023 resulting in exceedances on November 1, 14 and 28, 2023.
    - The 10-day Corrective Action and follow-up monitoring was completed for these exceedances on November 10, November 22, 2023, and December 7, 2023, respectively, and showed compliant readings, except for three (3) events on December 7, 2023. The second 10-day Corrective Action and follow-up monitoring was completed on December 15, 2023 and showed compliant readings for all three (3) events.
- December's instantaneous landfill surface monitoring was conducted on December 6, 18 and 19, 2023, resulting in exceedances on December 6 and 18, 2023.
    - The 10-day Corrective Action and follow-up monitoring was completed on December 15 and 28, 2023, and showed compliant readings.
    - The 1-month re-monitoring was conducted on January 5, 2024 for the exceedances on December 6, 2023, and showed compliant readings. The 1-month re-monitoring for the exceedances on December 18, 2023 will be conducted and reported in the next monthly report.

- November's instantaneous landfill surface monitoring was conducted on November 10 and 22, 2023, resulting in exceedances on November 10 and 22, 2023.
    - The 10-day Corrective Action and follow-up monitoring was completed on November 20 and 30, 2023, and showed compliant readings.
    - The 1-month re-monitoring was completed on December 7 and 19, 2023, and showed compliant readings.

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

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

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

> ***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 (December 1, 2023), all four vessels (ST-1, ST-2, ST-3 and ST-4) were online processing the landfill gas with ST-1 only 10% open to control the rise in temperature of the outlet gas. On December 7, 2023, as vessel ST-4 was taken offline for media replacement, vessel ST-1 was brought fully online. The spent media in vessel ST-4 was removed on December 7, 2023. The manufacturer had a delay in delivering the new BG1 media so the fresh media was not installed until December 15, 2023. Beginning on December 22, 2023, vessel ST-4 was slowly brought online to control the rise in temperature of the outlet gas and the flow through vessel ST-2 was reduced. On December 28, 2023, vessel ST-2 was taken offline and the spent media removed. Fresh media was installed on December 29, 2023. The next media change out is scheduled for January 17 and 18, 2024. At the end of the reporting period (December 31, 2023), three vessels (ST-1, ST-3 and ST-4) were online processing the landfill gas.

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).**

The manufacturer of the BG1 media (Norit Americas Inc.) had a delay in delivering the BG1 granular activated carbon for the December 7 – 8, 2023 change out of vessel ST-4. The delay did not adversely affect the H2S concentration. 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.

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**. **Attachment F** also includes a second map that highlights those wells with measured carbon monoxide concentrations above 1500 parts per million by volume (ppmv). 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. The DMS Committee determination was submitted to the SCAQMD on November 2, 2023 and included in Attachment G of the November 20, 2023 monthly status update report. As of December 31st, CCL has installed pumps in 41 wells determined to have the worst liquid impaction issues exceeding the requirement met by November 2nd when 22 of 25 wells determine to have the worst liquid impaction issues in the Reaction Area (88%) had received pumps.

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

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

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 H_2S 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 was completed early November 2023 using the liquid scrubbers with the temporary Envent thermal oxidizer (TOX) located in the northwest area of the site. The initial analytical results indicate that sodium hypochlorite is able to reduce DMS from the gas stream by 88%, but its capacity to oxidize is diminished quickly in less than a week. Further analysis is needed to determine the effectiveness of sodium hypochlorite.

CCL is also currently in the layout/process flow planning stage for a H_2S and DMS treatment system.

<u>Section K – SCS's Implemented Improvements</u>

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

In December 2023, CCL maintained and replaced the existing 41 de-watering pumps in existing wells to more efficiently remove liquids and improve gas collection efficiency in wells impacted by liquids. An additional 13 wells were drilled and completed and connected to the Landfill gas collection system in December 2023. The new wells and wellfield were tuned and well laterals re-routed to utilize the additional vacuum provided by the second rental TOX, the Zeeco TOX, and the new flare FL-120/FL-2023, Flare 3.

<u>Section L – Cover Inspections to the LFG Collection System</u>

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 and logged throughout the month of December 2023. 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 covers 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 December 2023, 13 new vertical LFG extraction wells were installed. The 13 new vertical wells installed in December were a part of a larger expansion of the well field, including but not limited to additional vertical LFG extraction wells, header and lateral piping and associated valves, that is being planned. 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 dewatering guidelines were submitted to SCAQMD on December 5, 2023 and are posted on Chiquita's website.

The evaluation of vertical wells for the installation of dewatering pumps is ongoing. Prior to December 2023, there were forty-one (41) active wells with dewatering pumps. In the month of December 2023, 40 additional pumps began arriving at the site for installation in both existing wells and new LFG wells. The 41 existing pumps were maintained and replaced as needed for increased pumping efficiency, but the total number of pumps installed remained constant.

<u>Section O – Updates of the Geosynthetic Cover</u>

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.*

As required by Condition No. 25, Chiquita provided an initial update on the status of the procurement and installation of the geosynthetic cover to SCAQMD on October 31. This status update discusses Chiquita's progress since Chiquita's October 31 update. The timeline provided in Chiquita's October 31 update and below is Chiquita's current best estimate, which may continue to change for a variety of reasons. As with any construction project of this size, there may be unanticipated setbacks that cause delays that may cascade through the rest of the timeline. Further, Chiquita is in ongoing discussions with the Local Enforcement Agency concerning cover, which may impact this timeline.

After discussion with the Local Enforcement Agency (LEA), Chiquita has expanded the scope of the area that will be covered by the geosynthetic cover. The geosynthetic cover will now cover western sloped areas of the Reaction Area, northern sloped areas of the Reaction Area, and the top deck of the Reaction Area. Chiquita's revised scope of work, as submitted to and conditionally approved by the LEA, is attached as **Attachment H**.

West Slope Regrading: Chiquita has completed grading the toe on the west side of the Landfill to eliminate the bulge and smooth the slope. Chiquita has also cleared and graded the northern 6 acres for preparation for liner installation.

Existing Liner Repairs: Chiquita has not yet been able to begin liner repairs because Chiquita continues to dewater the west slope to address leachate seepage. Chiquita completed drilling on the west slope as of January 9 and is actively working to install pumps in all wells on the west slope to dewater the western toe enough to repair the liner. Preparing appropriate health and safety plans for the repair work is still ongoing and has taken longer than anticipated.

Existing Liner Repairs: Chiquita has not yet been able to begin liner repairs because Chiquita continues to dewater the west slope to address leachate seepage. Chiquita completed drilling on the west slope as of January 9th and is actively working to install pumps in all wells on the west slope to dewater the western toe enough to repair the liner. Preparing appropriate health and safety plans for the repair work is still ongoing and has taken longer than anticipated.

Cutoff Trench: Construction of this trench began in mid-November as Chiquita completed the west slope regrading. Chiquita will continue evaluating the plans for this trench as dewatering of the west slope continues.

Clearing and Grubbing: Clearing and grubbing of the first 6 acres of cover area has been completed. Future clearing and grubbing will continue as cover construction progresses.

Landfill Gas (LFG) Surface/Horizontal Collectors: Chiquita has been evaluating alternative options to allow for faster placement of the geosynthetic cover. Chiquita anticipates proceeding with the installation of surface collectors by the end of January in advance of the placement of the geosynthetic cover.

Bench Grading: Chiquita has begun this work in the northern-most 6 acres of the cover area.

Subgrade Prep: Chiquita has begun this work in the northern-most 6 acres of the cover area.

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

Geosynthetic Cover Placement: Chiquita anticipates beginning placement of the cover material after subgrade prep, bench grading, and surface collectors installation have been completed.

Bench Collector & Operations Layer: As noted in Chiquita's October 31 update, this work will begin once the geosynthetic cover material is in place.

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
Vice President
SCS Engineers

JJK/GFS/PSS

Enclosures

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

Attachment A

Lab Analyses from the Reporting Period

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

specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: December 17, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: December 7, 2023
Date Received: December 7, 2023
Date Analyzed: December 7, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	23413-16
Sample I.D.:	FL-100

Components	*(Concentration in ppmv)*
Hydrogen sulfide	8.69
Carbonyl sulfide	0.91
Methyl mercaptan	8.23
Ethyl mercaptan	<0.50
Dimethyl sulfide	209
Carbon disulfide	<0.50
i-Propyl mercaptan	<0.50
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	3.91
s-Butyl mercaptan	3.87
i-Butyl mercaptan	<0.50
Dimethyl disulfide	18.4
Tetrahydrothiophene	3.13
Unidentified sulfurs	37.4

(Concentration in ppmv, as H_2S)

Total Sulfur	312.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-100	8.45	8.92	8.69	5.4
Carbonyl sulfide	FL-100	0.89	0.93	0.91	4.4
Methyl mercaptan	FL-100	8.19	8.26	8.23	0.85
Ethyl mercaptan	FL-100	<0.50	<0.50	---	---
Dimethyl sulfide	FL-100	206	212	209	2.9
Carbon disulfide	FL-100	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-100	<0.50	<0.50	---	---
t-Butyl mercaptan	FL-100	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-100	3.84	3.97	3.91	3.3
s-Butyl mercaptan	FL-100	3.84	3.90	3.87	1.6
i-Butyl mercaptan	FL-100	<0.50	<0.50	---	---
Dimethyl disulfide	FL-100	18.2	18.6	18.4	2.2
Tetrahydrothiophene	FL-100	3.19	3.07	3.13	3.8
Unidentified sulfurs	FL-100	36.3	38.6	37.4	6.2

One Tedlar bag sample, laboratory number 23413-16, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 9 repeat measurements from one Tedlar bag sample is 3.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name SCS Engineers / Chiquita Canyon	**Project Location** Castaic, CA
Project No. 07214017.91 Task 2	**Field Logbook No.**
Sampler: *(Signature)* Eric Castro	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-100	Landfill Gas	23413-16	12/7/23	11:20AM	X						Filtered
					X						

Relinquished by: *(Signature)* Eric Castro	**Date** 12/7/23	**Time** 1:20PM	**Received by: *(Signature)***	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received by: *(Signature)***	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by: *(Signature)***	**Date** 12/7/23	**Time** 1:20

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

AtmAA Inc.
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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: December 17, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: December 14, 2023
Date Received: December 14, 2023
Date Analyzed: December 14, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	23483-8
Sample I.D.:	FL-100

Components	*(Concentration in ppmv)*
Hydrogen sulfide	13.8
Carbonyl sulfide	0.88
Methyl mercaptan	8.87
Ethyl mercaptan	<0.50
Dimethyl sulfide	160
Carbon disulfide	<0.50
i-Propyl mercaptan	0.53
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.52
s-Butyl mercaptan	2.42
i-Butyl mercaptan	<0.50
Dimethyl disulfide	11.2
Tetrahydrothiophene	1.70
Unidentified sulfurs	28.3

(Concentration in ppmv, as H_2S)

Total Sulfur	241.3

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Sampled: December 14, 2023
Date Received: December 14, 2023
Date Analyzed: December 14, 2023

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-100	13.8	13.8	13.8	0.00
Carbonyl sulfide	FL-100	0.82	0.93	0.88	13
Methyl mercaptan	FL-100	8.93	8.81	8.87	1.4
Ethyl mercaptan	FL-100	<0.50	<0.50	---	---
Dimethyl sulfide	FL-100	160	160	160	0.00
Carbon disulfide	FL-100	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-100	0.54	0.51	0.53	5.7
t-Butyl mercaptan	FL-100	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-100	2.59	2.45	2.52	5.6
s-Butyl mercaptan	FL-100	2.46	2.37	2.42	3.7
i-Butyl mercaptan	FL-100	<0.50	<0.50	---	---
Dimethyl disulfide	FL-100	11.4	10.9	11.2	4.5
Tetrahydrothiophene	FL-100	1.66	1.73	1.70	4.1
Unidentified sulfurs	FL-100	27.9	28.7	28.3	2.9

One Tedlar bag sample, laboratory number 23483-8, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.0%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07214017.91 Task 2	**Field Logbook No.**
Sampler: *(Signature)* Eric Castro	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-2009	Landfill Gas	23463-4	12/14/23	10:15am	X						*FL100 on bag ID Filtered / 12ppm
					X						

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	12/14/23	2:33pm			
Relinquished by: *(Signature)*	**Date**	**Time**	**Received by: *(Signature)***	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by: *(Signature)***	**Date**	**Time**
				12/14/23	2:33

Company Info:

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

Send Report to:

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

Analytical Laboratory

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

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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: December 22, 2023
Client: SCS Engineers
Project Location: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2
Date Sampled: December 20, 2023
Date Received: December 20, 2023
Date Analyzed: December 20, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.:	23543-18
Sample I.D.:	FL-100 (2009)

Components	*(Concentration in ppmv)*
Hydrogen sulfide	21.4
Carbonyl sulfide	0.83
Methyl mercaptan	15.5
Ethyl mercaptan	<0.50
Dimethyl sulfide	137
Carbon disulfide	<0.50
i-Propyl mercaptan	0.68
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	2.25
s-Butyl mercaptan	2.09
i-Butyl mercaptan	<0.50
Dimethyl disulfide	5.80
Tetrahydrothiophene	1.09
Unidentified sulfurs	10.1

(Concentration in ppmv, as H_2S)

Total Sulfur	202.0

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-100 (2009)	21.9	20.9	21.4	4.7
Carbonyl sulfide	FL-100 (2009)	0.81	0.85	0.83	4.8
Methyl mercaptan	FL-100 (2009)	15.9	15.1	15.5	5.2
Ethyl mercaptan	FL-100 (2009)	<0.50	<0.50	---	---
Dimethyl sulfide	FL-100 (2009)	138	135	137	2.2
Carbon disulfide	FL-100 (2009)	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-100 (2009)	0.69	0.67	0.68	2.9
t-Butyl mercaptan	FL-100 (2009)	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-100 (2009)	2.29	2.21	2.25	3.6
s-Butyl mercaptan	FL-100 (2009)	2.12	2.05	2.09	3.4
i-Butyl mercaptan	FL-100 (2009)	<0.50	<0.50	---	---
Dimethyl disulfide	FL-100 (2009)	5.98	5.62	5.80	6.2
Tetrahydrothiophene	FL-100 (2009)	1.12	1.05	1.09	6.5
Unidentified sulfurs	FL-100 (2009)	10.2	10.0	10.1	2.5

One Tedlar bag sample, laboratory number 23543-18, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 4.2%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07214017.91 Task 2	**Field Logbook No.**
Sampler: *(Signature)*	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)						Special Remarks
FL-100 (2009)	Landfill Gas	23543-18	12/20/23	9:25am	X						Filtered

Relinquished by: *(Signature)*	Date	Time	Received by: *(Signature)*	Date	Time
	12/20/23	11:34am			
Relinquished by: *(Signature)*	**Date**	**Time**	**Received by: *(Signature)***	**Date**	**Time**
Relinquished by: *(Signature)*	**Date**	**Time**	**Received for Laboratory by: *(Signature)***	**Date**	**Time**
				12/20/23	11:34

Company Info:

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

Send Report to:

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

Analytical Laboratory

AtmAA Inc.
23917 Craftsman Rd.
Calabasas, CA 91302
TEL: (818) 223-3277
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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: January 2, 2024
Client: SCS Engineers
Project Location: Chiquita Canyon
Project No.: 07214017.91 Task 2
Date Sampled: December 27, 2023
Date Received: December 27, 2023
Date Analyzed: December 27, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.: 23613-17
Sample I.D.: FL-2023

Components	*(Concentration in ppmv)*
Hydrogen sulfide	33.4
Carbonyl sulfide	1.18
Methyl mercaptan	36.1
Ethyl mercaptan	<0.50
Dimethyl sulfide	220
Carbon disulfide	<0.50
i-Propyl mercaptan	1.75
t-Butyl mercaptan	<0.50
n-Propyl mercaptan	4.58
s-Butyl mercaptan	4.72
i-Butyl mercaptan	<0.50
Dimethyl disulfide	8.24
Tetrahydrothiophene	2.68
Unidentified sulfurs	26.7

(Concentration in ppmv, as H_2S)

Total Sulfur	347.5

Brian W. Fung
Laboratory Director

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

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

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Hydrogen sulfide	FL-2023	32.9	33.8	33.4	2.7
Carbonyl sulfide	FL-2023	1.05	1.30	1.18	21
Methyl mercaptan	FL-2023	34.7	37.4	36.1	7.5
Ethyl mercaptan	FL-2023	<0.50	<0.50	---	---
Dimethyl sulfide	FL-2023	224	216	220	3.6
Carbon disulfide	FL-2023	<0.50	<0.50	---	---
i-Propyl mercaptan	FL-2023	1.78	1.72	1.75	3.4
t-Butyl mercaptan	FL-2023	<0.50	<0.50	---	---
n-Propyl mercaptan	FL-2023	4.26	4.90	4.58	14
s-Butyl mercaptan	FL-2023	5.01	4.42	4.72	13
i-Butyl mercaptan	FL-2023	<0.50	<0.50	---	---
Dimethyl disulfide	FL-2023	8.34	8.14	8.24	2.4
Tetrahydrothiophene	FL-2023	2.79	2.56	2.68	8.6
Unidentified sulfurs	FL-2023	26.0	27.4	26.7	5.4

One Tedlar bag sample, laboratory number 23613-17, was analyzed for total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 10 repeat measurements from one Tedlar bag sample is 8.1%.

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LABORATORY ANALYSIS REPORT

Permanent Gases and Hydrogen Analysis in Tedlar Bag Samples

Report Date: January 2, 2024
Client: SCS Engineers
Project Name: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 2

Date Sampled: December 27, 2023
Date Received: December 27, 2023
Date Analyzed: December 27-29, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.	Sample ID	Methane (%v)	Carbon Dioxide (%v)	Oxygen (%v)	Nitrogen (%v)	Hydrogen (%v)
23613-17	FL-2023	32.29	43.28	3.94	17.38	2.00

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

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Name: Chiquita Canyon Landfill
Date Sampled: December 27, 2023
Date Received: December 27, 2023
Date Analyzed: December 27-29, 2023

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in %,v)			
Methane	FL-2023	32.48	32.10	32.29	1.2
Carbon dioxide	FL-2023	43.43	43.13	43.28	0.69
Oxygen	FL-2023	3.92	3.96	3.94	1.0
Nitrogen	FL-2023	17.22	17.53	17.38	1.8
Hydrogen	FL-2023	2.00	2.00	2.00	0.00

One Tedlar bag sample, laboratory number 23613-17, was analyzed for permanent gases and hydrogen. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 5 repeat measurements from 1 Tedlar bag sample is 0.93%.

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LABORATORY ANALYSIS REPORT

Carbon Monoxide Analysis in Tedlar Bag Samples

Report Date: January 2, 2024
Client: SCS Engineers
Project Name: Chiquita Canyon Landfill
Project No.: 07214017.91 Task 1

Date Sampled: December 27, 2023
Date Received: December 27, 2023
Date Analyzed: December 27, 2023

ANALYSIS DESCRIPTION

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

AtmAA Lab No.	Sample ID	Carbon Monoxide *(Conc. in ppmv)*
23613-17	FL-2023	968

Michael S. Porter
Senior Analyst

QUALITY ASSURANCE SUMMARY
(Repeat Analysis)

Project Name: Chiquita Canyon Landfill
Date Sampled: December 27, 2023
Date Received: December 27, 2023
Date Analyzed: December 27, 2023

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Carbon Monoxide	FL-2023	976	960	968	1.7

One Tedlar bag sample, laboratory number 23613-17, was analyzed for carbon monoxide. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 1 repeat measurement from 3 Tedlar bag samples is 1.7%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
SCS Engineers / Chiquita Canyon	Castaic, CA
Project No. 07214017.91 Task 2	**Field Logbook No.**
Sampler: (Signature) Cage Johnson	**Chain of Custody Tape No.**

ANALYSES REQUESTED

Sample No./ Identification	Type of Sample	AtmAA Lab Number	Sampling Date	Sampling Time	TRS (307.91)	Fixed Gases	CO	H2			Special Remarks
FL-2023	Landfill Gas	23613-17	12/27/23	08:46am	X	X	X	X			Filtered
											H2S ___35____ PPM

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Cage Johnson	12/27/23	09:00am	LUIS FARFAN	12/27/23	10:00
Relinquished by: (Signature) LUIS FARFAN	**Date** 12/27/23	**Time** 10:47	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory by: (Signature)**	**Date** 12/27/23	**Time** 10:47

Company Info:

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

Send Report to:

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

Analytical Laboratory

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

Attachment B

Calculations

Chiquita Canyon Landfill
Total Emissions
Monthly Report Period: December 2023

	Flare No. 1 John Zink (FL-150) (FL-1995)				Flare No. 2 John Zink (Zule) (FL-100) (FL-2009)				Flare No. 3 John Zink (Zule) (FL-2023)				Envent Thermal Oxidizer (TOx)	Zeeco Thermal Oxidizer (TOx)	All Control Devices (Flare No. 1, Flare No. 2, Flare No. 3, Envent, Zeeco)			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)	Runtime (hr)	Flow Rate (scfm)	Flow Rate (scf/hr)	Total LFG Combusted (scf)	Total LFG Combusted (scf)	Total LFG Combusted (scf)	Total Flow Rate (scfm)	Total Flow Rate (scf/hr)	
12/1/2023	0	0.00	0	0	317,800	2.12	221	13,242	6,575,158	24.00	4,566	273,965	2,158,560	2,160,000	11,211,518	7,786	467,147	--
12/2/2023	0	0.00	0	0	3,767,321	24.00	2,616	156,972	5,604,523	24.00	3,892	233,522	2,158,560	2,124,000	13,654,404	9,482	568,933	--
12/3/2023	0	0.00	0	0	3,880,947	24.00	2,695	161,706	5,624,283	24.00	3,906	234,345	2,158,560	1,625,450	13,289,240	9,229	553,718	--
12/4/2023	0	0.00	0	0	4,145,011	23.50	2,878	172,709	5,779,540	24.00	4,014	240,814	2,158,560	574,275	12,657,386	8,790	527,391	--
12/5/2023	0	0.00	0	0	4,195,688	24.00	2,914	174,820	5,728,772	24.00	3,978	238,699	2,158,560	1,876,000	13,959,020	9,694	581,626	--
12/6/2023	0	0.00	0	0	4,168,448	24.00	2,895	173,685	5,072,281	24.00	3,522	211,345	2,158,560	994,125	12,393,414	8,607	516,392	--
12/7/2023	0	0.00	0	0	4,341,309	22.43	3,015	180,888	5,122,356	24.00	3,557	213,431	2,158,560	675,000	12,297,224	8,540	512,384	312
12/8/2023	0	0.00	0	0	4,524,844	24.00	3,142	188,535	3,814,402	19.02	2,649	158,933	2,158,560	1,888,125	12,385,931	8,601	516,080	--
12/9/2023	0	0.00	0	0	4,982,930	24.00	3,460	207,622	3,678,089	19.17	2,554	153,254	2,158,560	1,872,000	12,691,579	8,814	528,816	--
12/10/2023	0	0.00	0	0	4,884,276	24.00	3,392	203,512	4,892,716	24.00	3,398	203,863	2,158,560	1,836,000	13,771,552	9,564	573,815	--
12/11/2023	0	0.00	0	0	4,625,896	24.00	3,212	192,746	4,325,375	24.00	3,004	180,224	1,741,838	1,673,750	12,366,858	8,588	515,286	--
12/12/2023	40,107	0.40	28	1,671	3,304,896	16.05	2,295	137,704	4,778,987	24.00	3,319	199,124	2,068,620	1,761,550	11,954,160	8,301	498,090	--
12/13/2023	0	0.00	0	0	4,881,121	23.88	3,390	203,380	5,027,440	24.00	3,491	209,477	1,791,645	1,489,200	13,189,406	9,159	549,559	--
12/14/2023	285,140	2.25	198	11,881	4,684,065	24.00	3,253	195,169	4,892,270	24.00	3,397	203,845	1,474,470	1,687,300	13,023,245	9,044	542,635	241
12/15/2023	0	0.00	0	0	4,444,385	24.00	3,086	185,183	4,829,523	24.00	3,354	201,230	1,599,858	1,549,050	12,422,815	8,627	517,617	--
12/16/2023	0	0.00	0	0	4,415,670	24.00	3,066	183,986	4,782,382	24.00	3,321	199,266	1,565,220	1,620,000	12,383,272	8,599	515,970	--
12/17/2023	0	0.00	0	0	1,782,726	10.82	1,238	74,280	5,458,832	24.00	3,791	227,451	1,536,735	1,584,000	10,362,293	7,196	431,762	--
12/18/2023	0	0.00	0	0	1,721,785	10.17	1,196	71,741	5,916,910	24.00	4,109	246,538	1,246,465	1,437,275	10,322,434	7,168	430,101	--
12/19/2023	0	0.00	0	0	4,207,370	24.00	2,922	175,307	5,006,012	24.00	3,476	208,584	1,671,840	1,100,400	11,985,622	8,323	499,401	--
12/20/2023	0	0.00	0	0	3,992,119	24.00	2,772	166,338	5,016,323	24.00	3,484	209,013	1,323,540	1,161,325	11,493,307	7,981	478,888	202
12/21/2023	0	0.00	0	0	3,994,170	24.00	2,774	166,424	5,035,343	24.00	3,497	209,806	1,561,545	1,088,000	11,679,057	8,110	486,627	--
12/22/2023	0	0.00	0	0	3,305,652	21.27	2,296	137,736	4,433,673	21.03	3,079	184,736	1,671,840	1,608,000	11,019,165	7,652	459,132	--
12/23/2023	0	0.00	0	0	3,857,472	23.77	2,679	160,728	4,086,969	24.00	2,838	170,290	1,494,090	2,160,000	11,598,530	8,055	483,272	--
12/24/2023	0	0.00	0	0	3,824,573	22.98	2,656	159,357	4,366,185	24.00	3,032	181,924	1,327,200	2,160,000	11,677,958	8,110	486,582	--
12/25/2023	0	0.00	0	0	3,624,912	24.00	2,517	151,038	4,324,814	24.00	3,003	180,201	1,365,120	2,160,000	11,474,846	7,969	478,119	--
12/26/2023	0	0.00	0	0	2,725,468	18.20	1,893	113,561	4,679,006	24.00	3,249	194,959	1,355,280	2,160,000	10,919,754	7,583	454,990	--
12/27/2023	0	0.00	0	0	662,209	3.95	460	27,592	5,806,108	24.00	4,032	241,921	1,364,130	2,160,000	9,992,447	6,939	416,352	348
12/28/2023	0	0.00	0	0	4,423,726	23.93	3,072	184,322	4,479,503	24.00	3,111	186,646	1,365,120	2,160,000	12,428,349	8,631	517,848	--
12/29/2023	0	0.00	0	0	3,396,182	17.52	2,358	141,508	5,147,223	24.00	3,574	214,468	1,365,120	2,160,000	12,068,524	8,381	502,855	--
12/30/2023	0	0.00	0	0	4,232,878	24.00	2,939	176,370	4,429,087	24.00	3,076	184,545	1,365,120	2,160,000	12,187,085	8,463	507,795	--
12/31/2023	0	0.00	0	0	3,711,042	24.00	2,577	154,627	4,443,803	24.00	3,086	185,158	1,365,120	2,160,000	11,679,965	8,111	486,665	--

*Flare Flow and Runtime from chart recorder data. 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: December 2023

Date	Flare 1, 2, 3, Envent, Zeeco 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)
12/1/2023	11,211,518	--	--	2,944,338	--
12/2/2023	13,654,404	--	--	2,931,310	--
12/3/2023	13,289,240	--	--	2,924,583	--
12/4/2023	12,657,386	--	--	2,373,011	--
12/5/2023	13,959,020	--	--	2,206,032	--
12/6/2023	12,393,414	--	--	2,848,752	--
12/7/2023	12,297,224	--	--	2,655,377	--
12/8/2023	12,385,931	--	--	3,733,207	--
12/9/2023	12,691,579	--	--	4,574,555	--
12/10/2023	13,771,552	--	--	4,043,755	--
12/11/2023	12,366,858	--	--	5,588,488	--
12/12/2023	11,954,160	--	--	4,706,942	--
12/13/2023	13,189,406	--	--	2,715,618	--
12/14/2023	13,023,245	--	--	3,492,573	--
12/15/2023	12,422,815	--	--	4,318,515	--
12/16/2023	12,383,272	--	--	4,275,050	--
12/17/2023	10,362,293	--	--	4,388,661	--
12/18/2023	10,322,434	--	--	4,209,821	--
12/19/2023	11,985,622	--	--	4,309,999	--
12/20/2023	11,493,307	--	--	4,281,885	--
12/21/2023	11,679,057	--	--	4,298,967	--
12/22/2023	11,019,165	--	--	5,054,024	--
12/23/2023	11,598,530	--	--	5,396,007	--
12/24/2023	11,677,958	--	--	4,574,792	--
12/25/2023	11,474,846	--	--	4,913,813	--
12/26/2023	10,919,754	--	--	5,511,498	--
12/27/2023	9,992,447	--	--	5,698,106	--
12/28/2023	12,428,349	--	--	4,898,060	--
12/29/2023	12,068,524	--	--	3,575,563	--
12/30/2023	12,187,085	--	--	5,576,656	--
12/31/2023	11,679,965	--	--	5,823,284	--
Total/Average					**--**

[1]Total 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.

[2]Actual 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 November 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, 1/21/23 (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	11/20/2023	Installed new vertical wells on West Slope	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	11/20/2023	Installed new vertical wells on West Slope	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	11/20/2023	Installed new vertical wells on West Slope	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				
201/79	10/3/2023	79	Moisture Condition, Soil/Dirt Compaction	10/13/2023	22.5	NA	NA	NA	NA	NA	NA				
202/60	10/3/2023	60	Moisture Condition, Soil/Dirt Compaction	10/13/2023	18.2	NA	NA	NA	NA	NA	NA				
203/37	10/3/2023	37	Moisture Condition, Soil/Dirt Compaction	10/13/2023	19.6	NA	NA	NA	NA	NA	NA				
174/35	10/3/2023	35	Moisture Condition, Soil/Dirt Compaction	10/13/2023	13.3	NA	NA	NA	NA	NA	NA				
169/36	10/3/2023	36	Moisture Condition, Soil/Dirt Compaction	10/13/2023	15.4	NA	NA	NA	NA	NA	NA				
170/27	10/3/2023	27	Moisture Condition, Soil/Dirt Compaction	10/13/2023	22.2	NA	NA	NA	NA	NA	NA				
206/25	10/3/2023	25	Moisture Condition, Soil/Dirt Compaction	10/13/2023	23	NA	NA	NA	NA	NA	NA				
205/26	10/3/2023	26	Moisture Condition, Soil/Dirt Compaction	10/13/2023	24	NA	NA	NA	NA	NA	NA				
158/145	10/17/2023	145	Moisture Condition, Soil/Dirt Compaction	10/17/2023	12.72	NA	NA	NA	NA	NA	NA				
152/150	10/17/2023	150	Moisture Condition, Soil/Dirt Compaction	10/17/2023	13.82	NA	NA	NA	NA	NA	NA				
206/30	10/17/2023	30	Moisture Condition, Soil/Dirt Compaction	10/17/2023	33.22	Moisture Condition, Soil/Dirt Compaction	11/3/2023	23	NA	NA	NA				
204/29	10/17/2023	29	Moisture Condition, Soil/Dirt Compaction	10/17/2023	18.35	NA	NA	NA	NA	NA	NA				
201/27	10/17/2023	27	Moisture Condition, Soil/Dirt Compaction	10/17/2023	24.50	NA	NA	NA	NA	NA	NA				
202/25	10/17/2023	25	Moisture Condition, Soil/Dirt Compaction	10/17/2023	22.10	NA	NA	NA	NA	NA	NA				
177/151	11/1/2023	151	Moisture Condition, Soil/Dirt Compaction	11/10/2023	24.50	NA	NA	NA	NA	NA	NA				
203/179	11/1/2023	179	Moisture Condition, Soil/Dirt Compaction	11/10/2023	21.95	NA	NA	NA	NA	NA	NA				
206/31	11/1/2023	31	Moisture Condition, Soil/Dirt Compaction	11/10/2023	24.30	NA	NA	NA	NA	NA	NA				
207/28	11/1/2023	28	Moisture Condition, Soil/Dirt Compaction	11/10/2023	23.21	NA	NA	NA	NA	NA	NA				
205/40	11/1/2023	40	Moisture Condition, Soil/Dirt Compaction	11/10/2023	22.71	NA	NA	NA	NA	NA	NA				
176/63	11/14/2023	63	Track walk/compact soil	11/22/2023	24.00	NA	NA	NA	NA	NA	NA				
177/43	11/14/2023	43	Track walk/compact soil	11/22/2023	20.00	NA	NA	NA	NA	NA	NA				
202/115	11/14/2023	115	Track walk/compact soil	11/22/2023	23.00	NA	NA	NA	NA	NA	NA				
174/64	11/14/2023	64	Track walk/compact soil	11/22/2023	18.00	NA	NA	NA	NA	NA	NA				
206/35	11/14/2023	35	Track walk/compact soil	11/22/2023	21.00	NA	NA	NA	NA	NA	NA				
169/28	11/14/2023	28	Track walk/compact soil	11/22/2023	23.00	NA	NA	NA	NA	NA	NA				
170/31	11/14/2023	31	Track walk/compact soil	11/22/2023	22.00	NA	NA	NA	NA	NA	NA				
180/31	11/28/2023	31	Track walk/compact soil	12/7/2023	22.00	NA	NA	NA	NA	NA	NA				
177/56	11/28/2023	56	Track walk/compact soil	12/7/2023	34.00	Moisture Condition, Soil/Dirt Compaction	12/15/2023	24.2	NA	NA	NA				
174/25	11/28/2023	25	Track walk/compact soil	12/7/2023	21.00	NA	NA	NA	NA	NA	NA				
202/43	11/28/2023	43	Track walk/compact soil	12/7/2023	37.00	Moisture Condition, Soil/Dirt Compaction	12/15/2023	16	NA	NA	NA				
206/37	11/28/2023	37	Track walk/compact soil	12/7/2023	32.00	Moisture Condition, Soil/Dirt Compaction	12/15/2023	8.7	NA	NA	NA				
176/28	11/28/2023	28	Track walk/compact soil	12/7/2023	23.00	NA	NA	NA	NA	NA	NA				
175/90	12/12/2023	90	Track walk/compact soil	12/19/2023	22.00	NA	NA	NA	NA	NA	NA				
183/61	12/12/2023	61	Track walk/compact soil	12/19/2023	23.00	NA	NA	NA	NA	NA	NA				
173/65	12/12/2023	65	Track walk/compact soil	12/19/2023	21.00	NA	NA	NA	NA	NA	NA				
202/53	12/12/2023	53	Track walk/compact soil	12/19/2023	18.00	NA	NA	NA	NA	NA	NA				
203/59	12/12/2023	59	Track walk/compact soil	12/19/2023	20.00	NA	NA	NA	NA	NA	NA				
205/44	12/12/2023	44	Track walk/compact soil	12/19/2023	20.00	NA	NA	NA	NA	NA	NA				
180/36	12/27/2023	36	Track walk/compact soil	1/4/2024	15.00	NA	NA	NA	NA	NA	NA				
175/67	12/27/2023	67	Track walk/compact soil	1/4/2024	18.00	NA	NA	NA	NA	NA	NA				
173/34	12/27/2023	34	Track walk/compact soil	1/4/2024	12.00	NA	NA	NA	NA	NA	NA				
203/38	12/27/2023	38	Track walk/compact soil	1/4/2024	16.00	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
169/30	12/27/2023	30	Track walk/compact soil	1/4/2024	22.00	NA	NA	NA	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	3/3/2023	2,000	Moisture Condition, Soil/Dirt	3/13/2023	836	Moisture Condition,	3/24/2023	441	4/27/2023	Installed deep trench	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				
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				

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/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				
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				

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
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				
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	34.5				
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				

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
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				
			Moisture Condition, Soil/Dirt Compaction	10/20/2023	24.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	24.2				
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				
			Moisture Condition, Soil/Dirt Compaction	10/20/2023	23.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	21.1				
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				
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				
			Moisture Condition, Soil/Dirt Compaction	10/20/2023	21.89	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	23.2				
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				
			Moisture Condition, Soil/Dirt Compaction	10/20/2023	20.99	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	18.8				
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	Moisture Condition, Soil/Dirt Compaction	10/13/2023	22.91	Moisture Condition, Soil/Dirt Compaction	10/19/2023	58				
189/Y82	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	96.29	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	31				
189/Y83	9/27/2023	2,900	Moisture Condition, Soil/Dirt Compaction	10/6/2023	844.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	22.5	Moisture Condition, Soil/Dirt Compaction	10/19/2023	392				
181/Y84	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	50.12	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	106				
201/Y85	9/27/2023	1,800	Moisture Condition, Soil/Dirt Compaction	10/6/2023	239.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	254				
201/Y86	9/27/2023	800	Moisture Condition, Soil/Dirt Compaction	10/6/2023	74.16	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	93				
203/Y87	9/27/2023	1,132	Moisture Condition, Soil/Dirt Compaction	10/6/2023	680.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	23.12	Moisture Condition, Soil/Dirt Compaction	10/19/2023	78				
205/Y88	9/27/2023	8,900	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,322.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	24.75	Moisture Condition, Soil/Dirt Compaction	10/19/2023	487				
206/Y89	9/27/2023	1,730	Moisture Condition, Soil/Dirt Compaction	10/6/2023	2,159.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	23.52	Moisture Condition, Soil/Dirt Compaction	10/19/2023	69				
185/Y61	9/27/2023	835	Moisture Condition, Soil/Dirt Compaction	10/6/2023	126.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	122				
177/Y62	9/27/2023	521	Moisture Condition, Soil/Dirt Compaction	10/6/2023	67.31	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	100				
177/Y63	9/27/2023	615	Moisture Condition, Soil/Dirt Compaction	10/6/2023	104.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	216				
171/Y64	9/27/2023	815	Moisture Condition, Soil/Dirt Compaction	10/6/2023	256.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	43				
182/Y11	9/27/2023	2,000	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,631.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	15.86	Moisture Condition, Soil/Dirt Compaction	10/19/2023	324				
203/Y12	9/27/2023	2,500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,249.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	14.75	Moisture Condition, Soil/Dirt Compaction	10/19/2023	307				
159/Y01	9/27/2023	2,700	Moisture Condition, Soil/Dirt Compaction	10/6/2023	98.50	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	271				
154/Y02	9/27/2023	1,128	Moisture Condition, Soil/Dirt Compaction	10/6/2023	75.06	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	51				
152/Y03	9/27/2023	5,599	Moisture Condition, Soil/Dirt Compaction	10/6/2023	283.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	492				
152/Y04	9/27/2023	1,200	Moisture Condition, Soil/Dirt Compaction	10/6/2023	20.23	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	63				
170/Y41	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	966.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	15.42	Moisture Condition, Soil/Dirt Compaction	10/19/2023	21				
176/Y42	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	714.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	15.98	Moisture Condition, Soil/Dirt Compaction	10/19/2023	233				
183/Y43	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,008.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	18.18	Moisture Condition, Soil/Dirt Compaction	10/19/2023	163				
183/Y44	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	847.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	24.32	Moisture Condition, Soil/Dirt Compaction	10/19/2023	111				
173/Y45	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	680.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	23.5	Moisture Condition, Soil/Dirt Compaction	10/19/2023	72				
168/Y46	9/27/2023	500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,352.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	21.45	Moisture Condition, Soil/Dirt Compaction	10/19/2023	79				
166/Y71	9/27/2023	1,953	Moisture Condition, Soil/Dirt Compaction	10/6/2023	382.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	224				
165/Y72	9/27/2023	2,615	Moisture Condition, Soil/Dirt Compaction	10/6/2023	460.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	281				
154/Y73	9/27/2023	1,205	Moisture Condition, Soil/Dirt Compaction	10/6/2023	324.00	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	10/19/2023	132				
149/Y74	9/27/2023	8,500	Moisture Condition, Soil/Dirt Compaction	10/6/2023	1,100.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	24.31	Moisture Condition, Soil/Dirt Compaction	10/19/2023	478				
149/Y75	9/27/2023	7,800	Moisture Condition, Soil/Dirt Compaction	10/6/2023	759.00	Moisture Condition, Soil/Dirt Compaction	10/13/2023	23.54	Moisture Condition, Soil/Dirt Compaction	10/19/2023	456				
184/Y1	10/11/2023	600	Moisture Condition, Soil/Dirt Compaction	10/20/2023	14.96	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	23				
184/Y2	10/11/2023	725	Moisture Condition, Soil/Dirt Compaction	10/20/2023	55.26	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	19				

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
183/Y3	10/11/2023	1,500	Moisture Condition, Soil/Dirt Compaction	10/20/2023	50.35	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	17				
183/Y4	10/11/2023	1,200	Moisture Condition, Soil/Dirt Compaction	10/20/2023	24.3	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	21				
183/Y5	10/11/2023	1,250	Moisture Condition, Soil/Dirt Compaction	10/20/2023	22.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	17				
187/Y6	10/11/2023	650	Moisture Condition, Soil/Dirt Compaction	10/20/2023	17.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	12				
187/Y7	10/11/2023	715	Moisture Condition, Soil/Dirt Compaction	10/20/2023	23.7	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	15				
156/Y51	10/11/2023	5,600	Moisture Condition, Soil/Dirt Compaction	10/20/2023	134	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	19				
152/Y52	10/11/2023	9,200	Moisture Condition, Soil/Dirt Compaction	10/20/2023	220	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	24				
146/Y53	10/11/2023	4,800	Moisture Condition, Soil/Dirt Compaction	10/20/2023	95.4	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	12				
147/Y54	10/11/2023	5,100	Moisture Condition, Soil/Dirt Compaction	10/20/2023	75.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	20				
152/Y55	10/11/2023	5,700	Moisture Condition, Soil/Dirt Compaction	10/20/2023	23.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	23				
157/Y56	10/11/2023	4,000	Moisture Condition, Soil/Dirt Compaction	10/20/2023	22.1	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	17				
202/Y31	10/11/2023	1,300	Moisture Condition, Soil/Dirt Compaction	10/20/2023	32.71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	24				
202/Y32	10/11/2023	1,000	Moisture Condition, Soil/Dirt Compaction	10/20/2023	163	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	16				
202/Y33	10/11/2023	1,200	Moisture Condition, Soil/Dirt Compaction	10/20/2023	23.2	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	23				
203/Y34	10/11/2023	1,100	Moisture Condition, Soil/Dirt Compaction	10/20/2023	24.05	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	18				
181/Y11	10/11/2023	600	Moisture Condition, Soil/Dirt Compaction	10/20/2023	23.45	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	12				
201/Y12	10/11/2023	2,000	Moisture Condition, Soil/Dirt Compaction	10/20/2023	32.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	18				
179/Y13	10/11/2023	500	Moisture Condition, Soil/Dirt Compaction	10/20/2023	109	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	24				
77/Y14	10/11/2023	800	Moisture Condition, Soil/Dirt Compaction	10/20/2023	21.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	10				
201/Y21	10/11/2023	900	Moisture Condition, Soil/Dirt Compaction	10/20/2023	45.64	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	18				
101/Y22	10/11/2023	1,200	Moisture Condition, Soil/Dirt Compaction	10/20/2023	65.42	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	24				
172/Y23	10/11/2023	1,500	Moisture Condition, Soil/Dirt Compaction	10/20/2023	22.33	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	23				
172/Y24	10/11/2023	500	Moisture Condition, Soil/Dirt Compaction	10/20/2023	34.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	24				
173/Y25	10/11/2023	900	Moisture Condition, Soil/Dirt Compaction	10/20/2023	17.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	19				
175/Y26	10/11/2023	900	Moisture Condition, Soil/Dirt Compaction	10/20/2023	22.1	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	18				
175/Y27	10/11/2023	2,200	Moisture Condition, Soil/Dirt Compaction	10/20/2023	101	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	15				
175/Y28	10/11/2023	500	Moisture Condition, Soil/Dirt Compaction	10/20/2023	17.55	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	17				
204/Y61	10/11/2023	2,800	Moisture Condition, Soil/Dirt Compaction	10/20/2023	23.8	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	19				
208/Y62	10/11/2023	3,840	Moisture Condition, Soil/Dirt Compaction	10/20/2023	21.05	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	13				
208/Y63	10/11/2023	3,200	Moisture Condition, Soil/Dirt Compaction	10/20/2023	19.53	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	16				
165/Y64	10/11/2023	5,100	Moisture Condition, Soil/Dirt Compaction	10/20/2023	24.84	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	13				
163/Y65	10/11/2023	4,700	Moisture Condition, Soil/Dirt Compaction	10/20/2023	132	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	18				
165/Y66	10/11/2023	2,700	Moisture Condition, Soil/Dirt Compaction	10/20/2023	23.22	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	21				
165/Y67	10/11/2023	1,650	Moisture Condition, Soil/Dirt Compaction	10/20/2023	19.54	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/9/2023	24				
149/Y61	10/25/2023	3,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	19.31	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	125				
149/Y62	10/25/2023	1,400	Moisture Condition, Soil/Dirt Compaction	11/3/2023	22.32	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	43				
149/Y63	10/25/2023	3,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	17.42	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	61				
180/Y11	10/25/2023	1,200	Moisture Condition, Soil/Dirt Compaction	11/3/2023	23.71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	20				
180/Y12	10/25/2023	700	Moisture Condition, Soil/Dirt Compaction	11/3/2023	24.2	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	20				
180/Y13	10/25/2023	4,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	18.65	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	125				
181/Y14	10/25/2023	700	Moisture Condition, Soil/Dirt Compaction	11/3/2023	21.55	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	41				
179/Y15	10/25/2023	1,500	Moisture Condition, Soil/Dirt Compaction	11/3/2023	20.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	30				
150/Y16	10/25/2023	650	Moisture Condition, Soil/Dirt Compaction	11/3/2023	20.33	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	23				
165/Y51	10/25/2023	3,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	19.23	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	15				
160/Y52	10/25/2023	800	Moisture Condition, Soil/Dirt Compaction	11/3/2023	23.1	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	34				
90/Y53	10/25/2023	8,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	21.57	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	72				
155/Y54	10/25/2023	6,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	23.71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	43				
174/Y31	10/25/2023	2,500	Moisture Condition, Soil/Dirt Compaction	11/3/2023	19.05	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	120				
174/Y32	10/25/2023	1,800	Moisture Condition, Soil/Dirt Compaction	11/3/2023	36.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	85				
202/Y33	10/25/2023	1,200	Moisture Condition, Soil/Dirt Compaction	11/3/2023	41.81	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	21				
205/Y41	10/25/2023	600	Moisture Condition, Soil/Dirt Compaction	11/3/2023	37.29	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	165				
205/Y42	10/25/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	33.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	325				
192/Y1	10/25/2023	2,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	21.22	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	45				
192/Y2	10/25/2023	4,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	18.59	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	18				
192/Y3	10/25/2023	800	Moisture Condition, Soil/Dirt Compaction	11/3/2023	19.28	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	26				
192/Y4	10/25/2023	1,600	Moisture Condition, Soil/Dirt Compaction	11/3/2023	15.42	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	17				
191/Y5	10/25/2023	2,400	Moisture Condition, Soil/Dirt Compaction	11/3/2023	23.22	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	38				
189/Y6	10/25/2023	1,700	Moisture Condition, Soil/Dirt Compaction	11/3/2023	17.85	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	26				
189/Y7	10/25/2023	1,400	Moisture Condition, Soil/Dirt Compaction	11/3/2023	22.98	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	41				
187/Y8	10/25/2023	1,600	Moisture Condition, Soil/Dirt Compaction	11/3/2023	19.54	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	20				
184/Y9	10/25/2023	2,500	Moisture Condition, Soil/Dirt Compaction	11/3/2023	20.12	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	15				
184/Y10	10/25/2023	3,000	Moisture Condition, Soil/Dirt Compaction	11/3/2023	33.1	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	11/21/2023	34				
176/CV2303	11/8/2023	672	Increased applied vacuum to well CV-2303. Added and compacted soil around casing.	11/17/2023	180	N/A	N/A	N/A	Moisture Condition, Soil/Dirt Compaction	12/7/2023	34				
177/H1964C	11/8/2023	1,216	Increased applied vacuum to well H-1964C. Added and compacted soil around casing.	11/17/2023	342	N/A	N/A	N/A	Moisture Condition, Soil/Dirt Compaction	12/7/2023	206				
174/CV2339	11/8/2023	1,900	Verified maximum vacuum applied and adjusted adjacent wells. Added and compacted soil around casing.	11/17/2023	156	N/A	N/A	N/A	Moisture Condition, Soil/Dirt Compaction	12/7/2023	319				
202/CV1532A	11/8/2023	945	Verified maximum vacuum applied and adjusted adjacent wells. Remonitored 11/17/23 with higher vacuum applied. Added and compacted soil around casing.	11/17/2023	2000	Verified maximum vacuum applied and adjusted adjacent wells. Installed well bore seal, added and compacted soil around casing.	11/28/2023	36	Moisture Condition, Soil/Dirt Compaction	12/7/2023	102				

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
169/CV1532	11/8/2023	800	Increased applied vacuum to well CV-1532. Added and compacted soil around casing.	11/17/2023	83	N/A	N/A	N/A	Moisture Condition, Soil/Dirt Compaction	12/7/2023	44				
203/CV1534A	11/8/2023	1,385	Verified maximum vacuum applied and adjusted adjacent wells. Remonitored 11/15/23 with higher vacuum applied. Added and compacted soil around casing.	11/17/2023	800	Verified maximum vacuum applied and adjusted adjacent wells. Installed well bore seal, added and compacted soil around casing.	11/28/2023	7	Moisture Condition, Soil/Dirt Compaction	12/7/2023	170				
203/CV1534	11/8/2023	985	Adjusted adjacent wells. Added and compacted soil around casing.	11/17/2023	100	N/A	N/A	N/A	Moisture Condition, Soil/Dirt Compaction	12/7/2023	149				
202/CV2354	11/8/2023	1,136	Verified applied vacuum and adjusted adjacent wells. Added and compacted soil around casing.	11/17/2023	40	N/A	N/A	N/A	Moisture Condition, Soil/Dirt Compaction	12/7/2023	66				
202/Surface	11/8/2023	1,000	Scrim cover over area. Unable to safely access for follow-up monitoring.	12/7/2023	84.13	N/A	N/A	NA	Moisture Condition, Soil/Dirt Compaction	1/12/2024	42				
175/CV2353	11/8/2023	1,200	Verified maximum vacuum applied and adjusted adjacent wells. Added and compacted soil around casing.	11/17/2023	3700	Verified maximum vacuum applied and adjusted adjacent wells. Installed well bore seal, added and compacted soil around casing.	11/28/2023	22.3	Moisture Condition, Soil/Dirt Compaction	12/7/2023	64				
174/CV2342A	11/8/2023	669	Verified maximum vacuum applied and adjusted adjacent wells. Added and compacted soil around casing.	11/17/2023	470	N/A	N/A	N/A	Moisture Condition, Soil/Dirt Compaction	12/7/2023	22				
83/Y161	11/10/2023	1,900	Moisture Condition, Soil/Dirt Compaction	11/20/2023	34.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	350				
83/Y162	11/10/2023	3,100	Moisture Condition, Soil/Dirt Compaction	11/20/2023	47.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	175				
83/Y163	11/10/2023	21,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	64.2	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	401				
88/Y164	11/10/2023	9,999	Moisture Condition, Soil/Dirt Compaction	11/20/2023	71.15	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	455				
89/Y165	11/10/2023	2,300	Moisture Condition, Soil/Dirt Compaction	11/20/2023	52.51	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	421				
96/Y166	11/10/2023	700	Moisture Condition, Soil/Dirt Compaction	11/20/2023	27.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	126				
193/Y167	11/10/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	81.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	223				
192/Y168	11/10/2023	800	Moisture Condition, Soil/Dirt Compaction	11/20/2023	91.2	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	158				
192/Y169	11/10/2023	1,200	Moisture Condition, Soil/Dirt Compaction	11/20/2023	71.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	474				
165/Y103	11/10/2023	547	Moisture Condition, Soil/Dirt Compaction	11/20/2023	81.23	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	110				
78/Y1	11/10/2023	13,692	Moisture Condition, Soil/Dirt Compaction	11/20/2023	41.61	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	461				
77/Y25	11/10/2023	7,331	Moisture Condition, Soil/Dirt Compaction	11/20/2023	51.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	455				
150/Y33	11/10/2023	4,091	Moisture Condition, Soil/Dirt Compaction	11/20/2023	41.37	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	319				
187/Y4	11/10/2023	5,230	Moisture Condition, Soil/Dirt Compaction	11/20/2023	77.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	326				
187/Y5	11/10/2023	28,624	Moisture Condition, Soil/Dirt Compaction	11/20/2023	35.47	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	419				
184/Y6	11/10/2023	669	Moisture Condition, Soil/Dirt Compaction	11/20/2023	7.32	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	325				
179/Y7	11/10/2023	765	Moisture Condition, Soil/Dirt Compaction	11/20/2023	5.24	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	198				
179/Y8	11/10/2023	8,563	Moisture Condition, Soil/Dirt Compaction	11/20/2023	21.23	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	226				
180/Y9	11/10/2023	515	Moisture Condition, Soil/Dirt Compaction	11/20/2023	37.48	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	117				
180/Y10	11/10/2023	6,892	Moisture Condition, Soil/Dirt Compaction	11/20/2023	15.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	482				
183/Y11	11/10/2023	2,324	Moisture Condition, Soil/Dirt Compaction	11/20/2023	13.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	342				
189/Y12	11/10/2023	3,642	Moisture Condition, Soil/Dirt Compaction	11/20/2023	68.72	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	232				
189/Y13	11/10/2023	3,105	Moisture Condition, Soil/Dirt Compaction	11/20/2023	17.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	471				
146/Y41	11/10/2023	680	Moisture Condition, Soil/Dirt Compaction	11/20/2023	51.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	123				
147/Y42	11/10/2023	530	Moisture Condition, Soil/Dirt Compaction	11/20/2023	43.1	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	99				
147/Y43	11/10/2023	692	Moisture Condition, Soil/Dirt Compaction	11/20/2023	18.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	43				
151/Y44	11/10/2023	702	Moisture Condition, Soil/Dirt Compaction	11/20/2023	25.3	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	36				
156/Y45	11/10/2023	1,292	Moisture Condition, Soil/Dirt Compaction	11/20/2023	50.25	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	204				
176/Y46	11/10/2023	19,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	75.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	462				
173/Y47	11/10/2023	4,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	18.29	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	458				
175/Y48	11/10/2023	6,780	Moisture Condition, Soil/Dirt Compaction	11/20/2023	17.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	396				
201/Y49	11/10/2023	1,250	Moisture Condition, Soil/Dirt Compaction	11/20/2023	16.02	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	401				
148/Y81	11/10/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	18.21	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	248				
149/Y82	11/10/2023	500	Moisture Condition, Soil/Dirt Compaction	11/20/2023	30.27	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	70				
149/Y83	11/10/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	40.38	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	101				
154/Y84	11/10/2023	2,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	53.35	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	24				
154/Y85	11/10/2023	2,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	121	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	13				
153/Y86	11/10/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	91.71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	137				
158/Y87	11/10/2023	2,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	50.39	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	464				
159/Y88	11/10/2023	2,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	18.61	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	429				
166/Y89	11/10/2023	1,500	Moisture Condition, Soil/Dirt Compaction	11/20/2023	30.75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	14				
170/Y90	11/10/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	19.71	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	256				
168/Y91	11/10/2023	8,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	39.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	180				
169/Y92	11/10/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	13.42	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	317				
203/Y93	11/10/2023	3,000	Moisture Condition, Soil/Dirt Compaction	11/20/2023	196	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	461				
204/Y94	11/10/2023	1,500	Moisture Condition, Soil/Dirt Compaction	11/20/2023	15.23	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/7/2023	494				
90/B102	11/10/2023	208	Moisture Condition, Soil/Dirt Compaction	11/20/2023	33.1	NA	NA	NA	NA	NA	NA				
146/B41	11/10/2023	390	Moisture Condition, Soil/Dirt Compaction	11/20/2023	15.21	NA	NA	NA	NA	NA	NA				
176/B42	11/10/2023	330	Moisture Condition, Soil/Dirt Compaction	11/20/2023	75.1	NA	NA	NA	NA	NA	NA				
152/B42	11/10/2023	289	Moisture Condition, Soil/Dirt Compaction	11/20/2023	41.2	NA	NA	NA	NA	NA	NA				
151/B43	11/10/2023	218	Moisture Condition, Soil/Dirt Compaction	11/20/2023	33.15	NA	NA	NA	NA	NA	NA				
151/B44	11/10/2023	320	Moisture Condition, Soil/Dirt Compaction	11/20/2023	27.33	NA	NA	NA	NA	NA	NA				
151/B45	11/10/2023	289	Moisture Condition, Soil/Dirt Compaction	11/20/2023	13.5	NA	NA	NA	NA	NA	NA				
156/B46	11/10/2023	210	Moisture Condition, Soil/Dirt Compaction	11/20/2023	50.71	NA	NA	NA	NA	NA	NA				
157/B47	11/10/2023	347	Moisture Condition, Soil/Dirt Compaction	11/20/2023	22.21	NA	NA	NA	NA	NA	NA				
172/B48	11/10/2023	218	Moisture Condition, Soil/Dirt Compaction	11/20/2023	30.35	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/B49	11/10/2023	230	Moisture Condition, Soil/Dirt Compaction	11/20/2023	19.33	NA	NA	NA	NA	NA	NA				
177/B50	11/10/2023	290	Moisture Condition, Soil/Dirt Compaction	11/20/2023	41.42	NA	NA	NA	NA	NA	NA				
176/B51	11/10/2023	279	Moisture Condition, Soil/Dirt Compaction	11/20/2023	25.31	NA	NA	NA	NA	NA	NA				
179/B52	11/10/2023	230	Moisture Condition, Soil/Dirt Compaction	11/20/2023	17.27	NA	NA	NA	NA	NA	NA				
183/Y1	11/22/2023	800	Moisture Condition, Soil/Dirt Compaction	11/30/2023	200	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	146				
183/Y2	11/22/2023	600	Moisture Condition, Soil/Dirt Compaction	11/30/2023	110	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	218				
180/Y3	11/22/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/30/2023	270	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	56				
175/Y51	11/22/2023	659	Moisture Condition, Soil/Dirt Compaction	11/30/2023	126	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	138				
174/Y52	11/22/2023	859	Moisture Condition, Soil/Dirt Compaction	11/30/2023	97	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	123				
169/Y53	11/22/2023	1,229	Moisture Condition, Soil/Dirt Compaction	11/30/2023	203	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	214				
176/Y54	11/22/2023	620	Moisture Condition, Soil/Dirt Compaction	11/30/2023	107	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	196				
173/Y55	11/22/2023	995	Moisture Condition, Soil/Dirt Compaction	11/30/2023	75	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	84				
207/Y41	11/22/2023	1,200	Moisture Condition, Soil/Dirt Compaction	11/30/2023	190	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	99				
207/Y42	11/22/2023	1,000	Moisture Condition, Soil/Dirt Compaction	11/30/2023	54	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	102				
204/Y43	11/22/2023	3,000	Moisture Condition, Soil/Dirt Compaction	11/30/2023	250	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	284				
187/Y11	11/22/2023	2,700	Moisture Condition, Soil/Dirt Compaction	11/30/2023	470	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	348				
187/Y12	11/22/2023	2,300	Moisture Condition, Soil/Dirt Compaction	11/30/2023	421	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	264				
184/Y13	11/22/2023	900	Moisture Condition, Soil/Dirt Compaction	11/30/2023	140	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	361				
179/Y14	11/22/2023	4,600	Moisture Condition, Soil/Dirt Compaction	11/30/2023	380	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	12/19/2023	251				
178/Y41	12/6/2023	10,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	402	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	45				
157/Y42	12/6/2023	3,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	463	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	129				
207/Y1	12/6/2023	1,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	31.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	59				
203/Y2	12/6/2023	1,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	415	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	87				
183/Y21	12/6/2023	1,331	Moisture Condition, Soil/Dirt Compaction	12/15/2023	488	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	387				
182/Y11	12/6/2023	3,888	Moisture Condition, Soil/Dirt Compaction	12/15/2023	23.3	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	302				
181/Y12	12/6/2023	500	Moisture Condition, Soil/Dirt Compaction	12/15/2023	29.6	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	24				
181/Y13	12/6/2023	500	Moisture Condition, Soil/Dirt Compaction	12/15/2023	15.7	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	78				
181/Y14	12/6/2023	556	Moisture Condition, Soil/Dirt Compaction	12/15/2023	40.8	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	111				
175/Y15	12/6/2023	1,221	Moisture Condition, Soil/Dirt Compaction	12/15/2023	42.3	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	193				
175/Y16	12/6/2023	900	Moisture Condition, Soil/Dirt Compaction	12/15/2023	328	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	102				
174/Y17	12/6/2023	1,421	Moisture Condition, Soil/Dirt Compaction	12/15/2023	331	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	80				
168/Y18	12/6/2023	1,921	Moisture Condition, Soil/Dirt Compaction	12/15/2023	270	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	97				
169/Y19	12/6/2023	500	Moisture Condition, Soil/Dirt Compaction	12/15/2023	71.3	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	151				
169/Y20	12/6/2023	500	Moisture Condition, Soil/Dirt Compaction	12/15/2023	48.4	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	166				
183/Y71	12/6/2023	8,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	20.1	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	439				
183/Y72	12/6/2023	7,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	19.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	481				
180/Y73	12/6/2023	800	Moisture Condition, Soil/Dirt Compaction	12/15/2023	37.8	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	73				
180/Y74	12/6/2023	6,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	10.7	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	299				
180/Y75	12/6/2023	3,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	340	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	304				
176/Y76	12/6/2023	2,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	268	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	56				
176/Y77	12/6/2023	8,000	Moisture Condition, Soil/Dirt Compaction	12/15/2023	322	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	449				
176/Y78	12/6/2023	500	Moisture Condition, Soil/Dirt Compaction	12/15/2023	300	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	36				
168/Y79	12/6/2023	500	Moisture Condition, Soil/Dirt Compaction	12/15/2023	10.7	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	71				
166/Y31	12/6/2023	650	Moisture Condition, Soil/Dirt Compaction	12/15/2023	194	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	40				
172/Y32	12/6/2023	575	Moisture Condition, Soil/Dirt Compaction	12/15/2023	110	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	54				
184/Y33	12/6/2023	590	Moisture Condition, Soil/Dirt Compaction	12/15/2023	10.4	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	119				
187/Y34	12/6/2023	900	Moisture Condition, Soil/Dirt Compaction	12/15/2023	10.9	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	123				
177/Y35	12/6/2023	500	Moisture Condition, Soil/Dirt Compaction	12/15/2023	19.9	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	84				
210/Y52	12/6/2023	890	Moisture Condition, Soil/Dirt Compaction	12/15/2023	40.1	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	61				
211/Y53	12/6/2023	641	Moisture Condition, Soil/Dirt Compaction	12/15/2023	4.5	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	152				
208/Y54	12/6/2023	518	Moisture Condition, Soil/Dirt Compaction	12/15/2023	57.2	NA	NA	NA	Moisture Condition, Soil/Dirt Compaction	1/5/2024	100				
165/Y21	12/18/2023	3,500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	425	NA	NA	NA							
169/Y22	12/18/2023	800	Moisture Condition, Soil/Dirt Compaction	12/28/2023	170	NA	NA	NA							
173/Y23	12/18/2023	6,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	350	NA	NA	NA							
176/Y24	12/18/2023	2,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	198	NA	NA	NA							
204/Y1	12/18/2023	1,200	Moisture Condition, Soil/Dirt Compaction	12/28/2023	85	NA	NA	NA							
204/Y2	12/18/2023	1,500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	110	NA	NA	NA							
207/Y3	12/18/2023	2,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	275	NA	NA	NA							
206/Y4	12/18/2023	3,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	140	NA	NA	NA							
183/Y31	12/18/2023	1,500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	121	NA	NA	NA							
180/Y32	12/18/2023	500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	60	NA	NA	NA							
180/Y33	12/18/2023	2,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	98	NA	NA	NA							
183/Y34	12/18/2023	3,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	205	NA	NA	NA							
183/Y35	12/18/2023	1,200	Moisture Condition, Soil/Dirt Compaction	12/28/2023	371	NA	NA	NA							
176/Y36	12/18/2023	1,300	Moisture Condition, Soil/Dirt Compaction	12/28/2023	466	NA	NA	NA							
176/Y37	12/18/2023	2,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	250	NA	NA	NA							
186/Y51	12/18/2023	500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	50	NA	NA	NA							
156/Y52	12/18/2023	500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	75	NA	NA	NA							
178/Y53	12/18/2023	1,323	Moisture Condition, Soil/Dirt Compaction	12/28/2023	328	NA	NA	NA							
156/Y54	12/18/2023	8,622	Moisture Condition, Soil/Dirt Compaction	12/28/2023	410	NA	NA	NA							
156/Y55	12/18/2023	500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	65	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
158/Y56	12/18/2023	852	Moisture Condition, Soil/Dirt Compaction	12/28/2023	128	NA	NA	NA							
157/Y57	12/18/2023	500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	72	NA	NA	NA							
158/Y58	12/18/2023	2,966	Moisture Condition, Soil/Dirt Compaction	12/28/2023	226	NA	NA	NA							
159/Y59	12/18/2023	500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	89	NA	NA	NA							
184/Y41	12/18/2023	7,500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	382	NA	NA	NA							
187/Y42	12/18/2023	10,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	417	NA	NA	NA							
179/Y43	12/18/2023	950	Moisture Condition, Soil/Dirt Compaction	12/28/2023	200	NA	NA	NA							
177/Y44	12/18/2023	2,500	Moisture Condition, Soil/Dirt Compaction	12/28/2023	387	NA	NA	NA							
172/Y45	12/18/2023	5,600	Moisture Condition, Soil/Dirt Compaction	12/28/2023	379	NA	NA	NA							
171/Y46	12/18/2023	20,000	Moisture Condition, Soil/Dirt Compaction	12/28/2023	418	NA	NA	NA							
202/Y11	12/18/2023	707	Moisture Condition, Soil/Dirt Compaction	12/28/2023	165	NA	NA	NA							
203/Y12	12/18/2023	537	Moisture Condition, Soil/Dirt Compaction	12/28/2023	130	NA	NA	NA							
204/Y13	12/18/2023	677	Moisture Condition, Soil/Dirt Compaction	12/28/2023	95	NA	NA	NA							

Attachment D

Wellhead Temperature Data

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWA001	A-01	12/13/23 10:59	83.1	83.1
CHIWA002	A-02	12/13/23 11:03	89.1	89.1
CHIWA003	A-03	12/13/23 11:09	84.4	84.5
CHIWA004	A-04	12/13/23 11:12	91.5	91.5
CHIWA005	A-05	12/31/23 9:07	79.4	79.4
CHIWB001	B-01	12/15/23 9:38	71.1	71.1
CHIWB02R	B-02R	12/15/23 9:17	71.1	71.2
CHIWB03R	B-03R	12/15/23 9:21	71.2	71.3
CHIWB005	B-05	12/15/23 7:42	82.0	82.1
CHIWB006	B-06	12/15/23 7:50	64.3	64.4
CHIWB07R	B-07R	12/15/23 8:42	67.0	67.0
CHIWB008	B-08	12/31/23 9:16	81.2	81.3
CHIWB009	B-09	12/15/23 8:36	85.7	85.7
CHIWB010	B-10	12/15/23 8:27	66.2	66.2
CHIWB011	B-11	12/15/23 8:16	86.0	86.0
CHIWB012	B-12	12/15/23 9:29	87.2	87.2
CHIWB013	B-13	12/15/23 8:52	70.2	70.2
CHIWB014	B-14	12/15/23 8:09	65.9	66.0
CHIWC001	C-01	12/31/23 8:54	46.6	46.6
CHIWC003	C-03	12/31/23 9:48	58.0	57.9
CHIWC007	C-07	12/31/23 9:35	46.2	46.2
CHIWC008	C-08	12/13/23 10:34	86.9	87.1
CHIWC010	C-10	12/31/23 10:58	61.3	61.3
CHIWC011	C-11	12/31/23 10:39	91.8	91.9
CHIWC012	C-12	12/12/23 10:17	88.1	87.9
CHIWC013	C-13	12/12/23 10:41	64.9	64.7
CHIWC013	C-13	12/12/23 10:43	63.9	64.1
CHIWC015	C-15	12/12/23 10:32	98.7	98.9
CHIWC016	C-16	12/12/23 8:15	90.2	90.3
CHIWC17A	C-17A	12/12/23 11:22	92.6	93.0
CHIWC17A	C-17A	12/12/23 11:24	96.9	97.1
CHIWC17B	C-17B	12/12/23 11:26	108.9	108.9
CHIWC018	C-18	12/12/23 11:52	93.7	93.9
CHIWC019	C-19	12/12/23 11:40	99.0	99.0
CHIWC020	C-20	12/12/23 11:44	87.2	87.7
CHIWC023	C-23	12/12/23 11:07	81.2	81.1
CHIWC023	C-23	12/12/23 11:09	80.4	80.4
CHIWC024	C-24	12/12/23 11:36	105.5	105.5
CHIWC025	C-25	12/12/23 11:01	120.2	120.3
CHIWC026	C-26	12/12/23 10:49	93.5	93.6
CHIWC026	C-26	12/12/23 10:50	94.9	95.0
CHIWC027	C-27	12/12/23 10:25	117.7	117.7
CHIWC028	C-28	12/31/23 11:11	104.8	104.9
CHIWC029	C-29	12/31/23 10:54	116.4	116.4
CHIWC030	C-30	12/31/23 11:04	63.8	61.5

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWCV02	CV-02	12/13/23 10:27	111.4	111.4
CHIWCV03	CV-03	12/13/23 10:21	118.8	118.9
CHIWCV04	CV-04	12/13/23 10:16	107.4	108.0
CHIWCV05	CV-05	12/13/23 10:10	104.5	104.7
CHIWCV06	CV-06	12/13/23 9:31	68.2	68.3
CHIWCV07	CV-07	12/13/23 9:38	69.0	68.9
CHIWCV07	CV-07	12/13/23 9:40	68.8	68.8
CHIWCV08	CV-08	12/13/23 9:49	118.5	121.0
CHIWCV09	CV-09	12/13/23 10:01	122.4	122.4
CHWCV100	CV-100	12/5/23 16:36	110.9	110.9
CHWCV103	CV-103	12/5/23 11:46	104.2	104.3
CV108-52	CV-108-52	12/14/23 8:51	123.8	124.4
CHIWCV11	CV-11	12/8/23 16:14	67.9	67.8
CHWCV113	CV-113	12/12/23 16:09	127.4	127.4
CHWCV114	CV-114	12/7/23 10:19	125.1	125.3
CHWCV114	CV-114	12/14/23 9:21	125.9	125.9
CHCV1420	CV-1420	12/5/23 14:04	129.9	129.8
CHCV1421	CV-1421	12/5/23 13:25	106.4	106.3
CHCV1422	CV-1422	12/28/23 16:01	84.5	83.9
CHCV1423	CV-1423	12/7/23 9:21	127.6	127.6
CHCV1424	CV-1424	12/4/23 14:25	111.9	111.6
CHCV1425	CV-1425	12/5/23 14:30	85.6	85.7
CHCV1426	CV-1426	12/5/23 14:56	101.4	101.6
CHCV1532	CV-1532	12/13/23 16:22	138.2	138.1
CHCV1532	CV-1532	12/13/23 16:24	137.9	138.0
CCV1532A	CV-1532A	12/5/23 11:45	148.7	148.5
CCV1532A	CV-1532A	12/12/23 16:30	165.7	165.9
CCV1532A	CV-1532A	12/18/23 15:16	166.0	165.1
CCV1532A	CV-1532A	12/27/23 11:19	66.4	65.7
CCV1534A	CV-1534A	12/5/23 11:29	191.8	191.8
CCV1534A	CV-1534A	12/12/23 16:19	183.4	183.4
CCV1534A	CV-1534A	12/18/23 14:48	191.0	191.3
CCV1534A	CV-1534A	12/27/23 11:03	191.0	191.0
CHCV1535	CV-1535	12/13/23 16:39	128.1	128.2
CCV1601D	CV-1601D	12/8/23 11:03	83.1	83.3
CCV1601S	CV-1601S	12/8/23 11:06	102.2	102.3
CHCV1603	CV-1603	12/8/23 17:04	109.9	110.1
CHCV1604	CV-1604	12/8/23 8:32	121.5	121.7
CHCV1605	CV-1605	12/8/23 8:57	67.1	67.2
CHCV1605	CV-1605	12/8/23 9:00	67.9	67.9
CHCV1606	CV-1606	12/8/23 16:34	88.4	88.4
CHCV1607	CV-1607	12/14/23 10:11	121.5	121.5
CCV1701D	CV-1701D	12/7/23 16:24	76.4	76.3
CCV1701S	CV-1701S	12/7/23 16:15	141.0	141.2
CCV1701S	CV-1701S	12/7/23 16:18	141.6	140.3

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV1703	CV-1703	12/7/23 16:39	108.8	109.3
CHCV1901	CV-1901	12/14/23 10:23	116.4	116.3
CCV1902A	CV-1902A	12/31/23 8:07	157.2	158.3
CCV1902A	CV-1902A	12/31/23 8:09	156.9	157.2
CCV1902D	CV-1902D	12/5/23 10:20	165.2	165.2
CCV1902D	CV-1902D	12/12/23 14:27	169.3	169.1
CCV1902D	CV-1902D	12/18/23 11:37	161.6	161.6
CCV1902D	CV-1902D	12/26/23 14:37	79.6	90.1
CCV1902S	CV-1902S	12/5/23 10:23	177.1	177.1
CCV1902S	CV-1902S	12/15/23 16:49	160.4	161.0
CCV1902S	CV-1902S	12/15/23 16:52	165.1	165.2
CCV1902S	CV-1902S	12/18/23 11:43	173.0	173.0
CCV1902S	CV-1902S	12/26/23 14:43	180.7	180.7
CHCV1903	CV-1903	12/11/23 15:57	114.3	114.3
CHCV1905	CV-1905	12/5/23 10:09	102.8	102.9
CHCV1906	CV-1906	12/5/23 15:51	76.3	76.2
CHCV1907	CV-1907	12/5/23 9:01	94.6	95.3
CHCV2001	CV-2001	12/31/23 8:34	48.7	48.8
CHCV2002	CV-2002	12/29/23 15:01	126.7	126.7
CHCV2003	CV-2003	12/5/23 11:09	166.2	166.0
CHCV2003	CV-2003	12/12/23 15:52	175.3	175.3
CHCV2003	CV-2003	12/14/23 15:08	174.2	174.2
CHCV2003	CV-2003	12/14/23 15:12	174.2	174.0
CHCV2003	CV-2003	12/18/23 14:28	172.8	172.6
CHCV2003	CV-2003	12/26/23 16:25	135.7	135.5
CHCV2003	CV-2003	12/26/23 16:28	134.5	134.5
CHCV2004	CV-2004	12/13/23 9:03	176.7	176.9
CHCV2004	CV-2004	12/18/23 15:24	189.5	189.8
CHCV2004	CV-2004	12/27/23 11:35	189.8	189.8
CHCV2006	CV-2006	12/5/23 9:33	149.5	149.5
CHCV2006	CV-2006	12/12/23 12:43	149.6	149.6
CHCV2006	CV-2006	12/18/23 10:30	148.7	148.9
CHCV2006	CV-2006	12/26/23 10:33	154.7	154.7
CHCV2007	CV-2007	12/7/23 9:27	126.8	126.8
CHCV2008	CV-2008	12/28/23 12:37	120.8	119.7
CHCV2009	CV-2009	12/28/23 12:50	123.2	123.1
CCV2009A	CV-2009A	12/28/23 12:13	126.8	126.6
CHCV2010	CV-2010	12/6/23 16:50	110.6	116.3
CHCV2010	CV-2010	12/6/23 16:53	111.3	113.8
CHCV2010	CV-2010	12/7/23 15:06	121.2	120.0
CCV2010A	CV-2010A	12/6/23 16:40	128.6	128.6
CHCV2011	CV-2011	12/7/23 11:52	120.4	120.4
CCV2011A	CV-2011A	12/7/23 15:34	140.5	140.5
CCV2011A	CV-2011A	12/7/23 15:36	140.2	140.4
CHCV2012	CV-2012	12/19/23 10:49	132.9	129.1

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV2012	CV-2012	12/19/23 10:51	129.1	129.0
CHCV2012	CV-2012	12/19/23 10:56	128.5	133.2
CHCV2012	CV-2012	12/19/23 10:59	133.1	133.2
CHCV2012	CV-2012	12/19/23 11:09	134.2	134.2
CHCV2201	CV-2201	12/8/23 8:32	197.8	197.5
CHCV2201	CV-2201	12/13/23 14:08	191.8	191.8
CHCV2201	CV-2201	12/27/23 15:52	192.5	192.5
CHCV2202	CV-2202	12/7/23 10:11	191.0	191.0
CHCV2202	CV-2202	12/13/23 14:54	188.3	188.3
CHCV2202	CV-2202	12/19/23 9:50	189.3	189.3
CHCV2202	CV-2202	12/27/23 13:09	190.5	190.5
CHCV2203	CV-2203	12/8/23 9:00	160.1	160.0
CHCV2203	CV-2203	12/15/23 16:39	160.5	160.5
CHCV2203	CV-2203	12/27/23 16:21	161.9	161.7
CHCV2204	CV-2204	12/6/23 10:21	183.0	183.0
CHCV2204	CV-2204	12/13/23 11:00	182.3	182.3
CHCV2204	CV-2204	12/19/23 9:50	186.3	186.3
CHCV2204	CV-2204	12/27/23 14:40	186.7	186.7
CHCV2205	CV-2205	12/5/23 9:13	119.3	119.3
CHCV2206	CV-2206	12/6/23 11:03	187.0	187.0
CHCV2206	CV-2206	12/13/23 11:32	183.4	183.4
CHCV2206	CV-2206	12/19/23 10:30	188.1	188.1
CHCV2206	CV-2206	12/27/23 15:15	192.3	192.3
CHCV2207	CV-2207	12/28/23 16:20	119.9	119.8
CCV2208A	CV-2208A	12/28/23 11:40	133.4	133.6
CCV2208A	CV-2208A	12/28/23 11:45	134.0	133.9
CHCV2301	CV-2301	12/14/23 10:46	131.1	131.3
CHCV2301	CV-2301	12/14/23 10:53	131.3	131.3
CHCV2301	CV-2301	12/19/23 15:44	133.4	130.7
CHCV2301	CV-2301	12/19/23 15:49	128.3	128.4
CHCV2302	CV-2302	12/14/23 11:03	114.2	115.1
CHCV2303	CV-2303	12/14/23 11:21	126.1	126.3
CHCV2304	CV-2304	12/7/23 10:29	156.2	156.1
CHCV2304	CV-2304	12/13/23 14:40	155.0	155.1
CHCV2304	CV-2304	12/19/23 9:33	159.1	159.4
CHCV2304	CV-2304	12/27/23 12:54	161.7	161.6
CHCV2305	CV-2305	12/5/23 14:43	130.4	130.5
CHCV2306	CV-2306	12/6/23 10:41	165.4	165.4
CHCV2306	CV-2306	12/15/23 16:25	169.3	169.1
CHCV2306	CV-2306	12/19/23 10:07	175.5	175.5
CHCV2306	CV-2306	12/27/23 14:54	187.0	187.0
CHCV2308	CV-2308	12/6/23 11:27	162.9	163.2
CHCV2308	CV-2308	12/8/23 8:21	159.2	159.2
CHCV2308	CV-2308	12/13/23 15:42	158.8	159.0
CHCV2308	CV-2308	12/19/23 10:46	169.8	169.8

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV2308	CV-2308	12/19/23 10:46	169.8	169.8
CHCV2308	CV-2308	12/27/23 15:34	168.3	168.6
CHCV2310	CV-2310	12/8/23 8:46	173.6	173.6
CHCV2310	CV-2310	12/13/23 16:04	187.7	187.7
CHCV2310	CV-2310	12/28/23 10:31	190.0	190.0
CHCV2311	CV-2311	12/14/23 11:39	120.7	120.7
CHCV2312	CV-2312	12/5/23 16:01	138.7	137.1
CHCV2312	CV-2312	12/5/23 16:06	137.1	137.5
CHCV2314	CV-2314	12/5/23 15:35	136.1	136.1
CHCV2314	CV-2314	12/5/23 15:38	135.7	135.7
CHCV2314	CV-2314	12/19/23 15:07	127.3	137.2
CHCV2314	CV-2314	12/19/23 15:13	137.3	137.3
CHCV2315	CV-2315	12/5/23 13:42	124.7	124.7
CHCV2316	CV-2316	12/6/23 16:34	135.9	136.0
CHCV2316	CV-2316	12/6/23 16:38	136.0	136.0
CHCV2316	CV-2316	12/19/23 14:43	137.0	139.8
CHCV2316	CV-2316	12/19/23 14:47	141.5	141.5
CHCV2319	CV-2319	12/5/23 8:01	130.4	130.4
CHCV2321	CV-2321	12/5/23 15:15	118.5	118.4
CHCV2322	CV-2322	12/6/23 14:20	177.1	177.1
CHCV2322	CV-2322	12/13/23 15:22	174.8	174.6
CHCV2322	CV-2322	12/19/23 9:03	177.3	177.1
CHCV2322	CV-2322	12/27/23 16:38	178.8	178.8
CHCV2324	CV-2324	12/31/23 10:28	115.3	115.3
CHCV2326	CV-2326	12/4/23 16:11	75.0	75.0
CHCV2327	CV-2327	12/7/23 9:35	149.2	149.1
CHCV2327	CV-2327	12/13/23 15:07	148.4	148.5
CHCV2327	CV-2327	12/19/23 9:14	149.0	149.0
CHCV2327	CV-2327	12/27/23 16:24	148.4	148.4
CHCV2328	CV-2328	12/29/23 16:42	116.2	116.2
CHCV2333	CV-2333	12/28/23 16:41	128.9	128.7
CHCV2334	CV-2334	12/7/23 9:51	132.2	132.7
CHCV2334	CV-2334	12/7/23 9:53	132.7	132.7
CHCV2335	CV-2335	12/31/23 7:53	87.7	87.5
CHCV2336	CV-2336	12/31/23 7:57	112.1	112.1
CHCV2337	CV-2337	12/14/23 14:12	132.3	132.4
CHCV2337	CV-2337	12/14/23 14:16	133.6	133.7
CHCV2337	CV-2337	12/18/23 10:22	133.2	133.1
CHCV2337	CV-2337	12/18/23 10:25	133.1	133.1
CHCV2338	CV-2338	12/4/23 15:46	176.9	177.3
CHCV2338	CV-2338	12/4/23 15:49	179.6	179.6
CHCV2338	CV-2338	12/4/23 15:52	180.2	180.4
CHCV2338	CV-2338	12/4/23 15:54	180.4	180.4
CHCV2338	CV-2338	12/5/23 9:48	183.4	183.4
CHCV2338	CV-2338	12/12/23 11:54	180.4	180.4

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHCV2338	CV-2338	12/18/23 10:53	187.4	187.4
CHCV2338	CV-2338	12/26/23 11:00	178.0	178.0
CHCV2339	CV-2339	12/5/23 10:38	194.1	194.1
CHCV2339	CV-2339	12/13/23 10:25	190.5	190.8
CHCV2339	CV-2339	12/18/23 13:50	193.8	193.5
CHCV2339	CV-2339	12/26/23 15:36	194.1	194.6
CHCV2340	CV-2340	12/29/23 14:40	82.1	81.1
CHCV2340	CV-2340	12/29/23 14:42	81.4	81.4
CHCV2341	CV-2341	12/29/23 14:49	142.0	141.6
CHCV2341	CV-2341	12/29/23 14:52	141.8	141.0
CCV2342A	CV-2342A	12/13/23 9:33	187.4	187.2
CCV2342A	CV-2342A	12/18/23 15:33	194.8	194.8
CCV2342A	CV-2342A	12/27/23 11:57	194.1	194.3
CHCV2343	CV-2343	12/14/23 14:46	106.9	106.7
CHCV2344	CV-2344	12/14/23 14:29	121.4	121.5
CHCV2345	CV-2345	12/31/23 15:10	115.9	115.9
CHCV2346	CV-2346	12/14/23 15:26	126.8	127.1
CHCV2347	CV-2347	12/14/23 15:35	101.7	101.7
CHCV2348	CV-2348	12/31/23 8:23	98.4	98.8
CHCV2349	CV-2349	12/29/23 14:58	121.4	121.3
CHCV2350	CV-2350	12/29/23 15:13	85.1	102.1
CHCV2350	CV-2350	12/29/23 15:22	111.1	104.6
CHCV2351	CV-2351	12/14/23 9:32	120.4	120.4
CHCV2352	CV-2352	12/4/23 15:37	85.3	85.4
CHCV2352	CV-2352	12/4/23 15:40	86.1	86.1
CHCV2352	CV-2352	12/14/23 9:38	134.0	134.1
CHCV2352	CV-2352	12/14/23 9:40	134.4	134.1
CHCV2353	CV-2353	12/6/23 9:23	194.6	194.3
CHCV2353	CV-2353	12/13/23 9:49	193.3	193.3
CHCV2353	CV-2353	12/14/23 9:45	195.1	194.8
CHCV2353	CV-2353	12/14/23 9:53	195.1	195.1
CHCV2353	CV-2353	12/18/23 15:46	195.4	195.4
CHCV2353	CV-2353	12/27/23 12:18	195.1	195.4
CHCV2354	CV-2354	12/4/23 15:37	78.3	78.4
CCV24001	CV-24001	12/31/23 13:11	77.9	77.5
CCV24096	CV-24096	12/31/23 8:48	48.4	48.5
CCV24096	CV-24096	12/31/23 8:59	48.9	48.9
CCV24097	CV-24097	12/8/23 17:54	62.4	62.3
CCV24097	CV-24097	12/11/23 12:49	86.8	85.9
CCV24097	CV-24097	12/31/23 8:52	46.3	46.5
CCV24097	CV-24097	12/31/23 8:55	46.5	46.5
CCV24098	CV-24098	12/8/23 14:58	92.9	93.0
CCV24098	CV-24098	12/11/23 12:54	101.9	105.0
CCV24098	CV-24098	12/31/23 8:40	65.7	65.7
CCV24099	CV-24099	12/8/23 15:04	122.1	120.7

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CCV24099	CV-24099	12/11/23 12:57	127.0	127.0
CCV24100	CV-24100	12/8/23 15:10	110.7	110.3
CCV24100	CV-24100	12/11/23 13:05	141.9	142.7
CCV24101	CV-24101	12/8/23 15:17	95.4	95.0
CCV24101	CV-24101	12/11/23 13:07	110.9	110.9
CCV24138	CV-24138	12/31/23 14:27	60.9	60.6
CCV24138	CV-24138	12/31/23 14:28	59.7	59.7
CCV24139	CV-24139	12/31/23 9:26	71.8	69.9
CCV24139	CV-24139	12/31/23 9:28	69.1	69.1
CCV24140	CV-24140	12/31/23 9:33	81.2	86.8
CCV24141	CV-24141	12/31/23 14:18	57.4	57.8
CCV24141	CV-24141	12/31/23 14:19	57.9	57.9
CCV24142	CV-24142	12/31/23 9:19	112.3	112.3
CCV24143	CV-24143	12/31/23 9:39	49.5	49.5
CCV24143	CV-24143	12/31/23 9:40	49.5	49.5
CHIWCV25	CV-25	12/12/23 17:02	61.1	61.4
CHICV33S	CV-33S	12/8/23 14:31	116.1	116.3
CHICV34D	CV-34D	12/8/23 15:40	70.2	70.2
CHICV34D	CV-34D	12/8/23 15:44	70.0	70.0
CHICV34S	CV-34S	12/8/23 15:51	66.9	67.0
CHICV34S	CV-34S	12/8/23 15:53	66.7	66.7
CHICV34S	CV-34S	12/19/23 17:33	59.6	59.6
CHICV35D	CV-35D	12/8/23 16:03	67.5	67.5
CHICV35D	CV-35D	12/8/23 16:05	67.7	67.7
CHICV35D	CV-35D	12/19/23 17:45	57.6	57.5
CHWCV48R	CV-48R	12/12/23 16:23	124.9	124.9
CHWCV49S	CV-49S	12/12/23 16:29	65.0	64.9
CHWCV52D	CV-52D	12/8/23 15:05	136.1	133.9
CHWCV52D	CV-52D	12/8/23 15:07	133.3	133.1
CHWCV53D	CV-53D	12/8/23 14:53	111.7	112.4
CHWCV53S	CV-53S	12/28/23 11:20	133.2	130.7
CHWCV53S	CV-53S	12/28/23 11:24	130.5	130.5
CHWCV54D	CV-54D	12/8/23 14:38	76.1	79.6
CHWCV54S	CV-54S	12/8/23 14:42	138.8	138.8
CHWCV54S	CV-54S	12/8/23 14:46	138.5	138.5
CHWCV55R	CV-55R	12/13/23 8:13	144.3	142.8
CHWCV55R	CV-55R	12/13/23 8:18	139.6	139.7
CHWCV56D	CV-56D	12/7/23 16:04	123.8	124.8
CHWCV56S	CV-56S	12/7/23 16:07	122.2	122.4
CHWCV57R	CV-57R	12/7/23 11:48	101.2	101.3
CHWCV74R	CV-74R	12/5/23 16:23	111.1	111.2
CHWCV79R	CV-79R	12/7/23 14:08	127.2	126.8
CHWCV84S	CV-84S	12/5/23 9:49	98.2	98.0
CHWCV85S	CV-85S	12/5/23 10:17	103.1	103.1
CHIWCV94	CV-94	12/7/23 11:36	92.5	92.7

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWCV95	CV-95	12/7/23 11:45	110.4	110.5
CHIWCV99	CV-99	12/12/23 16:17	110.3	111.9
CHIWD001	D-01	12/13/23 9:10	67.5	67.5
CHIWD001	D-01	12/13/23 9:12	65.7	65.7
CHIWD002	D-02	12/13/23 9:06	82.0	82.4
CHIWD003	D-03	12/13/23 9:02	92.4	92.4
CHIWD004	D-04	12/13/23 8:49	97.2	97.6
CHIWD005	D-05	12/13/23 8:44	68.8	71.0
CHIWD006	D-06	12/31/23 11:21	100.4	100.4
CHIWD009	D-09	12/8/23 13:55	109.7	109.8
CHIWD010	D-10	12/8/23 13:48	81.7	81.6
CHIWD010	D-10	12/8/23 13:50	80.1	80.1
CHIWD010	D-10	12/19/23 18:04	61.8	65.2
CHIWH001	H-01 (EXP-01)	12/12/23 13:49	75.9	75.7
CHIWH002	H-02 (EXP-02)	12/12/23 13:54	102.0	102.2
CHIWH003	H-03 (EXP-03)	12/12/23 13:56	117.4	117.4
CHIWH004	H-04 (EXP-04)	12/12/23 14:00	129.1	129.1
CHIWH006	H-06 (EXP-06)	12/12/23 14:24	81.9	81.7
CHIWH008	H-08 (EXP-08)	12/12/23 14:29	82.5	83.0
CHIWH009	H-09 (EXP-09)	12/12/23 14:32	117.0	117.0
CHIWH010	H-10 (EXP-10)	12/12/23 14:41	118.8	118.8
CHIH101W	H-101W	12/13/23 14:36	80.6	80.5
CHIH101W	H-101W	12/13/23 14:38	83.0	83.3
CHWH102A	H-102A	12/13/23 14:57	86.2	86.2
CHIWH104	H-104	12/13/23 14:54	84.4	84.4
CHWH104A	H-104A	12/31/23 11:42	75.6	75.0
CHIWH012	H-12 (EXP-12)	12/12/23 15:01	107.5	107.5
CHIWH013	H-13 (EXP-13)	12/12/23 14:58	79.9	79.8
CHIWH014	H-14 (EXP-14)	12/12/23 15:17	74.5	74.5
CHH1401W	H-1401W	12/13/23 15:01	96.2	96.2
CHH1402C	H-1402C	12/8/23 11:22	119.7	119.7
CHH1403W	H-1403W	12/13/23 15:29	92.8	93.0
CHH1404C	H-1404C	12/14/23 16:13	113.2	113.3
CHH1405C	H-1405C	12/13/23 16:58	108.2	108.2
CHH1405E	H-1405E	12/5/23 12:07	112.1	112.1
CHH1405W	H-1405W	12/29/23 15:32	84.2	84.2
CHH1406W	H-1406W	12/13/23 15:37	76.8	77.0
CH1408CR	H-1408CR	12/8/23 9:34	104.5	104.5
CHH1408E	H-1408E	12/31/23 8:52	106.2	106.3
CHH1408E	H-1408E	12/31/23 10:25	105.5	105.5
CHH1408W	H-1408W	12/13/23 13:37	109.7	110.2
CHH1409N	H-1409N	12/5/23 11:07	83.8	83.8
CHH1410S	H-1410S	12/8/23 11:44	95.1	86.7
CHH1551C	H-1551C	12/14/23 14:53	118.6	118.8
CHH1560N	H-1560N	12/13/23 15:59	75.1	75.2

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1560S	H-1560S	12/13/23 15:42	77.5	77.5
CHH1561C	H-1561C	12/6/23 9:46	137.9	137.8
CHH1561C	H-1561C	12/6/23 9:48	137.2	137.4
CHH1561C	H-1561C	12/13/23 16:16	127.8	129.2
CHH1561C	H-1561C	12/18/23 14:55	117.5	117.7
CHH1561N	H-1561N	12/13/23 9:54	190.5	190.5
CHH1561N	H-1561N	12/18/23 15:59	193.3	193.3
CHH1561N	H-1561N	12/28/23 10:45	190.0	190.0
CHH1562N	H-1562N	12/13/23 16:34	119.4	119.4
CHH1563N	H-1563N	12/5/23 16:47	109.4	109.5
CHH1563S	H-1563S	12/13/23 17:00	115.4	115.5
CHH1564N	H-1564N	12/5/23 12:10	97.0	97.1
CHH1565C	H-1565C	12/5/23 11:52	112.5	112.4
CHH1568S	H-1568S	12/31/23 8:37	87.6	87.5
CHH1569S	H-1569S	12/8/23 10:21	68.4	68.8
CHH1571S	H-1571S	12/8/23 8:38	116.3	116.1
CHH1572N	H-1572N	12/7/23 13:43	123.6	123.6
CHH1572S	H-1572S	12/7/23 17:07	111.1	112.5
CHH1573S	H-1573S	12/8/23 16:41	98.6	99.9
CHH1574N	H-1574N	12/29/23 15:35	117.1	117.7
CHIH1575	H-1575	12/13/23 15:13	79.7	79.9
CHH1751N	H-1751N	12/5/23 10:01	174.4	174.4
CHH1751N	H-1751N	12/12/23 12:18	171.4	171.4
CHH1751N	H-1751N	12/18/23 11:21	174.2	174.2
CHH1751N	H-1751N	12/26/23 11:44	150.5	150.5
CHH1751N	H-1751N	12/29/23 14:50	83.1	83.1
CHH1751S	H-1751S	12/31/23 9:10	98.0	98.4
CHH1752N	H-1752N	12/5/23 17:02	102.5	102.6
CHH1752S	H-1752S	12/12/23 15:19	94.5	94.5
CHH1753N	H-1753N	12/5/23 17:08	138.4	139.4
CHH1753N	H-1753N	12/8/23 8:12	117.4	118.7
CHH1753S	H-1753S	12/5/23 16:39	109.3	109.4
CHH1754N	H-1754N	12/11/23 14:41	117.9	118.0
CHH1754S	H-1754S	12/5/23 11:58	82.3	82.3
CHH1755S	H-1755S	12/13/23 15:47	87.8	88.6
CHH1756N	H-1756N	12/13/23 16:29	86.0	87.1
CHH1756S	H-1756S	12/14/23 14:13	117.4	117.4
CHH1757N	H-1757N	12/12/23 15:06	146.3	146.4
CHH1757N	H-1757N	12/18/23 14:08	147.3	147.4
CHH1757N	H-1757N	12/26/23 14:53	149.5	149.6
CHH1757S	H-1757S	12/13/23 16:54	113.5	113.8
CH1758NR	H-1758NR	12/5/23 16:43	117.4	117.4
CH1758NR	H-1758NR	12/5/23 16:43	117.4	117.4
CHH1759S	H-1759S	12/14/23 15:50	109.2	109.2
CHH1760N	H-1760N	12/5/23 11:34	84.7	84.3

Attachment D - Well Temperature Data
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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1762N	H-1762N	12/5/23 10:45	80.8	80.9
CHH1763N	H-1763N	12/8/23 10:33	124.8	124.8
CHH1763S	H-1763S	12/31/23 11:55	127.3	127.8
CHH1764N	H-1764N	12/5/23 9:56	101.3	101.3
CHH1764S	H-1764S	12/8/23 8:46	75.5	76.9
CHH1766S	H-1766S	12/29/23 15:36	79.5	79.5
CHH1767N	H-1767N	12/8/23 16:26	116.4	116.4
CHH1767S	H-1767S	12/8/23 16:37	60.7	60.7
CHH1768N	H-1768N	12/31/23 9:05	73.1	73.1
CHH1769A	H-1769A	12/29/23 14:12	145.5	145.5
CHH1769A	H-1769A	12/29/23 14:16	145.6	145.7
CHH1769B	H-1769B	12/5/23 16:52	104.1	104.2
CHH1769N	H-1769N	12/11/23 16:47	111.3	111.3
CHH1769S	H-1769S	12/14/23 15:57	101.3	101.3
CHH1770A	H-1770A	12/11/23 15:39	131.3	130.6
CHH1770A	H-1770A	12/11/23 15:41	130.6	130.6
CHH1770B	H-1770B	12/5/23 10:07	170.3	170.7
CHH1770B	H-1770B	12/12/23 12:13	168.0	168.0
CHH1770B	H-1770B	12/18/23 11:13	169.6	169.6
CHH1770B	H-1770B	12/26/23 11:31	176.1	176.1
CHH1770N	H-1770N	12/5/23 9:10	135.3	135.3
CHH1770N	H-1770N	12/5/23 9:12	135.2	135.2
CHH1770N	H-1770N	12/11/23 16:24	137.0	136.8
CHH1770N	H-1770N	12/11/23 16:26	137.0	137.0
CHH1770N	H-1770N	12/18/23 9:53	134.3	134.2
CHH1770N	H-1770N	12/18/23 9:55	134.2	134.3
CHH1770N	H-1770N	12/26/23 9:33	129.8	129.8
CHH1770S	H-1770S	12/13/23 16:47	105.3	105.4
CHH1771A	H-1771A	12/7/23 9:14	65.3	65.3
CHH1771B	H-1771B	12/5/23 13:31	101.4	101.2
CHH1771B	H-1771B	12/11/23 12:01	100.9	100.8
CHH1771N	H-1771N	12/5/23 15:21	97.6	98.1
CHH1771S	H-1771S	12/5/23 10:53	99.5	99.5
CHH1772A	H-1772A	12/12/23 15:59	91.8	92.5
CHH1772A	H-1772A	12/12/23 16:01	94.5	94.5
CHH1772B	H-1772B	12/5/23 13:49	114.4	114.3
CHH1772C	H-1772C	12/5/23 15:48	77.9	78.2
CHH1772N	H-1772N	12/5/23 14:26	78.8	78.8
CHH1772S	H-1772S	12/14/23 16:03	110.9	110.9
CHH1773A	H-1773A	12/5/23 8:40	178.2	178.2
CHH1773A	H-1773A	12/12/23 11:33	173.5	173.7
CHH1773A	H-1773A	12/18/23 9:20	176.1	176.1
CHH1773A	H-1773A	12/26/23 9:05	169.5	169.6
CHH1773B	H-1773B	12/31/23 7:27	45.9	43.4
CHH1773B	H-1773B	12/31/23 7:29	47.7	47.7

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1773C	H-1773C	12/5/23 16:29	113.5	113.5
CHH1773N	H-1773N	12/31/23 7:40	125.3	106.9
CHH1773N	H-1773N	12/31/23 10:10	162.8	163.7
CHH1773N	H-1773N	12/31/23 10:11	165.2	165.2
CHH1774A	H-1774A	12/5/23 9:26	153.4	153.4
CHH1774A	H-1774A	12/12/23 12:32	151.3	151.3
CHH1774A	H-1774A	12/18/23 10:10	148.4	148.5
CHH1774A	H-1774A	12/26/23 10:27	153.7	153.8
CHH1774N	H-1774N	12/11/23 16:08	111.7	111.7
CHH1774S	H-1774S	12/14/23 14:37	100.8	100.8
CHH1801S	H-1801S	12/31/23 10:41	132.9	132.9
CHH1801S	H-1801S	12/31/23 10:43	132.9	132.8
CHH1802N	H-1802N	12/4/23 14:31	107.8	107.8
CHH1802S	H-1802S	12/7/23 13:53	127.0	126.9
CHH1803N	H-1803N	12/5/23 9:00	173.7	173.7
CHH1803N	H-1803N	12/12/23 11:57	170.3	170.3
CHH1803N	H-1803N	12/18/23 9:36	172.6	172.6
CHH1803N	H-1803N	12/26/23 9:18	171.5	171.5
CHH1804A	H-1804A	12/5/23 8:07	113.2	113.3
CHH1804B	H-1804B	12/5/23 15:07	98.3	99.1
CHH1804N	H-1804N	12/7/23 10:11	117.3	117.4
CHH1804S	H-1804S	12/5/23 10:01	106.5	106.4
CHH1805A	H-1805A	12/4/23 14:18	122.8	122.8
CHH1805B	H-1805B	12/5/23 9:36	107.5	107.4
CHH1805S	H-1805S	12/7/23 14:22	125.7	127.8
CHH1806A	H-1806A	12/28/23 16:10	115.8	115.8
CHH1806B	H-1806B	12/7/23 13:36	110.6	110.6
CHH1806N	H-1806N	12/7/23 10:43	122.0	122.0
CHH1806S	H-1806S	12/7/23 16:48	111.7	111.7
CHH1807A	H-1807A	12/6/23 17:04	105.4	105.4
CHH1807N	H-1807N	12/7/23 10:53	113.9	113.8
CHH1807S	H-1807S	12/7/23 15:48	75.2	77.2
CHH1951W	H-1951W	12/8/23 9:13	74.4	72.4
CHH1952C	H-1952C	12/5/23 11:22	112.1	116.1
CHH1952N	H-1952N	12/11/23 17:02	132.3	132.3
CHH1952N	H-1952N	12/11/23 17:04	132.1	132.1
CHH1952S	H-1952S	12/31/23 10:26	113.7	113.7
CHH1953C	H-1953C	12/5/23 14:17	88.5	88.6
CHH1953N	H-1953N	12/7/23 9:43	115.6	115.6
CHH1953S	H-1953S	12/5/23 10:37	95.1	95.3
CHH1954C	H-1954C	12/5/23 13:20	112.6	112.7
CHH1954N	H-1954N	12/7/23 9:58	92.9	93.0
CHH1954S	H-1954S	12/5/23 10:24	75.2	75.3
CHH1955C	H-1955C	12/5/23 8:14	105.9	106.0
CHH1955N	H-1955N	12/7/23 10:28	71.8	71.8

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH1955S	H-1955S	12/5/23 9:43	105.4	105.4
CHH1956B	H-1956B	12/5/23 8:53	87.7	88.0
CHH1956N	H-1956N	12/7/23 10:33	106.7	106.8
CHH1956S	H-1956S	12/7/23 14:14	104.5	104.5
CHH1957A	H-1957A	12/7/23 14:51	72.4	72.4
CHH1957B	H-1957B	12/5/23 9:19	106.0	105.7
CHH1957N	H-1957N	12/7/23 10:39	115.3	115.3
CHH1957S	H-1957S	12/7/23 13:28	94.4	94.6
CHH1958C	H-1958C	12/7/23 14:59	119.6	119.7
CHH1958N	H-1958N	12/7/23 10:59	108.2	108.0
CHH1958S	H-1958S	12/7/23 15:55	117.9	117.9
CHH1962A	H-1962A	12/11/23 15:48	79.1	79.1
CHH1962A	H-1962A	12/11/23 15:50	78.9	78.8
CHH1962B	H-1962B	12/5/23 9:57	171.0	171.0
CHH1962B	H-1962B	12/12/23 12:07	155.4	155.4
CHH1962B	H-1962B	12/18/23 11:06	163.7	163.7
CHH1962B	H-1962B	12/26/23 11:16	150.8	150.8
CHH1962N	H-1962N	12/5/23 9:16	177.6	177.6
CHH1962N	H-1962N	12/11/23 16:33	172.8	172.8
CHH1962N	H-1962N	12/11/23 16:37	172.8	172.8
CHH1962N	H-1962N	12/12/23 12:15	170.5	170.5
CHH1962N	H-1962N	12/18/23 9:59	175.7	175.7
CHH1962N	H-1962N	12/26/23 9:42	180.7	180.7
CHH1962S	H-1962S	12/5/23 10:51	179.4	179.4
CHH1962S	H-1962S	12/12/23 15:39	170.5	170.5
CHH1962S	H-1962S	12/18/23 14:13	181.1	181.1
CHH1962S	H-1962S	12/26/23 15:41	178.4	178.4
CHH1963A	H-1963A	12/29/23 14:20	123.7	123.8
CHH1963N	H-1963N	12/11/23 16:42	121.0	121.0
CHH1964C	H-1964C	12/11/23 14:34	85.9	85.9
CHH1964N	H-1964N	12/8/23 9:34	150.4	150.4
CHH1964N	H-1964N	12/11/23 16:54	146.5	146.5
CHH1964N	H-1964N	12/11/23 16:55	146.5	146.5
CHH1964N	H-1964N	12/13/23 10:48	144.8	144.8
CHH1964S	H-1964S	12/5/23 12:02	103.6	103.6
CHH1965C	H-1965C	12/11/23 15:04	123.8	124.0
CHH1965S	H-1965S	12/5/23 11:29	81.4	82.8
CHH1966N	H-1966N	12/11/23 16:03	109.3	109.4
CHH1966S	H-1966S	12/31/23 8:01	106.8	106.5
CHH1967E	H-1967E	12/8/23 13:26	77.8	78.9
CHH1967W	H-1967W	12/13/23 14:21	97.5	97.5
CHH2051W	H-2051W	12/13/23 14:16	101.6	101.6
CHH2052W	H-2052W	12/13/23 14:41	100.1	100.3
CHH2053E	H-2053E	12/8/23 13:19	118.5	118.6
CHH2053W	H-2053W	12/13/23 14:42	104.5	104.5

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH2055E	H-2055E	12/8/23 9:21	106.6	106.9
CHH2056E	H-2056E	12/31/23 11:36	89.9	89.7
CHH2056W	H-2056W	12/13/23 14:11	108.1	108.0
CHH2057E	H-2057E	12/8/23 13:34	121.0	121.7
CHH2057E	H-2057E	12/8/23 13:36	122.1	122.0
CHH2057W	H-2057W	12/13/23 13:59	119.9	119.7
CHH2058A	H-2058A	12/8/23 14:09	111.0	111.0
CHH2058A	H-2058A	12/13/23 14:27	114.0	113.9
CHH2058B	H-2058B	12/8/23 12:03	95.3	95.3
CHH2058E	H-2058E	12/8/23 13:59	109.3	109.4
CHH2058W	H-2058W	12/13/23 14:06	106.0	106.1
CHH2059W	H-2059W	12/13/23 13:43	115.2	115.3
CHH2160B	H-2160B	12/8/23 12:09	120.1	120.1
CHH2160E	H-2160E	12/8/23 11:55	115.6	115.6
CHH2161W	H-2161W	12/13/23 13:49	116.5	116.6
CHH2162B	H-2162B	12/8/23 9:41	106.3	106.6
CHH2162W	H-2162W	12/13/23 15:22	116.8	116.8
CHH2163C	H-2163C	12/8/23 11:12	107.4	107.4
CHH2163E	H-2163E	12/8/23 11:37	107.8	107.6
CHH2163W	H-2163W	12/13/23 13:31	110.7	110.7
CHH2164A	H-2164A	12/8/23 10:06	112.1	112.0
CHH2164B	H-2164B	12/8/23 9:45	111.0	111.0
CHH2164E	H-2164E	12/8/23 9:06	124.0	123.9
CHH2165E	H-2165E	12/8/23 16:52	110.0	110.2
CHH2165W	H-2165W	12/13/23 17:11	118.8	119.0
CHH2166A	H-2166A	12/5/23 13:36	84.4	84.5
CHH2166C	H-2166C	12/4/23 14:11	111.5	111.5
CHH2166E	H-2166E	12/6/23 16:33	117.8	117.8
CHH2166W	H-2166W	12/5/23 17:13	99.2	99.4
CHH2167A	H-2167A	12/5/23 14:50	102.0	102.1
CHH2167B	H-2167B	12/5/23 8:21	72.6	72.5
CHH2167B	H-2167B	12/5/23 8:23	71.3	71.3
CHH2167E	H-2167E	12/7/23 11:29	77.0	76.8
CHH2167W	H-2167W	12/28/23 15:41	74.2	76.4
CHH2167W	H-2167W	12/28/23 15:44	76.7	76.8
CHH2168A	H-2168A	12/5/23 15:26	78.0	78.3
CHH2168C	H-2168C	12/5/23 8:48	75.7	74.0
CHH2168E	H-2168E	12/5/23 9:24	107.1	107.1
CHH2169B	H-2169B	12/5/23 10:30	107.6	107.6
CHH2169C	H-2169C	12/5/23 9:30	91.8	91.8
CHH2169E	H-2169E	12/5/23 9:08	115.0	115.0
CHH2169W	H-2169W	12/5/23 16:15	77.0	77.1
CHH2169W	H-2169W	12/5/23 16:17	77.0	77.0
CHH2169W	H-2169W	12/19/23 11:22	61.9	63.6
CHH2169W	H-2169W	12/19/23 11:25	63.9	64.0

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Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHH2169W	H-2169W	12/19/23 11:27	64.3	64.3
CHH2170N	H-2170N	12/8/23 15:18	115.4	115.5
CHH2170S	H-2170S	12/13/23 10:41	88.3	88.3
CHH2171A	H-2171A	12/31/23 11:50	108.2	108.3
CHH2171B	H-2171B	12/13/23 16:41	112.6	112.6
CHH2171S	H-2171S	12/8/23 15:22	116.8	116.9
CHH2272C	H-2272C	12/8/23 9:54	119.9	119.8
CHH2272W	H-2272W	12/14/23 16:38	66.3	66.3
CHH2273C	H-2273C	12/14/23 16:21	111.7	111.8
CHH2273W	H-2273W	12/13/23 17:07	123.4	123.4
CHH2274B	H-2274B	12/14/23 15:43	111.8	111.9
CHH2274E	H-2274E	12/7/23 17:02	62.8	61.5
CHH2274W	H-2274W	12/14/23 14:18	122.4	122.4
CHH2275C	H-2275C	12/14/23 16:30	95.9	95.9
CHH2275E	H-2275E	12/8/23 10:29	108.4	108.7
CHH2275W	H-2275W	12/13/23 17:04	108.0	108.0
CHH2276A	H-2276A	12/14/23 16:08	115.1	115.1
CHH2276B	H-2276B	12/5/23 11:01	96.2	96.4
CHH2276E	H-2276E	12/31/23 10:08	111.1	110.8
CHH2276E	H-2276E	12/31/23 10:10	111.0	111.0
CHH2276W	H-2276W	12/13/23 16:51	110.5	110.5
CHH2277A	H-2277A	12/5/23 11:39	80.3	80.3
CHH2277B	H-2277B	12/5/23 11:13	110.5	110.4
CHH2277E	H-2277E	12/31/23 9:36	111.5	111.7
CHH2277W	H-2277W	12/13/23 16:44	122.5	122.5
CHIWH023	H-23 (EXP-23)	12/4/23 17:02	74.0	74.0
CHIWH023	H-23 (EXP-23)	12/4/23 17:03	74.0	74.0
CHIWH023	H-23 (EXP-23)	12/12/23 17:08	59.0	59.0
CHIWH023	H-23 (EXP-23)	12/12/23 17:10	58.1	58.1
CHH2302E	H-2302E	12/28/23 15:08	91.1	103.7
CHH2302E	H-2302E	12/28/23 15:10	104.2	104.2
CHH2303E	H-2303E	12/31/23 11:41	91.5	91.4
CHH2304S	H-2304S	12/28/23 14:44	111.7	111.7
CHH2305S	H-2305S	12/28/23 14:31	105.5	107.7
CHH2305S	H-2305S	12/28/23 14:36	108.4	108.5
CHH2309S	H-2309S	12/26/23 14:45	87.1	87.6
CHH2309S	H-2309S	12/26/23 14:48	87.7	87.6
CHIWH029	H-29	12/8/23 15:29	130.7	130.8
CHIWH030	H-30	12/12/23 16:51	63.2	63.2
CHIWH031	H-31	12/31/23 10:28	102.0	102.0
CHIWH048	H-48	12/14/23 10:02	78.4	78.5
CHIWH051	H-51	12/14/23 10:36	77.0	77.0
CHIWH052	H-52	12/14/23 11:19	82.9	83.2
CHIWH053	H-53	12/14/23 11:35	105.2	105.2
CHIWH054	H-54	12/31/23 9:58	116.3	116.9

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWH059	H-59	12/14/23 10:16	95.7	95.7
CHIWH060	H-60	12/11/23 12:35	87.3	87.2
CHIWH060	H-60	12/14/23 11:26	86.5	86.5
CHIWH065	H-65	12/5/23 16:59	103.3	103.3
CHIWH067	H-67	12/11/23 14:54	93.6	94.0
CHIWH072	H-72	12/28/23 12:21	109.2	109.3
CHIWH077	H-77	12/31/23 9:35	104.2	104.2
CHIWH77A	H-77A	12/14/23 11:04	70.3	70.3
CHIWH77A	H-77A	12/14/23 11:07	70.4	70.4
CHIWH078	H-78	12/14/23 10:44	92.3	92.3
CHIWH78A	H-78A	12/14/23 10:24	90.5	90.5
CHIWH079	H-79	12/13/23 8:25	134.9	135.0
CHIWH079	H-79	12/13/23 8:27	136.2	135.9
CHIWP002	P-02	12/13/23 11:33	81.4	81.8
CHIWP02R	P-02R	12/28/23 12:07	82.5	82.4
CHIWP03R	P-03R	12/15/23 10:21	83.9	83.9
CHIWP004	P-04	12/15/23 10:16	78.3	78.5
CHIWP005	P-05	12/15/23 10:10	105.1	105.2
CHIWP06R	P-06R	12/15/23 10:05	110.7	110.7
CHIWP07R	P-07R	12/13/23 11:48	86.8	86.0
CHIWP08R	P-08R	12/13/23 11:57	98.2	98.2
CHIWP009	P-09	12/13/23 12:00	94.3	94.8
CHIWP010	P-10	12/13/23 12:07	93.9	93.9
CHIWP011	P-11	12/15/23 9:59	91.6	91.8
CHIWP012	P-12	12/28/23 12:20	73.0	74.1
CHIWP013	P-13	12/28/23 12:13	78.0	78.0
CHIWP014	P-14	12/15/23 10:43	77.6	77.6
CHIWP15R	P-15R	12/15/23 10:38	79.7	79.8
CHIWP016	P-16	12/15/23 10:50	92.9	93.0
CHIWP017	P-17	12/15/23 10:56	101.5	101.6
CHIP18RD	P-18RD	12/15/23 11:07	86.8	86.9
CHIP18RS	P-18RS	12/15/23 11:18	87.0	87.0
CHIWP019	P-19	12/28/23 12:29	83.4	83.4
CHIWP20R	P-20R	12/15/23 11:21	95.0	95.0
CHIWP021	P-21	12/15/23 11:26	86.4	86.8
CHIP21RD	P-21RD	12/28/23 13:18	92.4	92.6
CHIP21RS	P-21RS	12/28/23 13:01	105.8	106.4
CHIP22RD	P-22RD	12/28/23 14:22	115.7	116.4
CHIP22RS	P-22RS	12/28/23 14:20	109.5	113.5
CHIWP023	P-23	12/15/23 11:38	79.9	79.8
CHIWP024	P-24	12/15/23 11:45	82.1	85.3
CHIWP026	P-26	12/15/23 12:16	81.9	82.1
CHIWP027	P-27	12/5/23 14:37	85.5	85.4
CHIWP027	P-27	12/15/23 12:21	81.7	81.8
CHIWP028	P-28	12/15/23 12:27	95.5	95.5

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWP29R	P-29R	12/6/23 16:06	89.7	95.9
CHIWP30R	P-30R	12/5/23 14:50	88.7	88.2
CHIWP30R	P-30R	12/6/23 15:55	89.3	89.1
CHIP32R1	P-32R1	12/5/23 16:13	90.3	90.5
CHIP32R1	P-32R1	12/8/23 11:54	98.4	100.3
CHIP32R1	P-32R1	12/8/23 11:56	103.2	103.7
CHIP32R2	P-32R2	12/5/23 16:24	117.7	124.5
CHIP32R2	P-32R2	12/8/23 12:08	122.7	124.4
CHIWP033	P-33	12/6/23 16:18	76.8	81.8
CHIWP034	P-34	12/15/23 12:36	77.8	79.7
CHIWP036	P-36	12/5/23 14:54	91.1	103.7
CHIWP036	P-36	12/6/23 15:22	98.6	110.4
CHIWP037	P-37	12/5/23 15:08	85.7	95.0
CHIWP037	P-37	12/6/23 14:57	103.8	107.6
CHIP38RD	P-38RD	12/15/23 12:46	102.4	103.6
CHIP38RS	P-38RS	12/15/23 12:49	70.7	72.2
CHIWP039	P-39	12/31/23 8:32	45.6	46.0
CHIWP39A	P-39A	12/15/23 12:57	76.7	75.6
CHIWP041	P-41	12/15/23 13:04	99.8	101.3
CHIWP42R	P-42R	12/15/23 13:10	114.9	115.3
CHIWP043	P-43	12/6/23 16:02	115.6	116.6
CHIP44RD	P-44RD	12/5/23 15:42	99.4	99.4
CHIP44RD	P-44RD	12/6/23 15:56	97.3	98.3
CHIP44RS	P-44RS	12/5/23 15:39	119.3	119.9
CHIP44RS	P-44RS	12/6/23 15:51	119.5	120.4
CHIP45RD	P-45RD	12/28/23 13:52	108.3	111.3
CHIP45RS	P-45RS	12/28/23 13:59	109.3	109.3
CHIP46RD	P-46RD	12/28/23 14:04	103.6	104.2
CHIP46RS	P-46RS	12/28/23 14:02	114.6	114.6
CHIWP047	P-47	12/28/23 14:15	116.2	117.5
CHIWP048	P-48	12/11/23 16:45	117.8	117.9
CHIP49RD	P-49RD	12/31/23 8:42	113.5	113.9
CHIP49RS	P-49RS	12/31/23 8:44	112.8	112.8
CHIWP052	P-52	12/28/23 14:27	114.5	114.5
CHIWP053	P-53	12/28/23 14:33	106.3	106.5
CHIWP054	P-54	12/28/23 14:40	100.0	100.0
CHIWP055	P-55	12/28/23 14:49	100.5	100.4
CHIWP056	P-56	12/28/23 14:59	100.6	100.3
CHIWP057	P-57	12/28/23 15:06	77.9	77.9
CHIWP60R	P-60R	12/28/23 13:31	83.5	85.5
CHIWP061	P-61	12/28/23 13:25	82.1	82.1
CHIWP065	P-65	12/28/23 13:36	87.4	87.4
CHIWP071	P-71	12/28/23 14:21	115.1	115.1
CHIWP075	P-75	12/28/23 13:41	94.0	94.0
CHIWP076	P-76	12/5/23 15:49	102.0	102.0

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHIWP076	P-76	12/6/23 15:08	115.9	120.0
CHIWP079	P-79	12/28/23 12:36	89.1	89.1
CSC2000E	SC-2000E	12/8/23 11:49	110.6	111.0
CSC2001E	SC-2001E	12/8/23 11:29	91.8	92.7
CSC2001W	SC-2001W	12/13/23 14:47	94.5	94.6
CHISW010	SW-10	12/14/23 10:51	80.5	80.5
CHISW115	SW-115	12/31/23 10:46	76.2	76.3
CHSW1445	SW-1445	12/29/23 15:45	67.5	67.4
CHSW1455	SW-1455	12/13/23 14:57	84.5	84.5
CHISW154	SW-154	12/12/23 14:10	78.5	78.1
CSW17135	SW-17-135	12/29/23 15:47	65.4	65.3
CHISW187	SW-187	12/12/23 14:46	76.8	76.9
CHSW1930	SW-1930	12/4/23 11:12	79.6	79.7
CHSW1930	SW-1930	12/7/23 10:57	75.6	75.8
CHSW1930	SW-1930	12/8/23 8:20	52.8	52.8
CHSW1930	SW-1930	12/11/23 9:35	67.5	67.4
CHSW1930	SW-1930	12/12/23 9:51	70.7	70.8
CHSW1930	SW-1930	12/13/23 14:21	83.4	83.7
CHSW1930	SW-1930	12/14/23 10:36	78.2	78.4
CHSW1930	SW-1930	12/15/23 9:42	64.4	64.4
CHSW1930	SW-1930	12/19/23 8:40	58.9	58.8
CHSW1930	SW-1930	12/19/23 10:43	66.8	66.7
CHSW1930	SW-1930	12/20/23 9:12	59.5	59.5
CHSW1930	SW-1930	12/22/23 9:02	58.5	58.5
CHSW1930	SW-1930	12/26/23 8:40	51.5	51.5
CHSW1930	SW-1930	12/27/23 7:46	47.0	46.9
CHSW1930	SW-1930	12/28/23 8:03	43.5	43.4
CHSW1930	SW-1930	12/29/23 10:50	72.8	72.8
CHISW020	SW-20	12/13/23 11:40	74.2	76.4
CHISW020	SW-20	12/13/23 11:41	76.9	77.3
CHISW025	SW-25	12/4/23 11:19	81.6	81.6
CHISW025	SW-25	12/7/23 11:08	80.0	80.0
CHISW025	SW-25	12/8/23 8:28	75.2	75.2
CHISW025	SW-25	12/11/23 9:39	75.2	75.2
CHISW025	SW-25	12/12/23 9:59	76.9	77.0
CHISW025	SW-25	12/13/23 14:30	81.4	81.4
CHISW025	SW-25	12/14/23 10:43	77.6	77.6
CHISW025	SW-25	12/15/23 9:47	77.1	77.1
CHISW025	SW-25	12/19/23 8:46	79.1	79.1
CHISW025	SW-25	12/20/23 9:16	79.8	79.9
CHISW025	SW-25	12/22/23 9:08	77.7	77.7
CHISW025	SW-25	12/26/23 8:31	76.3	76.4
CHISW025	SW-25	12/27/23 7:51	74.1	73.9
CHISW025	SW-25	12/29/23 10:59	78.1	78.1
CHISW030	SW-30	12/4/23 11:52	79.3	79.4

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW030	SW-30	12/7/23 12:34	76.2	76.1
CHISW030	SW-30	12/8/23 8:53	61.9	62.0
CHISW030	SW-30	12/11/23 10:15	69.6	69.5
CHISW030	SW-30	12/12/23 10:52	77.3	77.3
CHISW030	SW-30	12/14/23 11:19	75.5	75.5
CHISW030	SW-30	12/15/23 10:26	73.4	73.4
CHISW030	SW-30	12/19/23 9:46	67.0	67.1
CHISW030	SW-30	12/20/23 10:09	66.3	66.2
CHISW030	SW-30	12/26/23 9:00	66.9	67.0
CHISW030	SW-30	12/27/23 8:24	67.0	67.0
CHISW030	SW-30	12/29/23 11:35	76.8	76.6
CHISW032	SW-32	12/4/23 11:57	76.6	76.4
CHISW032	SW-32	12/7/23 12:40	66.7	66.4
CHISW032	SW-32	12/8/23 8:57	63.8	64.1
CHISW032	SW-32	12/11/23 10:20	74.1	74.0
CHISW032	SW-32	12/12/23 10:56	85.2	85.2
CHISW032	SW-32	12/14/23 11:23	78.7	78.9
CHISW032	SW-32	12/15/23 10:29	78.1	78.2
CHISW032	SW-32	12/19/23 9:50	69.3	69.4
CHISW032	SW-32	12/20/23 10:02	59.4	59.4
CHISW032	SW-32	12/22/23 10:07	73.5	73.7
CHISW032	SW-32	12/26/23 9:14	56.7	56.3
CHISW032	SW-32	12/27/23 8:29	59.4	59.4
CHISW032	SW-32	12/27/23 8:33	72.2	72.5
CHISW032	SW-32	12/27/23 13:04	79.5	79.5
CHISW032	SW-32	12/29/23 11:38	73.0	72.7
CHISW064	SW-64	12/4/23 11:48	81.8	82.0
CHISW064	SW-64	12/7/23 12:29	78.6	78.5
CHISW064	SW-64	12/8/23 8:47	62.7	62.8
CHISW064	SW-64	12/11/23 10:11	70.6	70.3
CHISW064	SW-64	12/12/23 10:45	79.8	79.7
CHISW064	SW-64	12/14/23 11:15	75.8	75.8
CHISW064	SW-64	12/15/23 10:22	72.4	72.4
CHISW064	SW-64	12/19/23 9:42	63.8	63.7
CHISW064	SW-64	12/20/23 10:06	61.5	60.8
CHISW064	SW-64	12/22/23 9:57	72.5	72.6
CHISW064	SW-64	12/22/23 10:03	72.2	72.2
CHISW064	SW-64	12/26/23 8:56	58.3	58.3
CHISW064	SW-64	12/27/23 8:20	58.0	58.0
CHISW064	SW-64	12/29/23 11:31	76.2	76.2
CHISW065	SW-65	12/31/23 10:49	73.8	73.8
CHISW066	SW-66	12/12/23 14:14	88.7	88.7
CHISW068	SW-68	12/4/23 12:01	76.1	76.0
CHISW068	SW-68	12/7/23 12:14	72.8	72.9
CHISW068	SW-68	12/8/23 9:01	68.1	68.0

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHISW068	SW-68	12/11/23 10:26	70.1	70.4
CHISW068	SW-68	12/12/23 10:59	75.8	75.8
CHISW068	SW-68	12/14/23 11:26	72.3	72.2
CHISW068	SW-68	12/15/23 10:33	70.6	70.5
CHISW068	SW-68	12/19/23 9:53	66.6	66.4
CHISW068	SW-68	12/20/23 10:00	65.9	65.8
CHISW068	SW-68	12/22/23 10:10	70.9	70.8
CHISW068	SW-68	12/26/23 9:10	62.6	62.6
CHISW068	SW-68	12/27/23 8:37	61.9	61.7
CHISW068	SW-68	12/27/23 8:40	61.2	61.1
CHISW068	SW-68	12/27/23 13:11	70.1	70.0
CHISW068	SW-68	12/29/23 11:42	71.3	71.2
CHISW007	SW-7	12/4/23 11:24	77.4	77.4
CHISW007	SW-7	12/7/23 11:14	76.2	76.2
CHISW007	SW-7	12/8/23 8:35	71.9	72.0
CHISW007	SW-7	12/11/23 9:46	72.5	72.5
CHISW007	SW-7	12/12/23 10:03	74.4	74.5
CHISW007	SW-7	12/13/23 14:34	76.4	76.4
CHISW007	SW-7	12/14/23 10:47	74.7	74.7
CHISW007	SW-7	12/15/23 9:52	74.3	74.3
CHISW007	SW-7	12/19/23 8:50	73.7	73.7
CHISW007	SW-7	12/20/23 9:23	74.6	74.7
CHISW007	SW-7	12/22/23 9:12	71.6	71.7
CHISW007	SW-7	12/26/23 8:35	67.3	67.3
CHISW007	SW-7	12/27/23 7:56	66.2	66.2
CHISW007	SW-7	12/29/23 11:03	71.2	71.2
CHISW070	SW-70	12/12/23 14:49	85.5	85.7
CHISW071	SW-71	12/15/23 12:00	75.4	75.3
CHISW072	SW-72	12/5/23 14:48	85.4	85.4
CHISW072	SW-72	12/6/23 15:35	82.4	83.0
CHISW080	SW-80	12/12/23 12:06	85.5	85.7
CHISW009	SW-9	12/12/23 14:51	78.0	78.0
CHH1959S	TC-1959S	12/13/23 15:52	101.9	102.0
CHH1961A	TC-1961A	12/14/23 16:26	111.0	110.7
CHH1961C	TC-1961C	12/8/23 8:51	112.2	113.0
CHH1961E	TC-1961E	12/7/23 16:53	115.5	116.1
CHH1961W	TC-1961W	12/8/23 10:17	106.0	106.1
CHH2173W	TC-2173	12/7/23 9:07	108.4	108.4
CHTC2174	TC-2174	12/5/23 8:32	146.1	146.2
CHTC2174	TC-2174	12/12/23 11:43	145.5	145.5
CHTC2174	TC-2174	12/12/23 15:48	145.9	146.1
CHTC2174	TC-2174	12/12/23 15:49	146.5	146.5
CHTC2174	TC-2174	12/18/23 9:13	146.6	146.6
CHTC2174	TC-2174	12/26/23 8:48	147.3	147.4
CHTC2378	TC-2378	12/8/23 9:31	149.1	149.1

Attachment D - Well Temperature Data
December 2023

Point ID	Point Name	Record Date	Init Temp [°F]	Adj Temp [°F]
CHTC2378	TC-2378	12/11/23 15:16	149.8	149.8
CHTC2378	TC-2378	12/11/23 15:19	149.8	149.8
CHTC2378	TC-2378	12/13/23 11:45	147.8	147.8
CHTC2378	TC-2378	12/19/23 10:15	149.9	149.9
CHTC2378	TC-2378	12/27/23 15:19	150.9	150.9
CTC2378E	TC-2378E	12/7/23 9:35	143.0	143.0
CTC2378E	TC-2378E	12/7/23 9:37	143.1	143.2
CTC2378E	TC-2378E	12/8/23 9:15	141.7	141.7
CTC2380E	TC-2380E	12/5/23 13:54	101.0	101.0
CTC2380W	TC-2380W	12/11/23 15:26	114.1	114.1
CTC2381E	TC-2381E	12/11/23 11:38	123.6	123.6
CTC2381E	TC-2381E	12/11/23 11:51	129.4	129.3
CTC2382B	TC-2382B	12/6/23 9:55	166.0	166.0
CTC2382B	TC-2382B	12/13/23 8:46	152.3	152.3
CTC2382B	TC-2382B	12/13/23 16:07	145.9	146.2
CTC2382B	TC-2382B	12/13/23 16:09	146.4	146.2
CTC2382B	TC-2382B	12/18/23 15:00	126.6	126.4
CTC2382B	TC-2382B	12/27/23 12:36	113.0	112.8
CTC2382E	TC-2382E	12/5/23 11:16	160.1	166.0
CTC2382E	TC-2382E	12/12/23 16:00	166.8	166.8
CTC2382E	TC-2382E	12/18/23 14:41	165.5	165.5
CTC2382E	TC-2382E	12/27/23 10:46	162.8	162.8
CTC2383S	TC-2383S	12/31/23 12:54	60.0	60.2
CTC2383S	TC-2383S	12/31/23 12:55	60.1	60.1
CTC2385A	TC-2385A	12/7/23 10:03	129.3	129.3
CTC2385A	TC-2385A	12/11/23 14:46	115.2	115.3
CTC2385N	TC-2385N	12/11/23 14:31	113.9	114.1
CTC2385S	TC-2385S	12/5/23 16:55	103.6	103.6
CHIWVL02	VL-02	12/13/23 9:16	79.1	79.2

Attachment E

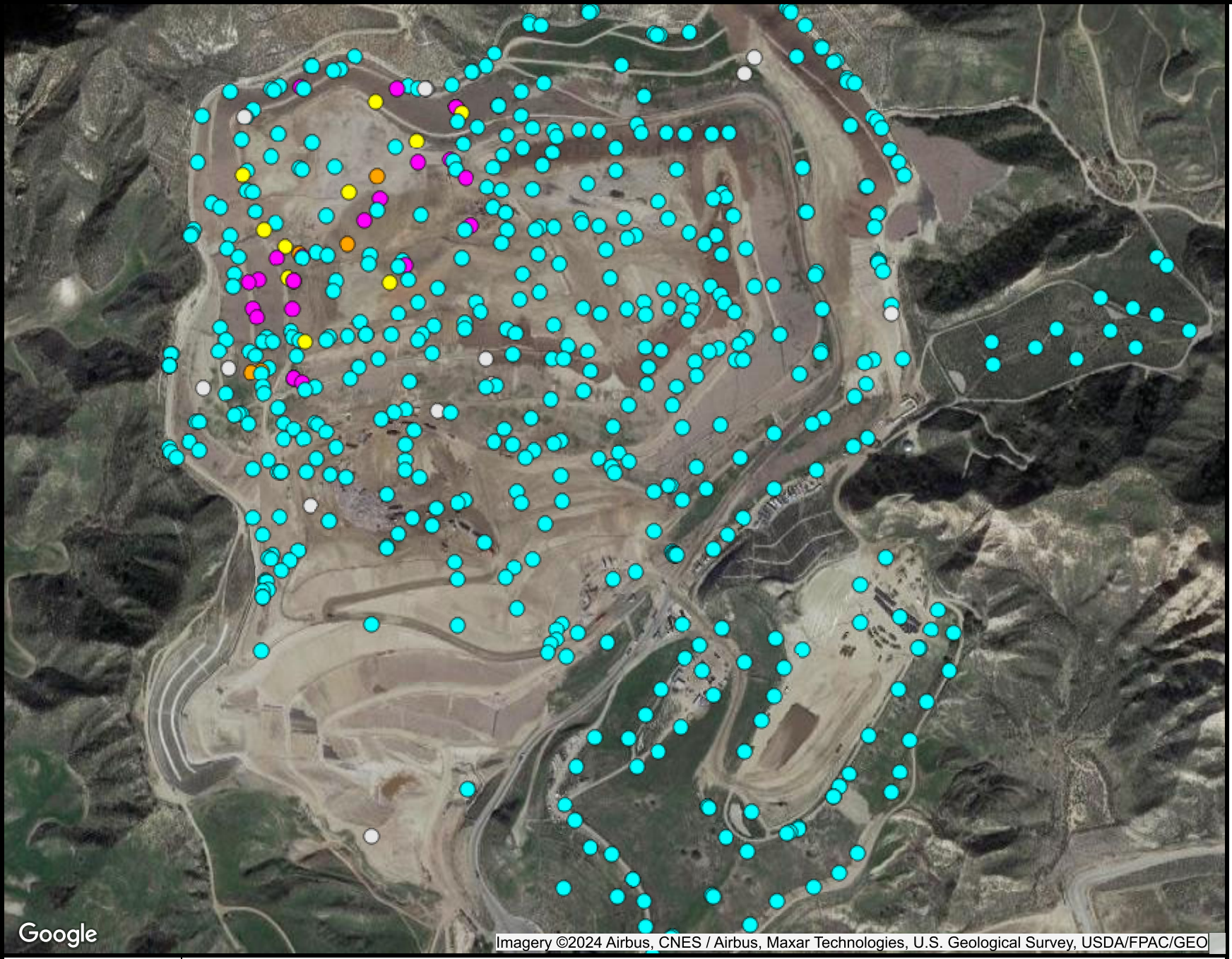
Lab Analysis and Draeger Tube Readings

Attachment E - Lab Analysis and Draeger Tube Data
December 2023

Date Sampled	Draeger Tube Readings (ppmv)	Lab Analysis (ppmv)		
	H2S	H2S	DMS	TRS
12/7/2023	5	8.69	209	312.0
12/14/2023	12	13.8	160	241.3
12/20/2023	23	21.4	137	202.0
12/27/2023	35	33.4	220	347.5

Attachment F

Graphic Map



Ranges Mapped

				# Points
>	-50	and	<= 145	494
>	145	and	<= 160	13
>	160	and	<= 169.99	5
>	169.99	and	<= 999	20
	N/A		N/A	16

Point Type Legend

well

N

SCSeTools

Chiquita Canyon Landfill

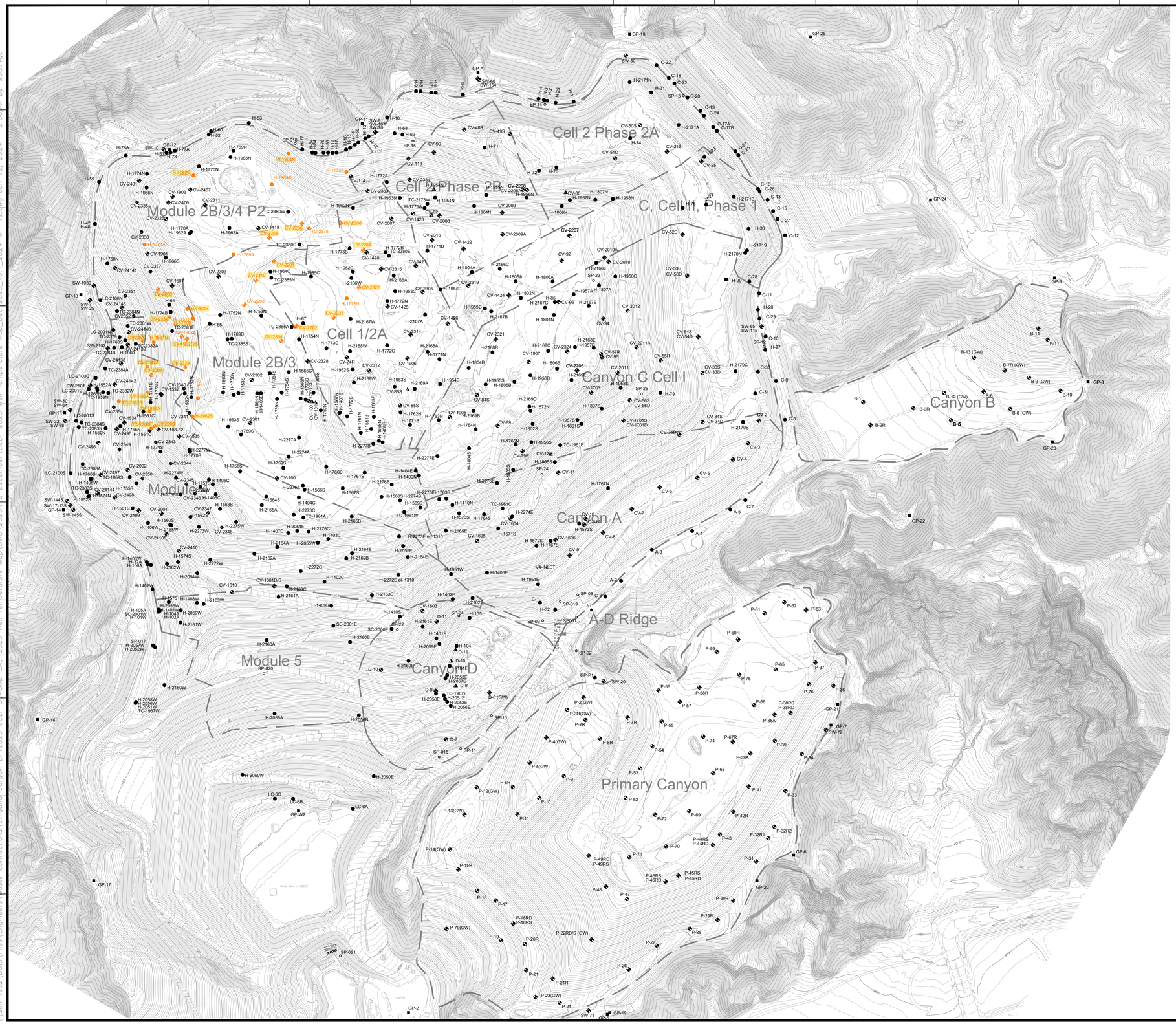
Range Map

Parameter: AdjTemp

Analysis Method: Average

Date Range: 12/01/2023 - 12/31/2023

Map generation date : 01/12/2024



N

GRAPHIC SCALE

230 115 0 230 460 690

SCALE: 1"=230'

LEGEND

1150	EXISTING MAJOR 10 FT. CONTOUR
	EXISTING MINOR 2 FT. CONTOUR
	EXISTING CELL LIMITS (APPROXIMATE)
CV-69	EXISTING VERTICAL WELLS ABOVE-GRADE
C-31	EXISTING VERTICAL WELLS BELOW-GRADE
C-31	EXISTING HORIZONTAL WELLS
SP-1	EXISTING DETECTION WELLS
C-39	EXISTING REMOTE VERTICAL WELLHEAD
GP-9	EXISTING PERIMETER MIGRATION PROBE
CV-69	EXISTING VERTICAL WELLS ABOVE-GRADE-TEMPERATURE GREATER THAN 145°F
C-31	EXISTING HORIZONTAL WELLS - TEMPERATURE GREATER THAN 145°F
	EXISTING WELL WITH CARBON MONOXIDE (CO) GREATER THAN 1500 PPMV

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 MAT VARY AND SUBJECT TO CHANGE BASED ON FUTURE FILL OPERATIONS, WASTE PLACEMENT, TOPOGRAPHIC FEATURES, AND OTHER SITE-SPECIFIC FACTORS.

NO.	REVISION	DATE

SHEET TITLE: WELL TEMPERATURE MAP

PROJECT TITLE: DECEMBER 2023 MONTHLY REPORT CHIQUITA LANDFILL CASTAIC, CALIFORNIA

CLIENT:

SCS ENGINEERS
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ACAD FILE: ENGINEERS

PROJ. NO. 07214017.93 | DWN. BY: VC | CHK. BY: BH | APP. BY: - | DSN. BY: -

DATE: 01/12/2024

SCALE: AS SHOWN

SHEET: 1

Attachment G

Inspection Logs

12-1-23

CRACKS WERE TRACK WALKED

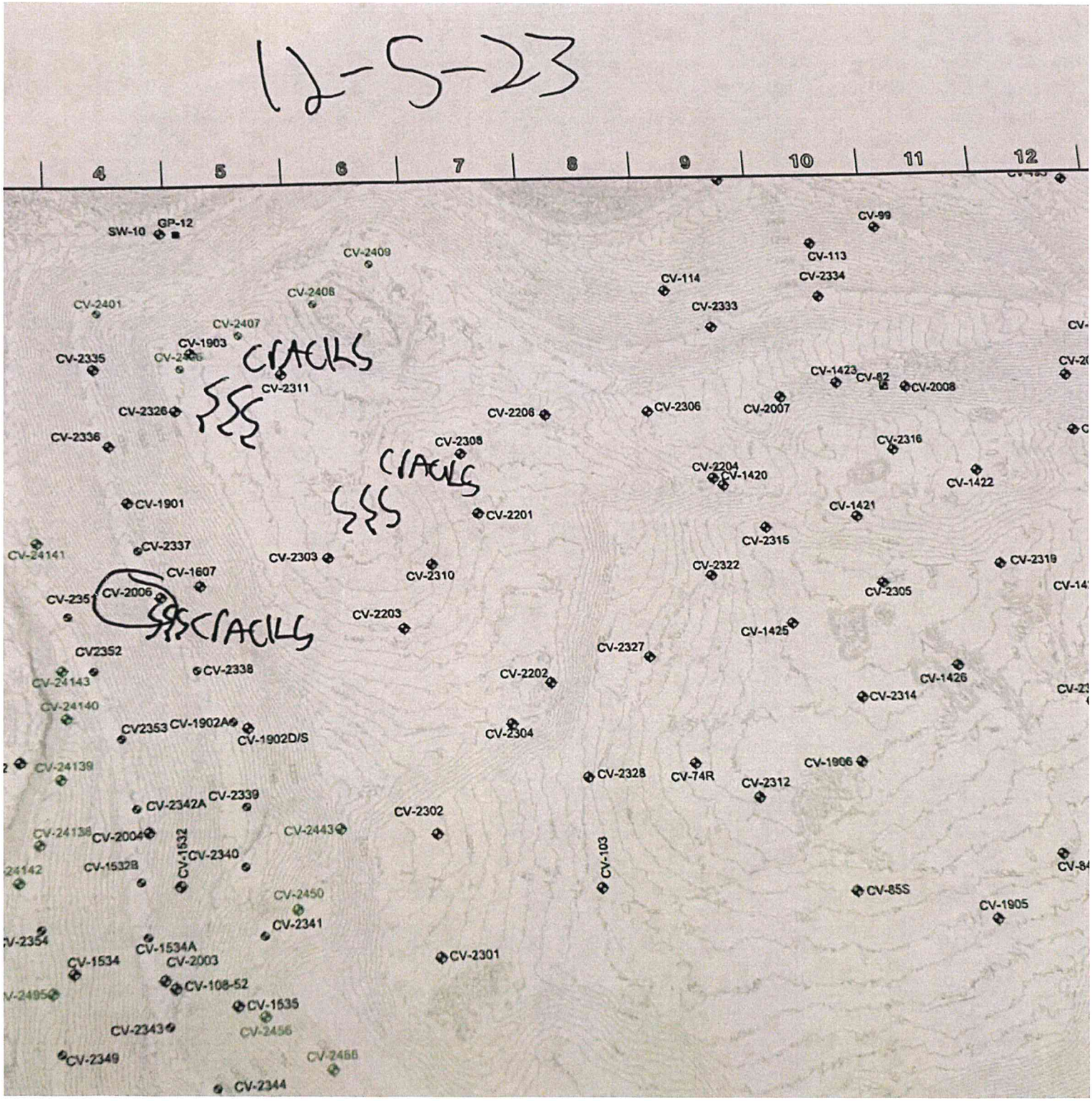
12-4-23

CRACKS WERE TRACK WALKED

12-05-23

CRACKS WERE TRACK WALKED

12-6-23
CRACKS WERE
TRACK WALKED



12-07-23

CRACKS WERE TRACK WALKED

12-8-23 cracks were trace walked

12-11-23
cracks were
track walked

12-12-23

CRACKS WERE TRACK WALKED

12-13-23

CRACKS WERE TRACK WALKED

12-14-23

CRACKS WERE TRACK WALKED

12-15-23 CRACKS WERE TRACK WALKED

12-18-23 CRACKS WERE TRACK WALKED

12-19-23

CRACKS WERE
TRACK WALKED

12/20/23

Cracks were
Track Walked

N

W

E

S

12/21/23 Cracks were Track walked

N

W

E

S

12/22/23 Cracks were track walked

N

W

E

S

12-23-23 cracks were track walked

N

W

E

S

12-26-23 CRACKS WERE TRACK WALKED

12-27-23

CRACKS ARE
BEING TRACK WALKED

12-28-23 CRACKS WERE TRACK WALKED

12-29-23 CRACKS WERE TRACK WALKED

12-30-23

cracks were
track walked

N

W

E

S

Attachment H

Geosynthetic Cover Memorandum

MEMORANDUM

To:	Steve Cassulo
From:	Julie Hauenstein P.E. – Tetra Tech
Date:	December 19, 2023
Subject:	Re: Chiquita Canyon Landfill – Mitigation Measure #2A

1.0 INTRODUCTION

This memorandum summarizes the plan to address Mitigation Measure #2A as required by the Los Angeles County Local Enforcement Agency (the LEA) compliance letter, dated December 14, 2023. As noted in Chiquita Canyon, LLC's (Chiquita) December 15, 2023 response to the LEA's December 14 letter, Chiquita will install a 30 mil HDPE geomembrane cover over the reaction settlement area. Attachment 1 to this memorandum shows the approximate area of the Chiquita Canyon Landfill (Landfill) that must be covered to address Mitigation Measure #2A, an area of approximately 23.9 acres. The 23.9-acre area also includes additional area to accommodate necessary drainage improvements.

2.0 GEOMEMBRANE COVER

2.1 INSTALLATION WORK PLAN

An exposed geosynthetic cover comprised of 30 mil HDPE geomembrane will be installed as noted in Chiquita's December 15 response to the LEA. Attachment 2 to this memorandum provides the technical data sheet for this geomembrane cover material. This product has a nominal thickness of 30 mils, is textured on both sides, and is white on one side and black on the other. The geomembrane will be installed with the white side up to reduce thermal expansion and contraction.

As a first step in the installation process, Chiquita will remove the green waste and vegetation that is growing on the area that will be covered and prepare the subgrade for geomembrane installation. Surface landfill gas collectors will then be installed in the area to prevent landfill gas from building up pressure under the geomembrane once it is installed. Pressure relief valves will be installed in the geomembrane to vent the geomembrane in the event that the landfill gas collection and control system (GCCS) goes off-line. Portions of the existing GCCS will be taken off-line and the laterals, headers and vacuum lines will be disconnected and temporarily relocated, the geomembrane will then be installed and the laterals, headers and vacuum pipes will be replaced above the geomembrane then reconnected and brought back on-line. The GCCS laterals, headers and vacuum pipes will be installed over the geomembrane so that adjustments can be made to maintain positive drainage within the pipe network.

Geomembrane pipe boots will be installed around vertical landfill gas wells to provide a continuous seal.

A sandbag ballast system will also be placed on top of the geomembrane to prevent uplift.

The installation of the geomembrane cover will be phased by area of the Landfill. Chiquita plans to install the geomembrane over the following portions of the Landfill in the following order: (1) northerly portion of the west slope of the reaction area; (2) top deck of the reaction area; (3) central portion of the west slope of the reaction area; and (4) north slope of the reaction area. Phases are necessary because of various preparatory tasks, including clearing the area, ensuring proper grading to promote drainage, temporary relocation of portions of the existing GCCS and installing

necessary landfill gas collector systems. Chiquita intends to sequence the work so that the preparatory tasks are completed ahead of the liner crew and that liner installation is continuous.

2.2 MAINTENANCE

Any significant depressions in the landfill surface under the geomembrane will be repaired by cutting back the geomembrane, filling in the depression with clean soil, and then placing a patch of geomembrane material over the hole that extends beyond the cut location. A channel and/or pump capable of draining the lowest point of the depression will be constructed or installed if ponding is anticipated for a prolonged period or a change to surface drainage is required. The site engineer will be responsible for directing fill placement in the depression to facilitate drainage. Records of the depths and limits of fill placement will be maintained.

Elective penetration of the geomembrane cover system associated with installation or maintenance of GCCS components will be initiated in coordination with, and with the approval of, the site engineer. All earthwork and geosynthetic repairs will be completed in accordance with the procedures contained in the specifications and construction quality assurance (CQA) plan that will be prepared for the project. For well boring excavations, the annular space between the well casing and the boring wall will be backfilled with bentonite from a depth of approximately 5-feet below grade to 3-feet below grade, to achieve an adequate seal around the pipe. A geomembrane pipe boot will then be installed around the completed well and welded to the surrounding geomembrane. Note also that placing a geomembrane cover over an area of the Landfill with rapid settlement could result in delays in adjustments/expansion of the GCCS and repair of low spots due to restrictions in access, the need to mobilize a liner crew to make repairs, and an inability to work in wet conditions.

2.3 ANTICIPATED INSTALLATION SCHEDULE

This section provides the anticipated schedule for the installation of this geosynthetic cover. This timeline is subject to change based on weather, material availability, site conditions, and other unanticipated events. The size of the cover area may also be subject to change based on further monitoring of existing or proposed gas extraction wells. The construction schedule discussed below is based on working six days a week, 10-hours a day.

Weeks 1-2 – Mobilization, clearing, grubbing, and drainage improvements.

Week 2 – Installation of surface landfill gas collectors.

Weeks 3-10 – Geomembrane cover placement (assumes approximately 23.9 acres of placement at an installation rate of approximately 0.35 acres per day, based on a typical base liner installation rate of 1 acre per day and reduced to 0.35 to account for working around/under existing landfill gas system improvements).

Week 11 – Construction Quality Assurance Report Submittal to LEA.

Note that current weather conditions will not allow for construction to start this week. However, Chiquita will be meeting with contractors this week to discuss staging and sequencing, and anticipates starting mobilization/clearing and grubbing on Tuesday, December 26, 2023, weather permitting.

2.4 MATERIAL AVAILABILITY

Currently, Chiquita has 1,307,250 square feet (30 acres) of the 30 mil HDPE geomembrane cover material onsite and will be purchasing more to ensure there is enough material to expand the cover as needed.

<u>Attachments:</u>

1. Approximate Cover Area
2. 30 mil HDPE Geomembrane Technical Data Sheet

Attachment 1
Approximate Cover Area

LEGEND

1150	EXISTING CONTOUR
CV-XX	EXISTING DE-WATERING LFG WELL WITH PUMP
CV-XX	EXISTING VERTICAL LFG EXTRACTION WELL
H-XX	EXISTING HORIZONTAL LFG EXTRACTION WELL
	HIGH TEMP OR CO CONCENTRATIONS AREA BOUNDARY (APPROXIMATE)

GENERAL DRAWING NOTES:

1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLER. AERIAL PHOTOGRAPHY DATED OCTOBER 23, 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.

NO.	REVISION	DATE

SHEET TITLE: HIGH TEMP AND CO AREAS

PROJECT TITLE: CHIQUITA LANDFILL CASTAIC, CALIFORNIA

CLIENT: CHIQUITA CANYON LANDFILL CASTAIC, CALIFORNIA

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PROJ. NO. 07214017.93 | DWN. BY: SRM/JH | ACAD FILE: LF ENGINEERS
DSN. BY: JH | CHK. BY: WCH | APP. BY: -

DATE: 12/6/2023

SCALE: AS SHOWN

SHEET: 1

Attachment 2
30 mil HDPE Geomembrane Technical Data Sheet

TECHNICAL DATA SHEET

HDPE 7000 30 mil White Reflective Textured

PROPERTY(1)	TEST METHOD	FREQUENCY	UNIT Imperial	1084228
SPECIFICATIONS				
Thickness (Nominal ±10%) (11)	ASTM D5994	Every roll	mils	30
Asperity Height (min. avg.)	ASTM D7466	Every roll	mils	16
Resin Density	ASTM D1505	Certified	g/cc	> 0.932
Melt Index - 190°C/2.16 kg (max.)	ASTM D1238	Certified	g/10 min	1.0
Density	ASTM D792	One per batch	g/cm^3	≥ 0.940
Carbon Black Content	ASTM D4218	Every 2 rolls	%	2.0 - 3.0
Carbon Black Dispersion	ASTM D5596	Every 10 rolls	Category	Cat. 1 & Cat. 2
OIT - Standard (min. avg.)	ASTM D8117	Per formulation	min	100
Tensile Properties (min. avg) (2)	ASTM D6693	Every 5 rolls		
Strength at Yield			lbs/in	63
Elongation at Yield			%	12
Strength at Break			ppi	45
Elongation at Break			%	100
Tear Resistance (min. avg.)	ASTM D1004	Every 10 rolls	lbf	21
Puncture Resistance (min. avg.)	ASTM D4833	Every 10 rolls	lbf	45
Dimensional Stability	ASTM D1204	Certified	%	± 2
Stress Crack Resistance (SP-NCTL)	ASTM D5397	One per batch	hr	500
Oven Aging - % retained after 90 days	ASTM D5721	Per formulation (5)		
HP-OIT (min. avg.)	ASTM D5885		%	80
UV Resistance - % retained after 1,600 hr	ASTM D7238	Per formulation (5)		
HP-OIT (min. avg.)	ASTM D5885		%	50
SUPPLY SPECIFICATIONS(Roll dimensions may vary ±1%)				
Roll Dimension - Width	-		ft	22.5
Roll Dimension - Length	-		ft	830
Area (Surface/Roll)	-		ft^2	18675
Color (one side) (4)	-			White

NOTES

1. Testing frequency based on standard roll dimensions and one batch is approximately 180,000 lbs (or one railcar).
2. Machine Direction (MD) and Cross Machine Direction (XMD or TD) average values should be on the basis of 5 specimens each direction.
4. Black or grey spots may be visible on the textured surface. Smooth edge may not have the same consistent shade of color as the membrane itself. The colored layer may cause the carbon black content results to be higher than 3%.
5. Certified by core (black) formulation on geomembrane roll or molded plaque.
11. The minimum average thickness is ±10% of the nominal value.

* All values are nominal test results, except when specified as minimum or maximum.
* The information contained herein is provided for reference purposes only and is not intended as a warranty or guarantee. Final determination of suitability for use contemplated is the sole responsibility of the user. SOLMAX assumes no liability in connection with the use of this information.

Solmax is not a design professional and has not performed any design services to determine if Solmax's goods comply with any project plans or specifications, or with the application or use of Solmax's goods to any particular system, project, purpose, installation or specification.

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Revision date 10-Sep-2020