CHIQUITA CANYON
A Waste Connections Company

January 30, 2026

California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013
ATTN: Information Technology Unit

CHIQUITA CANYON LANDFILL, COMPLIANCE FILE NO. CI-6231
SEMIANNUAL MONITORING REPORT, THIRD AND FOURTH QUARTER 2025
AND 2025 ANNUAL SUMMARY

Per the Waste Discharge Requirements No. R4-2018-0172 (WDR) and Monitoring and Reporting Program No. CI-6231 (MRP), attached is the Chiquita Canyon Landfill Semiannual Monitoring Report for the Third and Fourth Quarters of 2025 and 2025 Annual Summary for your review. The results of the groundwater monitoring and sampling event conducted in July and October 2025 and other site monitoring activities conducted during 2025 at the Chiquita Canyon Landfill are included in this report.

Per MRP Condition B.I.a, Chiquita Canyon Landfill notes that no violations have occurred since submittal of the last semiannual monitoring report, with the exception of the information presented in the Summary of Non-Compliance detailed in Section 1.1 of this report.

> I certify under the penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

Please contact me at (661) 257-3655 if you have any questions or need further information.

KEVIN GREEN – DISTRICT MANAGER
CHIQUITA CANYON LANDFILL

Enclosures

SEMIANNUAL GROUNDWATER MONITORING REPORT

THIRD AND FOURTH QUARTERS 2025
(July 1 through December 31, 2025)

AND

2025 ANNUAL SUMMARY

CHIQUITA CANYON LANDFILL

COMPLIANCE FILE NO. CI-6231

CASTAIC, CALIFORNIA

FOR

CHIQUITA CANYON LANDFILL

PREPARED BY



JANUARY 30, 2026

SEMIANNUAL GROUNDWATER MONITORING REPORT
THIRD AND FOURTH QUARTERS 2025
AND
2025 ANNUAL SUMMARY

CHIQUITA CANYON LANDFILL

This report was prepared consistent with current and generally accepted environmental consulting principles and practices that are within the limits described herein.



Chang Environmental



Paul D. Chang, C. Hg.
Environmental Geologist

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[1] The 4th Quarter 2025 report is not due until February 14, 2026 and is therefore not included in this report.

1.0 INTRODUCTION

On behalf of Chiquita Canyon Landfill (CCL), Chang Environmental has prepared this Semiannual Groundwater Monitoring Report for the Chiquita Canyon Landfill. This report includes the Third and Fourth Quarters 2025 Detection Monitoring Program (DMP), Evaluation Monitoring Program (EMP), and Corrective Action Program (CAP) Groundwater Monitoring Report for the reporting period of July through December 2025. The annual summary of the monitoring activities for 2025 is also included in this report. The primary purpose of this report is to provide groundwater quality data collected pursuant to Waste Discharge Requirements (WDRs) Order No. R4-2018-0172, issued by the California Regional Water Quality Control Board – Los Angeles Region (RWQCB).

1.1 Summary of Non-Compliance

Pursuant to Section B.1.b of the Monitoring and Reporting Program (No, CI-6231), CCL is required to provide details of the compliance record and corrective actions taken or planned during the reporting period. CCL did not receive any orders or notices of violation from the RWQCB during the July 1 through December 31, 2025 reporting period. However, CCL continued implementing the following measures during the current reporting period in response to prior orders or notices of violation:

- Pursuant to the June 27, 2024 Notice of Violation issued by the RWQCB, CCL continued to sample the offsite groundwater well FP-01 and include results in quarterly groundwater monitoring reports during this reporting period.

- Pursuant to the June 27, 2024 Notice of Violation, CCL was required to provide (1) a quarterly report on the integrity of the bottom liner and leachate collection and removal system (LCRS) within the reaction area; (2) specific requirements relating to temperature data and leachate generation/removal rates as part of the LCRS integrity assessment; and (3) monitoring data for all discharges into and out of the south detention basin for dates on which there were alleged storm events. Since the issuance of this NOV, CCL has submitted Quarterly Groundwater and Quarterly Liner and LCRS Integrity Reports, beginning with the July 15, 2024 report through the most recent submission on January 15, 2026. In addition, CCL has been submitting 30-day reports to the RWQCB following storm events that have resulted in a discharge into or out of the south detention basin.

- On December 29, 2025, CCL notified the RWQCB of a suspected discharge to the permitted outlet from the east sedimentation basin. A related Notice of Violation was issued on January 6, 2026[2] (outside of the reporting period) alleging violations of the National Pollutant Discharge Elimination (NPDES) General Permit for Stormwater Discharges Associated with Industrial Activities (Order No. 2014-0057-DWQ, as amended by Order No. 2018-0028-DWQ). The Notice of Violation does not require any corrective action.

[2] A corrected version was issued on January 7, 2026.

1.2 Site Conditions

The Chiquita Canyon Landfill is a Class III solid waste disposal facility owned and operated by CCL. The landfill is in the Santa Clara River basin, approximately three miles west of Castaic Junction in Los Angeles County, California. The landfill includes three disposal areas designated as Primary Canyon, Canyon B, and Main Canyon. Effective January 1, 2025, the landfill closed active waste disposal operations and is no longer accepting waste.

CCL is located at the eastern end of the Ventura Basin within the Transverse Ranges geomorphic province. Sedimentary rock units at and near the site are the Pliocene age Pico Formation and the Plio-Pleistocene age Saugus Formation. The marine sediments of the Pico Formation outcrop in the northwest portion of the site. The Saugus Formation overlies the Pico Formation at CCL, and Saugus Formation units extend south and east to the Castaic-Newhall area. The Saugus Formation is composed of interbedded shallow-water marine, brackish water, and nonmarine units. Other geologic materials exposed nearby include terrace deposits of Pleistocene age and Holocene alluvium mantling the valley floor. Groundwater beneath the landfill occurs in the sedimentary bedrock (Pico and Saugus formations) and generally flows southward into the Santa Clara River Valley.

Climate at the site is that of semiarid climate typical of the Transverse Ranges. The entire site is well above the 100-year floodplain based on the Federal Emergency Management Agency Flood Insurance Rate Map (FEMA) for Los Angeles County, California. The 100-year, 24-hour rainfall amount was calculated to be 6.51 inches (Golder, 2017). The site lies in a canyon east of San Martinez Chiquito Canyon and south of Hasley Canyon, and is separated from both by relatively steep ridgelines. The ridgelines define the northern and western boundaries of the site, resulting in minimal contributory drainage areas to the landfill. Surface water runoff within the site's drainage basin is directed to the south and east. Most of the site drains south toward the Santa Clara River, which runs along the southern border of the site. The northeast portion of the site drains eastward into a large unnamed canyon, then southeast into Castaic Creek, approximately 3,000 feet from the site boundary.

1.3 Groundwater Flow Direction and Velocity

Determinations of groundwater flow direction and velocity are based on groundwater elevations measured each quarter. The groundwater elevations, interpreted groundwater elevation contours, and the groundwater flow directions are shown for each quarter in Figures 1 (Third Quarter) and 2 (Fourth Quarter). At each well monitored, groundwater elevations were similar in both quarters, so the groundwater elevation contour maps show similar gradients and flow directions for the periods monitored.

Within the Main Canyon area, groundwater flow in the Pico Formation is south, away from the steep topographic ridge to the north. Based on water elevation contours in Figures 1 and 2, a hydraulic gradient of 0.06 feet per feet (ft/ft) was estimated for groundwater in Pico Formation bedrock along the upgradient (north) perimeter of the Main Canyon.

Across the central and southern portion of the site, including all downgradient portions of the waste management units, the uppermost groundwater occurs in the Saugus Formation. Groundwater flow is generally south beneath the Primary Canyon and the Main Canyon, with the exception of flow variations in the vicinity of well DW-17, where higher groundwater elevations indicate a

radial flow pattern away from this area. Groundwater beneath Canyon B appears to flow eastward down the canyon.

Based on water elevations measured both quarters, a range of hydraulic gradients was calculated for the uppermost water-bearing zone in the Saugus Formation. Groundwater gradients are variable, with the steepest gradients in the vicinity of well DW-17, where the local hydraulic gradient is 0.08 ft/ft southwest towards well DW-16. Across the Primary Canyon and downgradient from the Main Canyon, the estimated hydraulic gradient is 0.03 to 0.06 ft/ft.

A range of hydraulic conductivity values has been measured in the Saugus Formation at the site (EMCON, 1990; RTF&A, 2005c). The best estimate of in-situ hydraulic conductivity is based on slug test results, and ranges from 1.1×10^{-3} centimeters per second (cm/sec) to 1.1×10^{-5} cm/sec. Laboratory results of Saugus Formation samples from the site showed porosity values range from 0.25 to 0.38 (EMCON, 1990). Assuming 75 percent of the pore spaces are interconnected and contributing to effective porosity, the estimated effective porosity is 0.19 to 0.28. Using the range of aquifer properties described above and a hydraulic gradient of approximately 0.05 ft/ft for the POC at the Primary Canyon and the Main Canyon, the calculated linear flow velocity for the Saugus Formation varies from approximately 2.0 to 299 feet per year.

2.1 Groundwater Monitoring Network

The groundwater monitoring network consists of 18 monitoring wells (DW-1, DW-3, DW 7, DW 8, DW-9, DW-12, DW-14, DW-15, DW-16, DW-17, DW-18, DW-21, DW-28, DW-29, DW 30, DW-31, FP-01, and PZ-4). Additional points DW 23, DW-24, DW-26, PZ 3, PZ-5, PZ-6, PZ-7, GP-15, GP-16, GP-17, GP 21, GP-22, GP-24, GP-25, and GP-26 are sounded for water levels only. Monitoring points DW-8, DW-25, DW-27, DW-28, PZ-5, PZ-6, GP-25, and GP-26 are completed within the Pico Formation, and the remaining wells and piezometers are monitoring the Saugus Formation.

In accordance with the Investigative Order R4-2024-0010, Chiquita placed five existing groundwater monitoring wells (DW-9, DW-15, DW-16, DW-17, and DW-29) and three new monitoring wells (DW-30, DW-31, and FP-01) installed downgradient of the reaction area into an evaluation monitoring program (EMP). Two onsite monitoring wells (DW-30 and DW-31) were installed in September 2024 by Geo-Logic Associates (GLA) pursuant to Investigative Order Item 1(b). One offsite monitoring well (FP-01) was installed in April 2025 by GLA. A well installation report for DW-30, DW- 31, and FP-01 was prepared by GLA and submitted in May 2025. No surface monitoring network is present at the site.

2.2 Description of Monitoring Activities

Sampling and analytical requirements include quarterly and semiannual groundwater monitoring for monitoring parameters specified in the MRP.[3] Additional monitoring for COCs is annually, at five-year intervals, for background sampling for new constituents when new wells are installed, or when "triggered" by the release discovery response process. The latest five-year COC scan was conducted in April 2016 (R. T. Frankian & Associates (RTF&A), 2016b). The COC sampling is currently conducted annually in accordance with the MRP. CCL has complied with Section C (Required Water Quality Monitoring and Inspection Program) of this MRP.

A CAP is in progress at wells DW-1 near Primary Canyon, and DW-3 at Canyon B. Previous CAP well DW-20 was destroyed and replaced with detection well DW-29. Volatile organic compounds (VOCs) have been historically reported in groundwater samples from these wells. Implemented corrective action measures at these disposal areas include landfill gas (LFG) collection and control system improvements aimed at reducing subsurface gas migration to groundwater.

Quarterly monitoring and semiannual reporting are required by the MRP, which contains the requirements for groundwater sampling and analysis, and evaluation of analytical results. The new WDR Order No. R4-2018-0173 adopted on December 13, 2018 included the revised MRP No. CI-6231 which changed the reporting periods as follows:

[3] Prior to November 2025, Chiquita had elected to voluntarily sample all wells at an increased monthly frequency. In November 2025, Chiquita elected to transition to quarterly sampling for wells to match the requirement outlined by Paragraph 1.d of the Investigative Order, excluding DW-30, DW-31, and FP-01 which will continue on a monthly basis.

Period	Sampling Month	Reporting
Semiannual		
First	January & April	July 31
Second	July & October	January 31
Annual Summary		
January 1 – December 31		January 31

Eight groundwater monitoring wells (DW-9, DW-15, DW-16, DW-17, DW-29, DW-30, DW-31, and FP-01) are sampled in accordance with the Investigative Order R4-2024-0010. Quarterly monitoring began in April 2024, and the most recent quarterly report was submitted on January 15, 2026.

2.3 Field Procedures for Monitoring Activities

The quarterly groundwater monitoring consisted of the following:

- measuring groundwater levels in all wells;
- collecting quarterly groundwater samples from the EMP/CAP wells DW-1, DW-3, and DW-16
- collecting quarterly groundwater samples from the EMP wells DW-9, DW-15, DW-16, DW-17, DW-29, and new wells DW-30, DW-31, and FP-01 in response to the reaction area monitoring
- collecting semiannual groundwater samples from the background monitoring wells DW-8, DW-14, and DW-28
- collecting semiannual groundwater samples from the DMP wells DW-7, DW-12, DW-18, DW-21, and PZ-4; and,
- analyzing these groundwater samples for the site monitoring parameters.

Static water levels in all monitoring network wells were measured using an electric water level sounder prior to purging and sampling. Quarterly water level measurements were collected in July and October. The measurements were recorded on well gauging forms (Appendix A), and the historical calculated elevations are tabulated in Appendix B.

The third quarter groundwater samples for this reporting period were collected in July 2025, and the fourth quarter and semiannual samples were collected in October 2025. In addition, at CCL's discretion, samples were collected from all existing wells in the groundwater monitoring program monthly from July through September 2025. The low-flow groundwater sampling procedure and field data sheets are provided in Appendix A. Field parameters that were monitored and recorded

during low-flow purging consist of specific conductance, pH, temperature, dissolved oxygen (DO), and oxygen reduction potential (ORP).

Water samples were kept on ice in coolers and transported to Enthalpy Analytics, a State-certified laboratory, for analysis. The groundwater samples were analyzed for the selected parameters specified in the MRP.[4] The fourth quarter 2024 samples were also analyzed for the site COC list. As required by MRP No. 6231, analytical results reported as "less than…" (or "nondetect") are reported as less than a numeric value. Both PQLs and MDLs are reported for each analyte tested.

The annual leachate sample was collected on September 17, 2025.

[4] As discussed with the RWQCB, in September 2025, the parameters for sampling events were adjusted to reflect only the MPars listed in Table T-2 of the Waste Discharge Requirements (WDR) Order No. R4-2018-0172.

3.1 Summary of Results

The intent of the groundwater monitoring program is to assess groundwater quality and determine whether it is being affected by the landfill. This quarterly assessment of monitoring parameters is made through both nonstatistical and statistical analyses, as described in the WDRs.

The concentration limit analysis for the nonstatistical organic (VOC/SVOC) is a comparison of each detected organic compound with its respective MDL and PQL. Detected organic compounds in samples for this monitoring period are tabulated in Table 1.

The concentration limit analysis of the indicator monitoring parameters for the DMP is the statistical intrawell prediction limit method. This intrawell approach involves using the historical water chemistry for each well as the background data for that well, rather than comparing current water chemistry to data from a different, hydraulically upgradient well. The intrawell background data pool for each well/monitoring parameter was updated prior to the April 2025 monitoring period. The next intrawell background update will be prior to April 2027 monitoring period. The statistical results are summarized in Table 2 and the prediction limit plots for each well/indicator monitoring parameter pair are included in Appendix C. The laboratory analytical reports for this reporting period are included in Appendix D. The electronic laboratory analytical results were uploaded to the State GeoTracker website in the required electronic deliverable format (EDF).

3.2 DMP/EMP Groundwater Quality Analysis

The detected organic compound results are summarized in Table 1. Most organic compounds were not detected from the DMP monitoring wells during the current reporting period. VOCs detected include:

- a trace concentration detection of Freon 12 in the July, August, September, and October samples from well PZ-4.
- trace concentration detections of eight VOCs in the August, sample from well DW-14, which appears to be a sample contamination issue. Subsequent samples collected in September and October did not detect any VOCs.
- a trace concentration detection of 1,4-dichlorobenzene in the July, August, September, and October sample from well DW-15.
- a trace concentration detection of tetrachloroethene in the July, August, September, and October sample from well DW-30.
- various trace detections of chloroform, methylene chloride, and 1,4-dichlorobenzene, which were also detected in the associated blanks, and therefore, is not considered indicative of groundwater conditions.
- a trace concentration detection of benzene in the September sample from well DW-31. Subsequent monthly samples from October through December were non-detect.

In addition, relatively low concentrations of semi-volatile organic compound (SVOC) 1,4-dioxane were detected in the monthly samples from wells DW-31 and FP-01. Disregarding suspected sample contamination for well DW-14 in August, and those detections with associated detections in the equipment, field, trip, or method blanks, only trace concentrations of a single VOC – above

the MDL but below the PQL – were detected in these wells. Therefore, CCL concluded that these results do not indicate a measurably significant change in the nature or extent of the release (Monitoring and Reporting Program Section (C)(2)(i)(i)(B)).

In general, the analytical results for indicator monitoring parameters and supplemental monitoring parameters are within historical ranges at the site. The statistical analytical results for each monitoring parameter/well pair are presented in Appendix C, and the statistical summary is provided on Table 2. None of the monitoring parameters evaluated statistically exceeded the statistical prediction limit in the DMP wells. No further action is required.

The historical landfill release identified at well DW-16 was initially indicated by the presence of trace concentrations of VOCs (TCE and PCE). Trace concentrations of various VOCs were present in the third and fourth quarter 2025 DW-16 samples (Table 1). The proposed EMP evaluation method is to plot VOC concentrations versus time (time-series plots) and evaluate trends (Appendix E). The recent VOC concentrations in samples from DW-16 have remained relatively consistent at low levels of 1.3 ug/L or less. For the monitoring parameters evaluated statistically, only chemical oxygen demand (COD) exceeded the prediction limit during this reporting period. COD is thought to be a poor indicator of the landfill impacts to the groundwater, as evidenced by the historical statistics exceedances in the background monitoring wells DW-8 and DW-28. COD at well DW-16 will be monitored in tracking mode.

The Investigative Order R4-2024-0010 placed five existing groundwater monitoring wells (DW-9, 15, 16, 17, and 29) and three new monitoring wells (DW-30, DW-31, and FP-01) installed downgradient of the reaction area into the EMP. Quarterly reporting began in April 2024. Quarterly reports for the current monitoring period were submitted on October 15, 2025 and January 15, 2026.

3.3 CAP Groundwater Quality Analysis

As specified in the CAP, the COCs at wells DW-1 and DW-3 are those VOCs identified using USEPA Method 8260, and their concentration limits are the respective MDLs. At well DW-1, the lab reported a trace detection of 1,1-dichloroethane and PCE in the third quarter 2025 sample. In the fourth quarter sample, trace detections of 1,1-dichloroethane, 1,4-dichlorobenzene, Freon 12, and PCE were reported. At well DW 3, a detection of 1,1-dichloroethane, Freon 12, PCE, TCE, and trichlorofluoromethane at trace or above concentrations were reported for the third and fourth quarter 2025 samples. These results are consistent with previous sampling results from these CAP wells.

3.4 Demonstration of CAP Effectiveness

Time-series plots of VOCs detected this reporting period illustrate trends in VOC concentrations through time at well DW-1 and DW-3 (Appendix E). Samples with analyte concentrations less than the MDL ("nondetected") were plotted at one-half the MDL. The VOC concentrations in the DW-1 and DW-3 samples are within historical ranges.

Corrective action measures are continuing to be implemented at the landfill. Corrective action measures at both the Primary Canyon and Canyon B disposal areas include LFG collection and control system improvements aimed at reducing gas migration to groundwater. The LFG collection system appears to be effective at reducing VOC concentrations in groundwater at wells DW-1 and DW-3, so no further changes to the CAP are recommended at this time.

3.5 Annual Leachate Sampling Results

The MRP requires sampling of leachate for Appendix II constituents annually in September of each year. If any Appendix II constituent is detected in the leachate sample that is not yet on the site COC list, a retest sample is required in March of the following year. If the retest result confirms the initial detection, the Appendix II constituent is added to the site COC list.

The results for the leachate sample collected in September 2025 are included in Appendix D. Due to matrix interference, many of the analytes required dilution and are reported with elevated MDL and PQL. Three VOC compounds, 4-methyl-2-pentanone, 2-butanone, and acetone, plus one semi-VOC compounds phenanthrene were detected in leachate above the PQL that are not already on the site COC list. A retest samples will be collected in March to verify these detections. Any analyte detected in the March retest sample will be added to the site COC list.

4.0 ANNUAL SUMMARY

The MPR requires a graphical presentation of data in the form of a time versus concentration plots. Time-series plots for VOCs are included in Appendix E, and inorganic monitoring parameters and COCs are included in Appendix F.

The water quality monitoring program is conducted in accordance with RWQCB Order No. R4-2011-0052 for the Chiquita Canyon Landfill. Results of the monitoring events are presented below.

- Groundwater flow directions are generally south beneath the Main Canyon area, Primary Canyon, and Canyon C. At Canyon B, groundwater appears to flow east down the canyon. The groundwater gradients and velocity are consistent with past results.

- In the DMP groundwater wells, only a single VOCs in trace concentrations were sporadically detected in the groundwater samples from DW-14, DW-15, DW-30, DW-31, and PZ-4.

- The inorganic monitoring parameters that were statistically analyzed did not indicate landfill impacts to the DMP wells during the reporting year.

- VOCs continue to be present at trace to low concentrations in samples from EMP well DW-16. The recent VOC concentrations at DW-16 have remained relatively stable at low levels. The inorganic monitoring parameters that were statistically analyzed did not indicate landfill impacts to EMP wells.

- The VOC detections at CAP wells DW-1 and DW-3 were consistent with past sampling events and the concentrations in these wells remained within historical ranges.

- The landfill gas collection and control measures continue to operate at Primary Canyon, Canyon B, and the Main Canyon.

- Seven existing wells (DW-9, DW-15, DW-16, DW-17, DW-29, DW-30, and DW-31) are being monitored as part of the EMP in response to the landfill reaction and increased leachate production. One new well (FP-01) was installed in April 2025 and is included in the list of EMP wells being monitored. Quarterly reports for this program were submitted on April 15, 2025, July 15, 2025, October 15, 2025, and January 15, 2026.

5.0 OTHER SITE MONITORING PROGRAMS

During the reporting period, approximately 6,367,326 gallons of water were used for irrigation, site operation construction, and dust control on the roadways as well as other areas of the Landfill with a high potential for fugitive dust. Sampling and analysis of the water used on site for dust control and other purposes is required by the MRP if the water is not considered potable. Quarterly site water samples (JS-1) were collected in July and October 2025, results of which are included in Appendix D.

Quarterly landfill gas monitoring reports are required by the WDRs in order to comply with the vadose-zone monitoring requirements. Landfill gas monitoring reports for the current reporting period are included as Appendix G.

Annual reporting of the site stormwater drainage control system maintenance is required by the WDRs. GLA report dated January 2026 is included as Appendix J.

6.0 STANDARD OBSERVATIONS

The WDR Order No. R4-2018-0173 requires semiannual reporting of standard observations in accordance with the NPDES Stormwater Permit requirements. The standard observation forms for the current reporting period are included as Appendix H.

7.0 WASTE DISPOSAL REPORTING

The site Waste Disposal Report including monthly waste disposal quantities, remaining capacity estimate, and report of all unacceptable wastes are included as Appendix I. The landfill is closed effective January 1, 2025, and is no longer accepting waste.

8.0 MANAGEMENT OF LIQUIDS AND SPECIAL WASTE

Semiannual reporting of the managements of leachate and condensate are required and is included as part of the Waste Disposal Report (Appendix I).

As required by RWQCB Order No. R4-2011-0052, CCL submitted a Waste Acceptance Plan (Plan) to the RWQCB for review (EnviroSolve Corporation, 2011). The landfill is closed effective January 1, 2025, and is no longer accepting special waste.

9.0 LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, nor the use of segregated portions of this report.

10.0 REFERENCES

Chang Environmental, 2019, "Report of Destruction: DW-20, GP-D1, and W-2, Chiquita Canyon Landfill," for Chiquita Canyon Landfill, dated May 10, 2019.

EMCON, 1990, "Geologic/Hydrogeologic Report, Chiquita Canyon Landfill Expansion, Los Angeles County, California," for Laidlaw Waste Systems, dated May 1990.

EMCON, 1997, "Joint Technical Document, Chiquita Canyon Landfill, Los Angeles County, California," for Laidlaw Waste Systems, dated September 1997.

EnviroSolve Corporation, 2011, "Waste Acceptance Plan, Chiquita Canyon Landfill, Los Angeles County, California," for Chiquita Canyon Landfill, dated April 29, 2011.

Frankian, R. T., & Associates, 2004, "Well DW-16 Retest Results," for Chiquita Canyon Landfill, dated December 14, 2004, Job No. 2004-001-90.

Frankian, R. T., & Associates, 2005a, "Amended Joint Technical Document (Appendix E-6) Proposed Evaluation Monitoring Program for Primary Canyon, Chiquita Canyon Landfill, File No. CI-6231, Valencia California," for California Regional Water Quality Control Board, Los Angeles Region, dated March 9, 2005, Job No. 2004-001-90.

Frankian, R. T., & Associates, 2005b, "Engineering Feasibility Study for Primary Canyon, Chiquita Canyon Landfill, Compliance File No. CI-6231, Los Angeles County California," for Chiquita Canyon Landfill, dated June 7, 2005, Job No. 2004-001-91.

Frankian, R. T., & Associates, 2005c, "Well Installation and Aquifer Testing Report," for Chiquita Canyon Landfill, dated August 26, 2005, Job No. 2002-036-91.

Frankian, R., T., & Associates, 2016a, "Evaluation Monitoring Program Assessment Report for Canyon D Landfill, Compliance File No. CI-6231," for Chiquita Canyon Landfill, dated October 14, 2016, Job No. 2002-036-005.

Frankian, R. T., & Associates, 2016b, "Annual Groundwater Monitoring Report, Chiquita Canyon Landfill, Compliance File No. CI-6231, Castaic, California" for Chiquita Canyon Landfill, dated February 28, 2017, Job No. 2004-001-090.

Golder Associates, Inc., 2015, "Stormwater Pollution Prevention Plan (SWPPP), Chiquita Canyon Landfill, 29201 Henry Mayo Drive, Castaic, CA, 91384," for Chiquita Canyon Landfill, dated August, 2015, Project No. 1300586-015/014.

11.0 TABLES

TABLE 1

DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL
JULY 2025

Well ID	Sample Date	Compound	Concentration (ug/L)
DMP			
PZ-4	7/14/25	Freon 12	0.4 J
EMP			
DW-15	7/16/25	1,4-Dichlorobenzene	0.2 J
DW-15	7/16/25	Chloroform *	0.09 J
DW-15	7/16/25	Methylene Chloride *	0.2 J
DW-16	7/16/25	1,1-Dichloroethane	1.1 J
DW-16	7/16/25	1,4-Dichlorobenzene	0.2 J
DW-16	7/16/25	Benzene	0.2 J
DW-16	7/16/25	Chloroform *	0.07 J
DW-16	7/16/25	cis-1,2-Dichloroethene	0.6 J
DW-16	7/16/25	Methylene Chloride *	0.5 J
DW-16	7/16/25	Tetrachloroethene	0.6 J
DW-16	7/16/25	Trichloroethene	0.6 J
DW-16	7/16/25	Trichlorofluoromethane	0.08 J
DW-30	7/14/25	Tetrachloroethene	0.4 J
DW-31	7/15/25	1,4-Dioxane	9.2
FP-01	7/22/25	1,4-Dioxane	5.5
CAP			
DW-1	7/16/25	1,1-Dichloroethane	0.09 J
DW-1	7/16/25	Tetrachloroethene	0.2 J
DW-3	7/16/25	1,1-Dichloroethane	0.2 J
DW-3	7/16/25	Freon 12	2.7 J
DW-3	7/16/25	Tetrachloroethene	0.6 J
DW-3	7/16/25	Trichloroethene	0.06 J
DW-3	7/16/25	Trichlorofluoromethane	0.09 J
BLANKS			
Field Blank	7/10/25	Chloroform	0.6 J
Field Blank	7/14/25	Chloroform	0.6 J
Field Blank	7/14/25	Methylene Chloride	0.3 J
Field Blank	7/15/25	Chloroform	0.6 J
Field Blank	7/15/25	Methylene Chloride	0.3 J
Field Blank	7/16/25	Chloroform	0.6 J
Field Blank	7/16/25	Methylene Chloride	0.3 J
Field Blank	7/22/25	Chloroform	0.7 J
Field Blank	7/22/25	Methylene Chloride	6.3
Field Blank	7/22/25	Tetrachloroethene	0.1 J
Trip Blank	7/10/25	Chloroform	0.7 J
Trip Blank	7/10/25	Methylene Chloride	0.3 J
Trip Blank	7/14/25	Chloroform	0.5 J
Trip Blank	7/15/25	Chloroform	0.7 J
Trip Blank	7/15/25	Methylene Chloride	0.3 J
Trip Blank	7/16/25	Chloroform	0.7 J
Trip Blank	7/16/25	Methylene Chloride	0.3 J
Trip Blank	7/22/25	Chloroform	0.8 J
Trip Blank	7/22/25	Methylene Chloride	0.6 J
Trip Blank	7/22/25	Toluene	0.06 J

Notes: VOC/SVOC concentrations in micrograms per liter (ug/L): J = trace concentration

* = also detected in field/trip blank: B = also detected in method blank

TABLE 1

DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL
AUGUST 2025

Well ID	Sample Date	Compound	Concentration (ug/L)
DMP			
DW-14	8/11/25	1,2,3-Trichlorobenzene	0.4 J
DW-14	8/11/25	1,2,4-Trichlorobenzene	0.4 J
DW-14	8/11/25	1,3-Dichlorobenzene	0.07 J
DW-14	8/11/25	1,4-Dichlorobenzene	0.1 J
DW-14	8/11/25	4-Chlorotoluene	0.05 J
DW-14	8/11/25	Naphthalene	1.0 J
DW-14	8/11/25	n-Butylbenzene	0.05 J
DW-14	8/11/25	Propylbenzene	0.05 J
PZ-4	8/12/25	Freon 12	0.4 J
EMP			
DW-15	8/7/25	1,4-Dichlorobenzene	0.2 J
DW-15	8/7/25	Chloroform *	0.07 J
DW-16	8/12/25	1,1-Dichloroethane	1.2 J
DW-16	8/12/25	1,4-Dichlorobenzene	0.2 J
DW-16	8/12/25	Benzene	0.2 J
DW-16	8/12/25	cis-1,2-Dichloroethene	0.7 J
DW-16	8/12/25	Methylene Chloride *	0.4 J
DW-16	8/12/25	Tetrachloroethene	0.5 J
DW-16	8/12/25	Trichloroethene	0.5 J
DW-16	8/12/25	Trichlorofluoromethane	0.1 J
DW-30	8/11/25	Tetrachloroethene	0.4 J
DW-31	8/11/25	1,4-Dioxane	9.7
FP-01	8/26/25	1,4-Dioxane	5.8
CAP			
DW-1	8/12/25	1,1-Dichloroethane	0.1 J
DW-1	8/12/25	Tetrachloroethene	0.2 J
DW-3	8/12/25	1,1-Dichloroethane	0.2 J
DW-3	8/12/25	Freon 12	3.2 J
DW-3	8/12/25	Tetrachloroethene	0.6 J
DW-3	8/12/25	Trichloroethene	0.1 J
DW-3	8/12/25	Trichlorofluoromethane	0.1 J
BLANKS			
Equipment Blank	8/26/25	Chloroform	0.5 J
Equipment Blank	8/26/25	Methylene Chloride	4.5 J
Field Blank	8/6/25	Chloroform	0.6 J
Field Blank	8/6/25	Methylene Chloride	0.3 J
Field Blank	8/7/25	Chloroform	0.7 J
Field Blank	8/7/25	Methylene Chloride	0.3 J
Field Blank	8/11/25	Chloroform	0.7 J
Field Blank	8/11/25	Chloromethane	0.2 J
Field Blank	8/11/25	Methylene Chloride	0.3 J
Field Blank	8/12/25	Chloroform	0.7 J
Field Blank	8/12/25	Chloromethane	0.2 J
Field Blank	8/12/25	Methylene Chloride	0.3 J
Field Blank	8/26/25	Carbon Disulfide	0.2 J
Field Blank	8/26/25	Chloroform	0.8 J
Field Blank	8/26/25	Methylene Chloride	7.6

TABLE 1

DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL
AUGUST 2025

Well ID	Sample Date	Compound	Concentration (ug/L)
Field Blank	8/26/25	Tetrachloroethene	0.2 J
Trip Blank	8/6/25	Chloroform	0.7 J
Trip Blank	8/6/25	Methylene Chloride	0.5 J
Trip Blank	8/7/25	Chloroform	0.6 J
Trip Blank	8/7/25	Methylene Chloride	0.5 J
Trip Blank	8/7/25	Tetrachloroethene	0.2 J
Trip Blank	8/11/25	Chloroform	0.8 J
Trip Blank	8/11/25	Methylene Chloride	0.5 J
Trip Blank	8/12/25	Chloroform	0.8 J
Trip Blank	8/12/25	Methylene Chloride	0.7 J
Trip Blank	8/26/25	Chloroform	0.8 J
Trip Blank	8/26/25	Methylene Chloride	0.4 J

Notes: VOC/SVOC concentrations in micrograms per liter (ug/L): J = trace concentration

* = also detected in field/trip blank: B = also detected in method blank

TABLE 1

DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL
SEPTEMBER 2025

Well ID	Sample Date	Compound	Concentration (ug/L)
DMP			
DW-12	9/16/25	Benzene	0.07 J
DW-21	9/16/25	Benzene	0.04 J
PZ-4	9/15/25	Freon 12	0.4 J
EMP			
DW-15	9/17/25	1,4-Dichlorobenzene	0.3 J
DW-16	9/17/25	1,1-Dichloroethane	0.9
DW-16	9/17/25	1,4-Dichlorobenzene	0.2 J
DW-16	9/17/25	Benzene	0.2 J
DW-16	9/17/25	Chloromethane *	0.2 J
DW-16	9/17/25	cis-1,2-Dichloroethene	0.6
DW-16	9/17/25	Methylene Chloride *	0.4 J
DW-16	9/17/25	Tetrachloroethene	0.6
DW-16	9/17/25	Trichloroethene	0.6
DW-30	9/15/25	Tetrachloroethene	0.5 J
DW-31	9/16/25	1,4-Dioxane	7.5
DW-31	9/16/25	Benzene	0.03 J
FP-01	9/23/25	2-Butanone *	1.8 J,B
FP-01	9/23/25	1,4-Dioxane	5.7
CAP			
DW-1	9/17/25	1,1-Dichloroethane	0.1 J
DW-1	9/17/25	Tetrachloroethene	0.3 J
DW-3	9/17/25	1,1-Dichloroethane	0.2 J
DW-3	9/17/25	Freon 12	3.0
DW-3	9/17/25	Tetrachloroethene	0.8
BLANKS			
Equipment Blank	9/23/25	Acetone	3.3 J
Equipment Blank	9/23/25	Chloroform	0.8
Equipment Blank	9/23/25	Methylene Chloride	0.8 J
Equipment Blank	9/23/25	2-Butanone	1.6 J,B
Field Blank	9/11/25	Methylene Chloride	0.9 J
Field Blank	9/15/25	Methylene Chloride	0.8 J
Field Blank	9/16/25	Methylene Chloride	0.7 J
Field Blank	9/17/25	Chloromethane	0.4 J
Field Blank	9/17/25	Methylene Chloride	0.6 J
Field Blank	9/23/25	Acetone	4.5 J
Field Blank	9/23/25	Chloroform	1.1
Field Blank	9/23/25	Methylene Chloride	1.1 J
Field Blank	9/23/25	2-Butanone	1.7 J,B
Trip Blank	9/11/25	Methylene Chloride	0.3 J
Trip Blank	9/15/25	Methylene Chloride	0.8 J
Trip Blank	9/16/25	Chloromethane	0.2 J
Trip Blank	9/16/25	Methylene Chloride	0.3 J
Trip Blank	9/17/25	Methylene Chloride	0.6 J
Trip Blank	9/23/25	Methylene Chloride	1.0 J
Trip Blank	9/23/25	2-Butanone	1.7 J,B

Notes: VOC/SVOC concentrations in micrograms per liter (ug/L): J = trace concentration

* = also detected in field/trip blank: B = also detected in method blank

TABLE 1

DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL
OCTOBER - DECEMBER 2025

Well ID	Sample Date	Compound	Concentration (ug/L)
DMP			
DW-8	10/27/25	1,4-Dichlorobenzene	0.1 J,B
PZ-4	10/22/25	Freon 12	0.4 J
EMP			
DW-15	10/23/25	1,4-Dichlorobenzene	0.3 J,B
DW-16	10/27/25	1,1-Dichloroethane	1.3
DW-16	10/27/25	1,4-Dichlorobenzene	0.3 J,B
DW-16	10/27/25	Benzene	0.2 J
DW-16	10/27/25	cis-1,2-Dichloroethene	0.8
DW-16	10/27/25	Freon 12	0.2 J
DW-16	10/27/25	Methylene Chloride	0.5 J
DW-16	10/27/25	Tetrachloroethene	0.7
DW-16	10/27/25	Trichloroethene	0.6
DW-16	10/27/25	Vinyl Chloride	0.08 J
DW-29	10/21/25	Chloromethane	0.2 J
DW-30	10/23/25	Tetrachloroethene	0.4 J
DW-31	10/21/25	1,4-Dioxane	7.4
DW-31	11/20/25	1,4-Dioxane	6.5
DW-31	12/18/25	1,4-Dioxane	5.8
FP-01	10/22/25	1,4-Dioxane	5.7
FP-01	11/20/25	1,4-Dioxane	4.7
FP-01	12/18/25	1,4-Dioxane	3.9
CAP			
DW-1	10/27/25	1,1-Dichloroethane	0.2 J
DW-1	10/27/25	1,4-Dichlorobenzene	0.1 J,B
DW-1	10/27/25	Freon 12	0.2 J
DW-1	10/27/25	Tetrachloroethene	0.3 J,B
DW-3	10/27/25	1,1-Dichloroethane	0.2 J
DW-3	10/27/25	Freon 12	2.9
DW-3	10/27/25	Tetrachloroethene	0.8
BLANKS			
Field Blank	10/21/2025	Methylene Chloride	0.8 J
Field Blank	10/22/2025	Methylene Chloride	0.9 J
Field Blank	10/22/2025	Methylene Chloride	0.4 J
Field Blank	10/23/2025	Methylene Chloride	0.9 J
Field Blank	10/27/2025	Methylene Chloride	0.8 J
Field Blank	11/20/25	Methylene Chloride	0.4 J
Trip Blank	10/21/2025	Methylene Chloride	0.9 J
Trip Blank	10/22/2025	Methylene Chloride	0.8 J
Trip Blank	10/22/2025	Methylene Chloride	0.8 J
Trip Blank	10/23/2025	Methylene Chloride	0.9 J
Trip Blank	10/27/2025	Chloroform	0.2 J
Trip Blank	10/27/2025	Methylene Chloride	0.7 J
Trip Blank	11/20/25	Methylene Chloride	0.9 J
Trip Blank	12/18/25	Methylene Chloride	0.8 J

Notes: VOC/SVOC concentrations in micrograms per liter (ug/L): J = trace concentration
* = also detected in field/trip blank: B = also detected in method blank

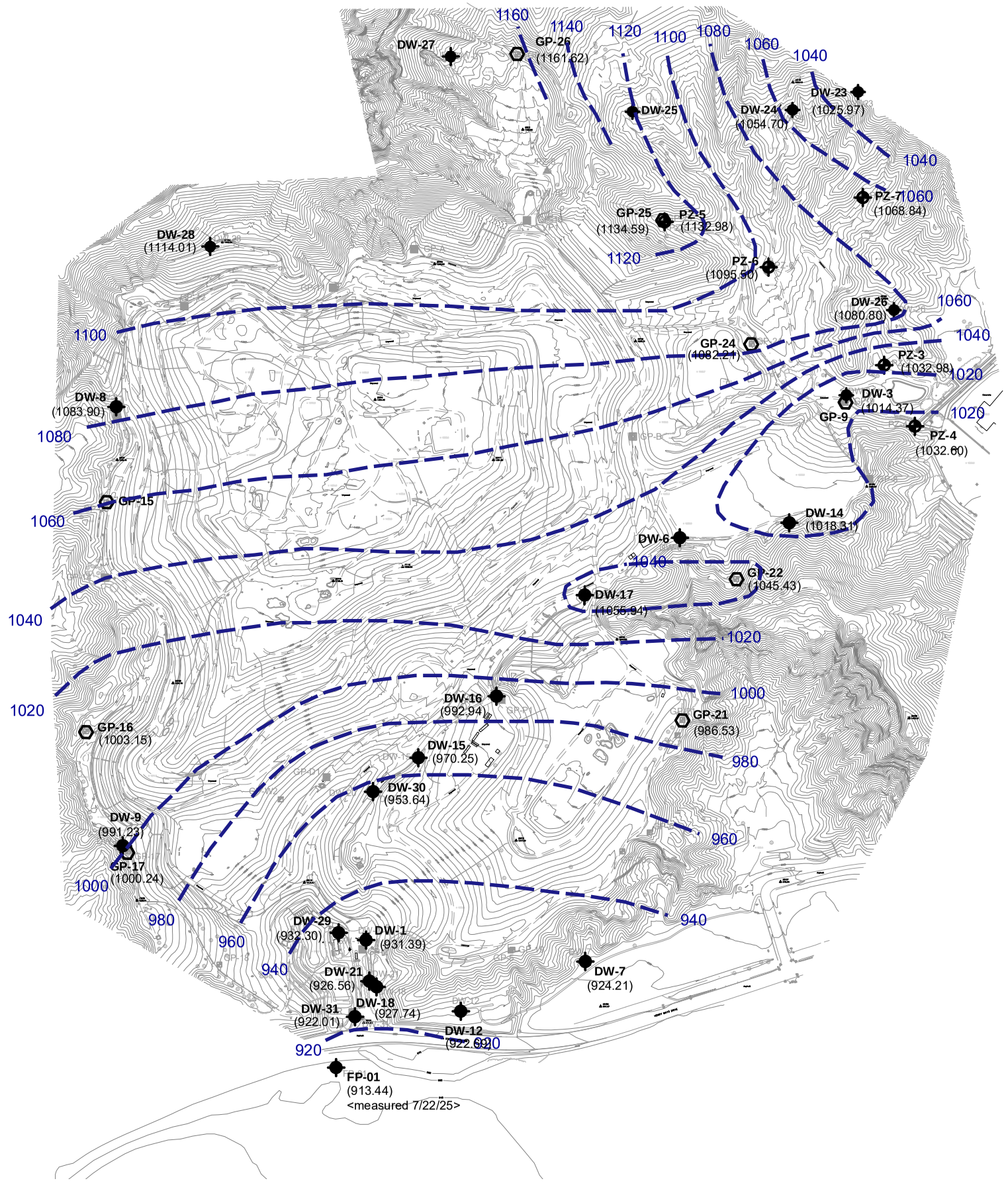
TABLE 3

SUMMARY OF STATISTICAL ANALYSIS
Chiquita Canyon Landfill, Valencia, California

Groundwater Monitoring Point	Second Semiannual 2025									
	Alkalinity as CaCO3	Ammonia as N	Chemical Oxygen Demand (COD)	Chloride	Nitrate as N	Potassium, Total	Sodium, Total	Sulfate	Total Dissolved Solids (TDS)	Total Organic Carbon (TOC)
DW-1	W	W	W	W	W	W	W	W	W	W
DW-3	W	W	W	W	W	W	W	W	W	W
DW-7	W	W	W	W	W	W	W	W	W	W
DW-8	W	W	W	W	W	W	W	W	W	W
DW-12	W	W	W	W	W	W	W	W	W	W
DW-14	W	W	W	W	W	W	W	W	W	W
DW-15	W	W	W	W	W	W	W	W	W	W
DW-16	W	W	**E**	W	W	W	W	W	W	W
DW-17	W	W	W	W	W	W	W	W	W	W
DW-18	W	W	W	W	W	W	W	W	W	W
DW-21	W	W	W	W	W	W	W	W	W	W
DW-28	W	W	W	W	W	W	W	W	W	W
DW-29	W	W	W	W	W	W	W	W	W	W
DW-30	n/a	W	W	W	W	W	W	W	W	W
DW-31	n/a	W	W	W	W	W	W	W	W	W
FP-01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
PZ-4	W	W	W	W	W	W	W	W	W	W

Statistical analysis performed using all values past 5 years as background and values for the current sampling period as compliance value.

Notes:
Shaded cells are well/parameter pairs monitored in tracking mode
Prediction Limit Results: W = Within limit, E = Exceeds limit.
n/a = Not analyzed due to insufficient number of data.



EXPLANATION

GP-9 — VADOSE ZONE GAS PROBE

DW-3 — GROUNDWATER MONITORING WELL

PZ-3 — PIEZOMETER

(1044.79) GROUNDWATER ELEVATION (FT.-MSL) MEASURED JULY 8, 2025
(utm) = unable to measure



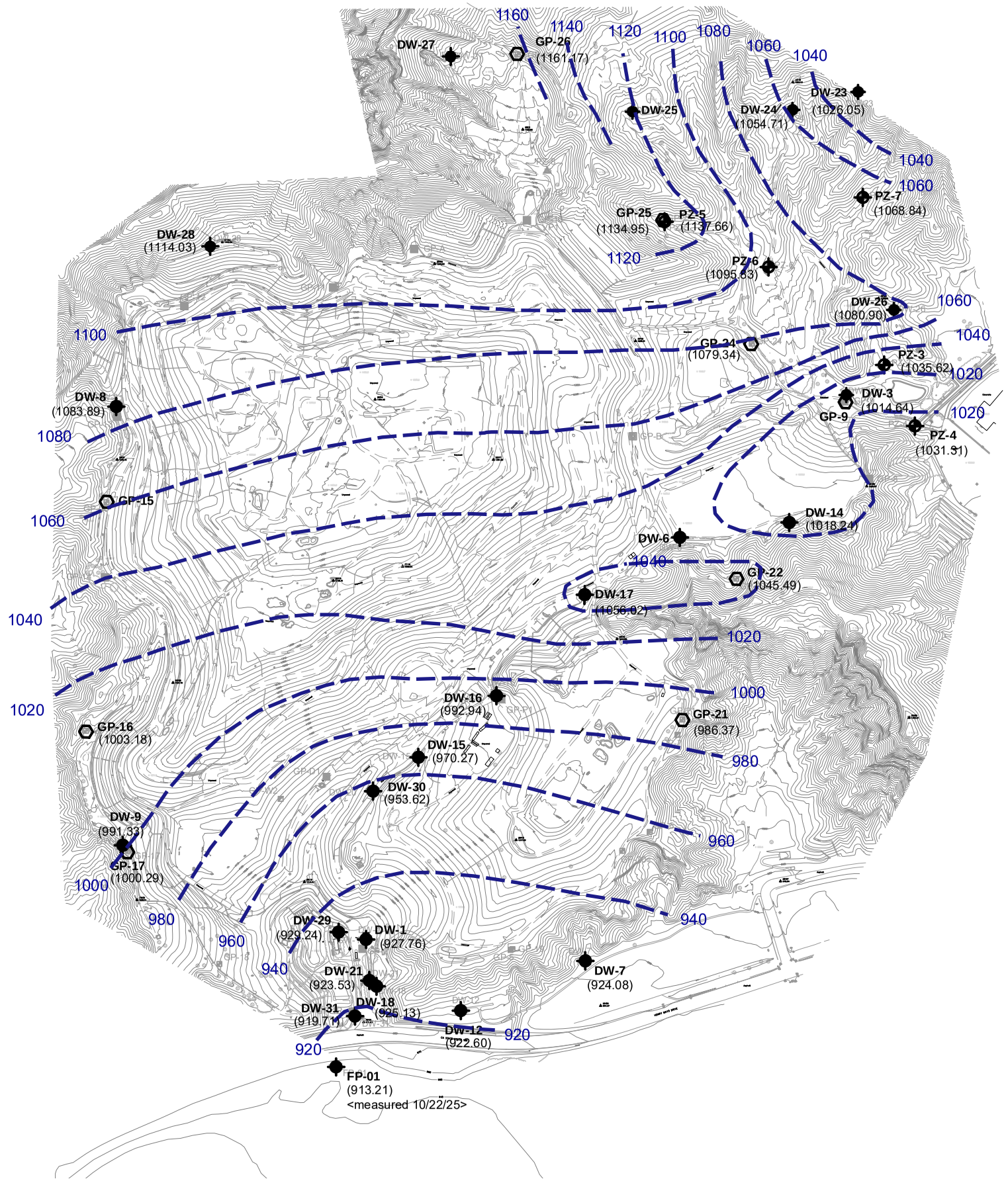
800’ 0’ 400’ 800’

SCALE: 1” = 800’

Topography updated January 2025

Chiquita Canyon Landfill
Castaic, California

FIGURE 1
GROUNDWATER ELEVATION CONTOUR MAP
3rd Quarter 2025



EXPLANATION

GP-9	VADOSE ZONE GAS PROBE
DW-3	GROUNDWATER MONITORING WELL
PZ-3	PIEZOMETER
(1044.79)	GROUNDWATER ELEVATION (FT.-MSL) MEASURED JULY 8, 2025 (utm) = unable to measure

N

800’ 0’ 400’ 800’

SCALE: 1” = 800’

Topography updated January 2025

Chiquita Canyon Landfill
Castaic, California

FIGURE 1
GROUNDWATER ELEVATION CONTOUR MAP
3rd Quarter 2025

APPENDIX A

SAMPLING AND FIELD DATA SHEETS

(WELL GAUGING FORMS)

•CHANG ENVIRONMENTAL•

WELL GAUGING FORM
Chiquita Canyon Landfill

Project No. CCL-01 Field Personnel: P. Chang Date: 7/8/25

Well Id	Date	Time of Reading	Depth to Water (ft)	Total Depth (ft)	Comments	Well Id	Date	Time of Reading	Depth to Water (ft)	Total Depth (ft)	Comments
DW-1	7/8/25	8:57	52.92			DW-30	7/8/25	9:03	140.74		
DW-3	7/8/25	9:52	89.80			DW-31	7/8/25	8:26	58.09		
DW-7	7/8/25	8:43	34.76			FP-01	7/22/25	10:08	38.12		
DW-8	7/8/25	7:47	181.23			PZ-3	7/8/25	10:01	70.91		
DW-9	7/8/25	8:06	233.11			PZ-4	7/8/25	9:56	74.69		
DW-12	7/8/25	8:37	104.88			PZ-5	7/8/25	10:57	81.60		
DW-14	7/8/25	9:47	219.18			PZ-6	7/8/25	10:17	87.10		
DW-15	7/8/25	9:07	140.91			PZ-7	7/8/25	10:12	126.80		
DW-16	7/8/25	9:26	183.14			GP-15 115'	7/8/25	7:55	utm		Unable to measure: construction
DW-17	7/8/25	11:09	141.65			GP-16 255'	7/8/25	8:00	253.96		
DW-18	7/8/25	8:50	61.64			GP-17 235'	7/8/25	8:11	216.08		
DW-21	7/8/25	8:54	63.60			GP-21 232'	7/8/25	9:17	233.86		
DW-23	7/8/25	10:38	346.53			GP-22 305'	7/8/25	9:37	280.98		
DW-24	7/8/25	10:23	235.22			GP-24 70'	7/8/25	10:45	38.62		
DW-26	7/8/25	10:05	96.51			GP-25 80'	7/8/25	10:52	78.77		
DW-28	7/8/25	7:38	333.14			GP-26 255'	7/8/25	7:29	216.89		
DW-29	7/8/25	8:20	51.52								

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-1

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/16/25

Initial DTW (Date/Time): 52.92 (7/8/25 857) Syst. Vol: **1217** (ml)

Initial Setup: Controller ID: **74** Pressure: **50** (psi) Flow: **920** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	847	53.28	500	
Adjust Purging:	849	53.58	300	(4 mL)
Begin Scan:	853	53.62	300	
Complete Scan:	905	53.66	280	
Collect Samples:	908			
Complete Samples:	924	53.62	250	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.78	1.63	4.76	7.10	121	0.0	
2:00	23.77	1.48	3.86	6.94	118	5.7	
4:00	23.76	1.44	3.34	6.99	107	0.0	
6:00	23.76	1.43	3.09	7.03	101	0.0	
8:00	23.76	1.43	2.86	7.06	95	0.0	
10:00	23.75	1.43	2.75	7.08	92	0.0	
12:00	23.76	1.43	2.68	7.09	90	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-3

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/16/25

Initial DTW (Date/Time): 89.80 (7/8/25 952) Syst. Vol: **1549** (ml)

Initial Setup: Controller ID: **72** Pressure: **75** (psi) Flow: **700** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1058	89.67	330	(3 min)
Adjust Purging:	—	—	—	
Begin Scan:	1103	89.88	330	
Complete Scan:	1115	89.92	300	
Collect Samples:	1118			
Complete Samples:	1131	89.92	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.57	0.833	6.80	6.85	395	0.0	
2:00	23.12	0.813	5.49	6.75	401	0.0	
4:00	22.79	0.808	4.68	6.65	404	0.0	
6:00	22.58	0.803	4.28	6.55	406	0.0	
8:00	22.50	0.796	4.07	6.50	409	0.0	
10:00	22.61	0.790	3.97	6.45	412	0.0	
12:00	22.47	0.791	3.84	6.43	415	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-7

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/15/25

Initial DTW (Date/Time): 34.76 (7/8/25 843) Syst. Vol: **866** (ml)

Initial Setup: Controller ID: **72** Pressure: **35** (psi) Flow: **450** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	844	34.79	660	
Adjust Purging:	846	35.00	380	(3 min)
Begin Scan:	850	34.97	350	
Complete Scan:	900	34.97	340	
Collect Samples:	903			
Complete Samples:	917	34.97	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.93	1.80	7.76	7.30	368	0.0	
2:00	21.98	1.83	6.34	7.37	365	0.0	
4:00	22.01	1.83	5.45	7.43	363	0.0	
6:00	22.02	1.83	4.89	7.46	362	0.0	
8:00	22.06	1.83	4.72	7.49	360	0.0	
10:00	22.11	1.83	4.54	7.52	359	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-8

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/10/25

Initial DTW (Date/Time): 181.23 (7/8/25 747) Syst. Vol: **3036** (ml)

Initial Setup: Controller ID: **82** Pressure: **145** (psi) Flow: **225** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	915	181.18	250	
Adjust Purging:	917	181.32	200	(15 min)
Begin Scan:	932	182.03	200	
Complete Scan:	940	182.38	200	
Collect Samples:	943			
Complete Samples:	1005	183.04	180	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.15	4.87	4.12	6.18	388	0.0	
2:00	24.92	4.85	3.87	6.14	378	0.0	
4:00	24.82	4.86	3.58	6.17	355	0.0	
6:00	25.04	4.85	3.34	6.15	336	0.0	
8:00	25.03	4.85	3.28	6.12	312	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-9

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/10/25

Initial DTW (Date/Time): 233.11 (7/8/25 806) Syst. Vol: **2860** (ml)

Initial Setup: Controller ID: **81** Pressure: **140**(psi)(psi) Flow: **180** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1027	232.91	400
Adjust Purging:	1028	233.08	180 (16 min)
Begin Scan:	1044	233.21	175
Complete Scan:	1048	233.23	175
Collect Samples:	1052		
Complete Samples:	1118	233.22	160

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	25.21	2.01	4.44	6.43	339	0.0	
2:00	24.89	2.01	4.48	6.43	342	0.0	
4:00	25.06	2.01	4.39	6.45	347	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-12

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/15/25

Initial DTW (Date/Time): 104.88 (7/8/25 837) Syst. Vol: **1543** (ml)

Initial Setup: Controller ID: **76** Pressure: **65** (psi) Flow: **210** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	741	104.79	320
Adjust Purging:	743	104.91	200 (2 min)
Begin Scan:	751	105.02	200
Complete Scan:	759	105.11	200
Collect Samples:	802	QCFB: 804	
Complete Samples:	823	105.22	180

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.98	1.58	8.68	7.32	326	5.9	
2:00	22.02	1.58	8.56	7.26	334	5.6	
4:00	22.04	1.57	7.67	7.24	339	5.6	
6:00	22.07	1.57	7.71	7.22	341	5.5	
8:00	22.09	1.57	7.60	7.21	343	5.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-14

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/14/25

Initial DTW (Date/Time): 219.18 (7/8/25 947) Syst. Vol: **2816** (ml)

Initial Setup: Controller ID: **78** Pressure: **135** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	746	219.10	225	
Adjust Purging:	748	219.24	150	(19 min)
Begin Scan:	807	219.97	140	
Complete Scan:	819	220.38	130	
Collect Samples:	822	QCFB: 827		
Complete Samples:	853	220.92	120	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.07	0.734	6.68	6.60	351	28.5	
2:00	21.11	0.735	~~6.83~~ 5.12	6.77	347	28.3	
4:00	21.20	0.735	5.59	6.95	344	26.8	
6:00	21.19	0.736	5.28	7.02	340	23.6	
8:00	21.23	0.738	4.93	7.18	338	21.6	
10:00	21.16	0.742	4.74	7.16	338	19.7	
12:00	21.23	0.743	4.59	7.20	336	18.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-15

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/16/25

Initial DTW (Date/Time): 140.91 (7/8/25 907) Syst. Vol: **1781** (ml)

Initial Setup: Controller ID: **74** Pressure: **90** (psi) Flow: **600** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	749	140.79	300 (6 min)
Adjust Purging:	—	—	—
Begin Scan:	755	140.98	360
Complete Scan:	809	140.94	360
Collect Samples:	812	QCPB: 815	
Complete Samples:	828	140.95	300

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.17	3.05	5.99	6.37	376	11.5	
2:00	24.37	3.03	4.89	6.41	383	10.9	
4:00	24.35	3.02	4.27	6.48	368	9.1	
6:00	24.33	3.02	3.85	6.47	346	7.0	
8:00	24.36	3.03	3.52	6.50	326	3.1	
10:00	24.38	3.03	3.29	6.53	298	0.0	
12:00	24.41	3.03	3.12	6.51	273	0.0	
14:00	24.40	3.03	3.05	6.52	255	0.0	

Wellhead Inspection:

☐ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-16

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/16/25

Initial DTW (Date/Time): 183.14 (7/8/25 947) Syst. Vol: **2363** (ml)

Initial Setup: Controller ID: **78** Pressure: **120** (psi) Flow: **520** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	948	182.98	450	
Adjust Purging:	950	183.10	300	(8 min)
Begin Scan:	958	183.14	350	
Complete Scan:	1008	183.12	330	
Collect Samples:	1011			
Complete Samples:	1027	183.12	280	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.68	1.24	4.41	7.11	263	0.0	
2:00	24.57	1.25	3.72	7.31	256	0.0	
4:00	24.51	1.26	3.23	7.49	248	0.0	
6:00	24.51	1.26	2.97	7.58	243	0.0	
8:00	24.48	1.26	2.86	7.64	239	0.0	
10:00	24.49	1.26	2.79	7.66	236	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-17

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/14/25

Initial DTW (Date/Time): 141.65 (7/8/25 1109 Syst. Vol: **2227** (ml)

Initial Setup: Controller ID: **74** Pressure: **110** (psi) Flow: **130** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1016	141.56	350	
Adjust Purging:	1021	141.83	125	(18 min)
Begin Scan:	1039	142.08	125	
Complete Scan:	1047	142.16	125	
Collect Samples:	1050			
Complete Samples:	1122	142.18	125	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.01	1.20	4.57	6.99	372	6.2	
2:00	24.08	1.21	4.31	7.10	369	6.0	
4:00	24.09	1.21	4.08	7.16	367	6.0	
6:00	24.07	1.21	3.97	7.19	366	6.1	
8:00	24.10	1.21	3.79	7.20	365	5.8	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-18

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/15/25

Initial DTW (Date/Time): 61.64 (7/8/25 8:50) Syst. Vol: **1059** (ml)

Initial Setup: Controller ID: **72** Pressure: **40** (psi) Flow: **320** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1044	61.72	350	
Adjust Purging:	1046	61.83	250	(4 min)
Begin Scan:	1050	61.90	250	
Complete Scan:	1102	61.99	270	
Collect Samples:	1105			
Complete Samples:	1120	62.07	270	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
01:00	22.29	1.53	7.05	7.18	396	3.7	
2:00	21.95	1.56	6.09	7.05	400	0.7	
4:00	22.07	1.57	5.55	6.99	403	2.8	
6:00	22.03	1.57	4.83	6.93	405	5.4	
8:00	21.84	1.58	4.67	6.89	407	4.2	
10:00	21.90	1.58	4.41	6.85	409	3.1	
12:00	21.78	1.58	4.37	6.83	410	3.9	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-21

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/15/25

Initial DTW (Date/Time): 63.60 (7/8/25 854) Syst. Vol: **1355** (ml)

Initial Setup: Controller ID: **70** Pressure: **65** (psi) Flow: **120** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	941	63.84	300	
Adjust Purging:	942	64.03	115	(12 min)
Begin Scan:	954	64.43	115	
Complete Scan:	— passive sampling —			
Collect Samples:	957			
Complete Samples:	1034	65.62	100	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.44	0.997	5.83	6.83	437	2.2	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-28

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/10/25

Initial DTW (Date/Time): 333.14 (7/8/25 738) Syst. Vol: **3909** (ml)

Initial Setup: Controller ID: **52** Pressure: **175** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	746	332.98	80	
Adjust Purging:	748	333.05	150	(26 min)
Begin Scan:	814	333.17	140	
Complete Scan:	824	333.21	150	
Collect Samples:	827	QCFB: 831		
Complete Samples:	856	333.39	140	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.36	1.75	4.66	6.94	317	7.2	
2:00	23.30	1.75	4.28	7.00	305	9.4	
4:00	23.39	1.75	3.98	7.04	299	11.4	
6:00	23.37	1.75	3.61	7.11	297	12.7	
8:00	23.63	1.75	3.54	7.14	297	12.4	
10:00	23.66	1.75	3.43	7.18	299	12.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-29

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/10/25

Initial DTW (Date/Time): 51.52 (7/8/25 820 Syst. Vol: **1165** (ml)

Initial Setup: Controller ID: **74** Pressure: **40** (psi) Flow: **350** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1138	51.55	500
Adjust Purging:	1140	51.61	250 (15 min)
Begin Scan:	1145	51.60	240
Complete Scan:	1151	51.60	280
Collect Samples:	1154		
Complete Samples:	1210	51.60	280

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.63	1.52	4.17	6.42	435	0.0	
2:00	23.61	1.48	4.51	6.39	440	0.0	
4:00	23.84	1.45	4.45	6.37	445	0.0	
6:00	23.57	1.46	4.46	6.32	449	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-30

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/14/25

Initial DTW (Date/Time): 140.74 (7/8/25 903) Syst. Vol: **1842** (ml)

Initial Setup: Controller ID: **76** Pressure: **78** (psi) Flow: **315** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1140	140.66	410	
Adjust Purging:	1142	140.94	280	(7 min)
Begin Scan:	1149	140.98	260	
Complete Scan:	1157	140.99	250	
Collect Samples:	1201			
Complete Samples:	1218	140.99	240	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	25.27	1.28	3.44	6.56	354	62	
2:00	25.24	1.27	3.24	6.53	383	7.1	
4:00	25.16	1.27	3.01	6.41	370	11.8	
6:00	25.19	1.25	3.04	6.40	342	17.4	
8:00	25.27	1.25	3.03	6.37	345	16.8	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-31

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/15/25

Initial DTW (Date/Time): 58.09 (7/8/25 826 Syst. Vol: **1068** (ml)

Initial Setup: Controller ID: **74** Pressure: **38** (psi) Flow: **420** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1147	58.27	375	
Adjust Purging:	1148	58.39	250	(4 min)
Begin Scan:	1152	58.38	240	
Complete Scan:	1208	58.38	200	
Collect Samples:	1211			
Complete Samples:	1230	58.37	210	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.30	1.47	6.19	6.60	443	3.6	
2:00	22.32	1.45	4.85	6.51	449	4.5	
4:00	21.82	1.45	3.93	6.33	453	0.0	
6:00	21.89	1.44	3.44	6.32	456	1.8	
8:00	21.74	1.44	2.99	6.31	458	7.5	
10:00	21.74	1.44	2.78	6.25	460	9.6	
12:00	21.77	1.44	2.60	6.19	463	6.1	
14:00	21.76	1.44	2.53	6.22	466	5.0	
16:00	21.84	1.44	2.46	6.20	466	4.5	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** PZ-4

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 7/14/25

Initial DTW (Date/Time): 74.69 (7/8/25 956) Syst. Vol: **1508** (ml)

Initial Setup: Controller ID: **103** Pressure: **70** (psi) Flow: **440** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	912	74.65	510	
Adjust Purging:	914	75.51	300	(5 min)
Begin Scan:	919	75.78	270	
Complete Scan:	933	75.82	250	
Collect Samples:	936			
Complete Samples:	954	75.69	200	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.62	1.05	7.11	6.96	384	7.8	
2:00	21.63	1.10	5.52	6.67	397	6.7	
4:00	21.59	1.13	4.71	6.55	398	6.8	
6:00	21.59	1.14	4.22	6.47	399	6.7	
8:00	21.63	1.14	3.84	6.46	399	6.0	
10:00	21.64	1.14	3.65	6.46	400	6.2	
12:00	21.66	1.14	3.49	6.44	401	6.6	
14:00	21.73	1.14	3.39	6.42	401	6.4	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

Geo-Logic ASSOCIATES

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name.:	Chiquita Canyon	**Project No.:**	RM22.1077
Well I.D.:	FP-01	**Sampling Date:**	7.22.25
Collected By:	JR	**Purge start Time:**	1008
Casing Diameter (inches):	4	**Purge Stop time:**	1108
Starting Water Level:	38.12	**Sampling Time:**	1138
Total Depth (feet):	63.30	**Ending Water Level (feet):**	38.17
Water column (feet):	25.18	**Total Purged (gallons):**	50
Screen Length (feet):	———	**PID/FID Reading:**	N/A
Purge Volume (gallons):	49.32 (3 well vol)	**Duplicate Sample:**	YES (NO)
Horiba Model S/N:	U-52/R8J54944		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
10	|	5.62	1.68	>1000	4.03	20.30	198
20	|	6.62	1.65	>1000	4.05	20.19	103
30	|	6.84	1.66	>1000	3.97	20.24	94
40	|	7.00	1.67	>1000	4.01	19.99	89
50	38.17	7.02	1.67	>1000	3.99	20.12	103

Purge Sampling Rates: Purged and Sampled Well With new 3.0" disposable bailer.

Well condition: OK. Mild traffic by well. Field Blanks Came pre-filled by lab, opened them in Sampling area then re-sealed them. Equipment blanks Came pre-filled by lab, did not send them in.

Additional Info/Comments: Overcast, mild temp

Name: Jesse Rekstad **Signature:**

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-1

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/12/25

Initial DTW (Date/Time): 54.53 (8/12/25 717) Syst. Vol: **1217** (ml)

Initial Setup: Controller ID: **74** Pressure: **50** (psi) Flow: **920** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	727	54.53	500
Adjust Purging:	729	54.84	350 (4 min)
Begin Scan:	733	54.89	350
Complete Scan:	749	5498	350
Collect Samples:	752		
Complete Samples:	806	54.96	320

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.90	1.39	7.56	6.78	321	0.0	
2:00	23.92	1.38	6.18	6.83	329	0.0	
4:00	23.87	1.38	5.26	6.83	334	0.0	
6:00	23.84	1.38	4.65	6.91	334	0.0	
8:00	23.80	1.38	4.11	6.90	339	0.0	
10:00	23.79	1.38	3.72	6.91	341	0.0	
12:00	23.79	1.38	3.34	6.97	341	0.0	
14:00	23.78	1.38	3.20	6.99	342	0.0	
16:00	23.79	1.38	3.11	6.99	343	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-3

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/12/25

Initial DTW (Date/Time): 89.61 (8/12/25 921) Syst. Vol: **1549** (ml)

Initial Setup: Controller ID: **72** Pressure: **75** (psi) Flow: **700** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	927	89.61	250 (6 min)
Adjust Purging:	—	—	—
Begin Scan:	933	89.78	250
Complete Scan:	945	89.81	250
Collect Samples:	948		
Complete Samples:	1007	89.81	200

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.66	0.848	7.79	7.37	375	0.0	
2:00	22.61	0.821	5.92	7.14	384	0.0	
4:00	22.49	0.807	4.53	7.07	385	0.0	
6:00	22.38	0.802	3.93	7.05	386	0.0	
8:00	22.46	0.796	3.63	7.02	386	0.0	
10:00	22.39	0.791	3.52	7.01	386	0.0	
12:00	22.43	0.784	3.54	6.98	387	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-7

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/7/25

Initial DTW (Date/Time): 35.03 (8/7/25 857) Syst. Vol: **866** (ml)

Initial Setup: Controller ID: **72** Pressure: **35** (psi) Flow: **450** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	904	35.03	650
Adjust Purging:	907	35.26	300 (3min)
Begin Scan:	911	35.21	280
Complete Scan:	925	35.23	300
Collect Samples:	928		
Complete Samples:	942	35.22	280

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.18	1.77	7.94	6.82	407	7.8	
2:00	22.94	1.79	6.82	6.87	405	1.3	
4:00	22.90	1.81	5.74	6.92	403	0.0	
6:00	22.83	1.82	5.09	6.95	402	0.0	
8:00	22.69	1.82	4.74	6.94	403	0.0	
10:00	22.82	1.82	4.45	6.93	403	0.0	
12:00	22.78	1.82	4.27	6.91	405	0.0	
14:00	22.85	1.82	4.19	6.90	406	5.4	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-8

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/6/25

Initial DTW (Date/Time): 181.23 (8/6/25 9:16) Syst. Vol: **3036** (ml)

Initial Setup: Controller ID: **82** Pressure: **145** (psi) Flow: **225** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	923	181.23	300	
Adjust Purging:	924	181.27	200	(15 min)
Begin Scan:	939	181.91	200	
Complete Scan:	951	182.40	200	
Collect Samples:	954	QCFB: 957		
Complete Samples:	1015	183.12	180	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.38	499	5.48	6.34	402	0.0	
2:00	23.54	4.98	4.73	6.32	399	0.0	
4:00	23.44	5.00	4.19	6.23	393	0.0	
6:00	23.27	5.02	4.01	6.16	386	0.0	
8:00	23.24	5.03	3.74	6.10	379	0.0	
10:00	23.31	5.03	3.63	6.12	371	0.0	
12:00	23.23	5.03	3.50	6.12	365	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-9

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/6/25

Initial DTW (Date/Time): 232.99 (8/6/25 1036) Syst. Vol: **2860** (ml)

Initial Setup: Controller ID: **81** Pressure: **140**(psi)(psi) Flow: **180** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1041	232.99	300	
Adjust Purging:	1044	233.16	180	(16 min)
Begin Scan:	1100	233.28	180	
Complete Scan:	1106	233.33	180	
Collect Samples:	1109			
Complete Samples:	1135	233.36	160	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.87	2.03	4.46	6.24	322	0.0	
2:00	24.04	2.03	4.23	6.25	327	0.0	
4:00	23.84	2.03	4.04	6.27	332	0.0	
6:00	24.20	2.02	3.95	6.28	338	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-12

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/7/25

Initial DTW (Date/Time): 104.84 (8/7/25 748) Syst. Vol: **1543** (ml)

Initial Setup: Controller ID: **76** Pressure: **65** (psi) Flow: **210** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	759	104.84	350	
Adjust Purging:	802	105.01	200	(8 min)
Begin Scan:	810	105.06	180	
Complete Scan:	818	105.14	180	
Collect Samples:	821			
Complete Samples:	846	105.23	160	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.91	1.57	9.48	6.97	356	11.6	
2:00	22.97	1.57	8.57	6.95	366	11.4	
4:00	23.03	1.57	7.79	6.90	373	11.2	
6:00	23.08	1.57	7.42	6.86	379	10.9	
8:00	23.08	1.57	7.39	6.83	382	10.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-14

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/11/25

Initial DTW (Date/Time): 219.04 (8/11/25 728) Syst. Vol: **2816** (ml)

Initial Setup: Controller ID: **78** Pressure: **135** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	736	219.04	200	
Adjust Purging:	738	219.21	130	(22 min)
Begin Scan:	800	220.09	140	
Complete Scan:	812	220.52	130	
Collect Samples:	815			
Complete Samples:	842	221.09	140	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.59	0.719	6.37	6.95	390	20.5	
2:00	21.46	0.724	5.51	7.05	383	31.3	
4:00	21.53	0.725	5.27	7.15	381	29.5	
6:00	21.49	0.725	4.91	7.21	380	25.8	
8:00	21.58	0.724	4.71	7.25	379	24.4	
10:00	21.60	0.725	4.61	7.27	378	24.0	
12:00	21.61	0.725	4.48	7.29	377	22.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-15

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/7/25

Initial DTW (Date/Time): 140.69 (8/7/25 1208) Syst. Vol: **1781** (ml)

Initial Setup: Controller ID: **74** Pressure: **90** (psi) Flow: **600** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1216	140.69	300	(6 min)
Adjust Purging:	—	—	—	
Begin Scan:	1222	140.83	300	
Complete Scan:	1230	140.90	300	
Collect Samples:	1234			
Complete Samples:	1247	140.90	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	27.05	2.84	3.58	6.02	473	0.0	
2:00	26.71	2.99	3.21	5.93	463	0.0	
4:00	26.44	3.03	2.97	5.91	447	0.0	
6:00	26.42	3.03	2.83	5.91	430	0.0	
8:00	26.37	3.05	2.75	5.91	415	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-16

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/12/25

Initial DTW (Date/Time): 182.98 (8/12/25 817) Syst. Vol: **2363** (ml)

Initial Setup: Controller ID: **78** Pressure: **120** (psi) Flow: **520** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	825	182.98	340	(7 min)
Adjust Purging:	—	—	—	
Begin Scan:	832	183.07	300	
Complete Scan:	846	183.08	300	
Collect Samples:	849			
Complete Samples:	903	183.06	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.61	1.21	8.11	6.86	364	17.9	
2:00	24.55	1.21	5.95	6.85	364	16.9	
4:00	24.42	1.22	4.50	6.93	361	13.1	
6:00	24.35	1.23	3.78	7.11	357	8.1	
8:00	24.28	1.24	3.40	7.24	354	7.9	
10:00	24.26	1.24	3.11	7.28	352	8.3	
12:00	24.25	1.24	2.96	7.33	351	8.6	
14:00	24.27	1.24	2.84	7.35	350	9.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-17

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/11/25

Initial DTW (Date/Time): 141.50 (8/11/25 854) Syst. Vol: **2227** (ml)

Initial Setup: Controller ID: **74** Pressure: **110** (psi) Flow: **130** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	858	141.50	360
Adjust Purging:	859	141.62	120 (19 min)
Begin Scan:	918	141.97	120
Complete Scan:	926	142.05	120
Collect Samples:	929	QCFB: 932	
Complete Samples:	1006	142.08	110

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.53	1.18	5.50	6.96	395	10.3	
2:00	23.56	1.19	4.98	7.13	389	10.4	
4:00	23.54	1.19	4.74	7.24	386	10.5	
6:00	23.52	1.19	4.63	7.27	383	10.6	
8:00	23.57	1.19	4.53	7.29	380	10.5	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-18

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/7/25

Initial DTW (Date/Time): 62.36 (8/7/25 957) Syst. Vol: **1059** (ml)

Initial Setup: Controller ID: **72** Pressure: **40** (psi) Flow: **320** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1011	62.36	380
Adjust Purging:	1013	62.41	250 (4 min)
Begin Scan:	1017	62.49	250
Complete Scan:	1029	62.63	250
Collect Samples:	1032	QCFB: 1034	
Complete Samples:	1049	62.69	240

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.73	1.69	7.88	6.65	424	0.0	
2:00	23.08	1.63	6.40	6.58	427	0.0	
4:00	22.77	1.61	5.80	6.52	430	0.0	
6:00	22.56	1.59	5.15	6.45	433	0.0	
8:00	22.40	1.59	4.59	6.40	436	0.0	
10:00	22.39	1.58	4.18	6.35	440	0.0	
12:00	22.19	1.58	4.26	6.32	443	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-21

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/7/25

Initial DTW (Date/Time): 64.70 (8/7/25 1055) Syst. Vol: **1355** (ml)

Initial Setup: Controller ID: **70** Pressure: **65** (psi) Flow: **120** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1058	64.70	320	
Adjust Purging:	1100	64.93	100	(14 min)
Begin Scan:	1114	65.36	100	
Complete Scan:	← passive	sampling →		
Collect Samples:	1117			
Complete Samples:	1153	66.61	100	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.78	0.832	5.10	6.55	440	165	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-28

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/6/25

Initial DTW (Date/Time): 333.21 (8/6/25 739) Syst. Vol: **3909** (ml)

Initial Setup: Controller ID: **52** Pressure: **175** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	747	333.21	60	
Adjust Purging:	750	333.30	150	(26 min)
Begin Scan:	816	333.49	140	
Complete Scan:	824	333.54	140	
Collect Samples:	827			
Complete Samples:	858	333.52	130	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.59	1.73	4.47	6.87	311	14.2	
2:00	22.58	1.73	4.11	6.93	304	13.9	
4:00	22.59	1.74	3.82	7.00	301	10.2	
6:00	22.55	1.74	3.65	7.05	301	9.1	
8:00	22.65	1.74	3.58	7.08	302	8.9	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-29

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: ~~8/6/25~~ 8/6/25

Initial DTW (Date/Time): 53.03 (8/6/25 1154) Syst. Vol: **1165** (ml)

Initial Setup: Controller ID: **74** Pressure: **40** (psi) Flow: **350** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1201	53.03	450	
Adjust Purging:	1203	53.11	350	(4 min)
Begin Scan:	1207	53.10	320	
Complete Scan:	1213	53.10	320	
Collect Samples:	1216			
Complete Samples:	1230	53.10	320	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.65	1.56	4.34	6.28	434	0.0	
2:00	22.71	1.50	4.46	6.29	435	0.0	
4:00	22.85	1.45	4.34	6.27	438	0.0	
6:00	21.99	1.45	4.31	6.27	441	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-30

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/11/25

Initial DTW (Date/Time): 140.68 (8/11/25 1023) Syst. Vol: **1842** (ml)

Initial Setup: Controller ID: **76** Pressure: **78** (psi) Flow: **315** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1026	140.68	450
Adjust Purging:	1029	140.98	300 (6 mm)
Begin Scan:	1035	141.02	300
Complete Scan:	1047	141.09	300
Collect Samples:	1050		
Complete Samples:	1104	141.13	300

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.61	1.27	4.05	6.85	407	18.8	
2:00	24.65	1.26	3.49	6.81	406	12.2	
4:00	24.57	1.25	3.21	6.73	403	13.7	
6:00	24.56	1.24	2.95	6.65	398	19.6	
8:00	24.62	1.23	2.77	6.61	394	19.7	
10:00	24.56	1.23	2.62	6.59	390	18.4	
12:00	24.63	1.22	2.54	6.60	381	18.1	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-31

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/11/25

Initial DTW (Date/Time): 59.02 (8/11/25 1125) Syst. Vol: **1068** (ml)

Initial Setup: Controller ID: **74** Pressure: **38** (psi) Flow: **420** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1127	59.02	450
Adjust Purging:	1129	59.15	300 (4 min)
Begin Scan:	1133	59.15	260
Complete Scan:	1145	59.14	260
Collect Samples:	1148		
Complete Samples:	1204	59.14	240

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.25	1.40	4.55	6.41	364	0.0	
2:00	22.34	1.44	4.23	6.31	368	0.0	
4:00	22.06	1.44	3.81	6.20	370	0.0	
6:00	21.77	1.45	3.44	6.07	373	0.0	
8:00	21.55	1.46	3.22	6.08	376	0.0	
10:00	21.58	1.46	3.11	6.04	376	0.0	
12:00	21.30	1.45	3.05	6.02	377	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** PZ-4

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 8/12/25

Initial DTW (Date/Time): 74.89 (8/12/25 1016) Syst. Vol: **1508** (ml)

Initial Setup: Controller ID: **103** Pressure: **70** (psi) Flow: **440** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1023	74.89	500	
Adjust Purging:	1024	75.67	250	(6 min)
Begin Scan:	1030	75.98	250	
Complete Scan:	1040	76.11	260	
Collect Samples:	1044	QCFB: 1046		
Complete Samples:	1100	75.96	250	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.43	1.09	4.43	6.71	409	0.0	
2:00	23.36	1.10	3.83	6.68	410	0.0	
4:00	22.91	1.11	3.34	6.67	412	0.0	
6:00	23.18	1.10	2.89	6.65	414	0.0	
8:00	23.10	1.10	2.64	6.63	415	0.0	
10:00	22.95	1.11	2.62	6.63	416	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

Geo-Logic ASSOCIATES

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name.:	Chiquita Canyon	**Project No.:**	RM22.1077
Well I.D.:	FP-01	**Sampling Date:**	8-26-25
Collected By:	~~TG~~ JR	**Purge start Time:**	0917
Casing Diameter (inches):	4	**Purge Stop time:**	1009
Starting Water Level:	38.45	**Sampling Time:**	1019
Total Depth (feet):	63.30	**Ending Water Level (feet):**	38.47
Water column (feet):	24.85	**Total Purged (gallons):**	49
Screen Length (feet):	—	**PID/FID Reading:**	N/A
Purge Volume (gallons):	48.68 (3 well vol)	**Duplicate Sample:**	YES (NO)
Horiba Model S/N:	U-52 / R8S54944		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
10		5.50	1.65	>1000	6.44	21.78	150
20		6.12	1.60	>1000	3.66	21.01	55
30		6.22	1.62	>1000	3.60	20.68	42
40		6.29	1.62	>1000	3.61	20.81	56
49	38.47	6.34	1.62	>1000	3.62	20.81	58

Purge Sampling Rates: Purged and Sampled with new 3.0" disposable bailer.

Well condition: OK, water is very turbid, no odor.

Additional Info/Comments: Sunny, mild temp

Name: Jesse Relstad **Signature:**

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-1

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/17/25

Initial DTW (Date/Time): 55.96 (9/17/25 737) Syst. Vol: **1217** (ml)

Initial Setup: Controller ID: **74** Pressure: **50** (psi) Flow: **920** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	746	55.96	600	
Adjust Purging:	747	56.30	400	(3 min)
Begin Scan:	752	56.34	350	
Complete Scan:	806	56.40	350	
Collect Samples:	809			
Complete Samples:	821	56.40	320	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.88	1.39	6.63	7.07	345	13.3	
2:00	23.89	1.39	5.66	7.03	350	13.4	
4:00	23.91	1.38	4.88	6.99	352	15.0	
6:00	23.92	1.38	4.14	6.96	355	13.3	
8:00	23.92	1.38	3.78	6.96	356	13.3	
10:00	23.92	1.38	3.42	6.96	357	16.2	
12:00	23.91	1.38	3.31	6.98	358	13.2	
14:00	23.92	1.38	3.20	6.98	359	14.4	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-3

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/17/25

Initial DTW (Date/Time): 89.53 (9/17/25 1032) Syst. Vol: **1549** (ml)

Initial Setup: Controller ID: **72** Pressure: **75** (psi) Flow: **700** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1036	89.53	160	
Adjust Purging:	1038	89.69	300	(5 min)
Begin Scan:	1043	89.75	300	
Complete Scan:	1057	89.72	300	
Collect Samples:	1100	QCFB : 1102		
Complete Samples:	1118	89.66	220	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.47	0.619	6.82	6.85	392	0.0	
2:00	23.71	0.807	5.79	6.59	410	0.0	
4:00	23.84	0.798	5.20	6.50	413	0.0	
6:00	23.52	0.793	4.73	6.41	416	0.0	
8:00	23.31	0.787	4.55	6.37	420	0.0	
10:00	23.54	0.782	4.23	6.33	425	0.0	
12:00	23.61	0.781	4.14	6.30	429	0.0	
14:00	23.57	0.782	4.02	6.27	430	0.0	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-7

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/18/25

Initial DTW (Date/Time): 35.31 (9/16/25 849) Syst. Vol: 866 (ml)

Initial Setup: Controller ID: 72 Pressure: 35 (psi) Flow: 450 (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	853	35.31	500
Adjust Purging:	854	35.48	320 (3 min)
Begin Scan:	858	35.48	300
Complete Scan:	910	35.51	320
Collect Samples:	913		
Complete Samples:	926	35.49	300

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.98	1.76	9.01	6.94	413	14.9	
2:00	22.82	1.78	7.01	6.99	411	17.2	
4:00	22.59	1.80	5.75	7.03	408	16.0	
6:00	22.50	1.80	5.25	7.07	407	17.8	
8:00	22.59	1.80	4.75	7.08	406	18.1	
10:00	22.56	1.80	4.61	7.08	406	17.4	
12:00	22.61	1.80	4.42	7.06	406	16.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-8

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/11/25

Initial DTW (Date/Time): 181.09 (9/11/25 913) Syst. Vol: 3036 (ml)

Initial Setup: Controller ID: 82 49 Pressure: 145 (psi) Flow: 225 (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	917	181.09	300
Adjust Purging:	919	181.29	200 (15 min)
Begin Scan:	934	181.91	190
Complete Scan:	944	182.32	200
Collect Samples:	947		
Complete Samples:	1013	182.93	150

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.99	4.99	4.78	6.63	356	16.0	
2:00	22.91	5.01	4.19	6.57	349	16.2	
4:00	22.90	5.02	3.72	6.52	336	14.7	
6:00	22.93	5.03	3.36	6.49	321	14.1	
8:00	22.87	5.03	3.19	6.47	308	14.2	
10:00	22.88	5.03	3.08	6.46	294	14.2	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-9

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/11/25

Initial DTW (Date/Time): 232.91 (9/11/25 1028) Syst. Vol: **2860** (ml)

Initial Setup: Controller ID: ~~81~~ 49 Pressure: **140**(psi)(psi) Flow: **180** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1040	232.91	350
Adjust Purging:	1042	233.00	175 (16 min)
Begin Scan:	1058	233.20	175
Complete Scan:	1106	233.23	175
Collect Samples:	1109	QCFB: 1112	
Complete Samples:	1136	233.29	150

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.63	2.04	5.24	6.79	264	18.8	
2:00	23.49	2.03	4.76	6.83	265	17.7	
4:00	23.53	2.02	4.25	6.87	268	16.7	
6:00	23.49	2.02	4.14	6.89	271	16.2	
8:00	23.37	2.02	4.06	6.90	275	16.1	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-12

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/15/25

Initial DTW (Date/Time): 104.98 (9/15/25 739) Syst. Vol: **1543** (ml)

Initial Setup: Controller ID: **76** Pressure: **65** (psi) Flow: **210** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	750	104.98	320
Adjust Purging:	752	105.07	180 (9 mM)
Begin Scan:	801	105.22	170
Complete Scan:	809	105.27	170
Collect Samples:	812		
Complete Samples:	839	105.33	150

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.17	1.57	9.64	7.07	396	20.8	
2:00	22.22	1.57	8.86	7.01	399	19.7	
4:00	22.34	1.57	8.44	6.96	402	17.6	
6:00	22.46	1.57	8.30	6.91	404	15.0	
8:00	22.48	1.57	8.13	6.90	406	13.6	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-14

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/14/25

Initial DTW (Date/Time): 219.03 (9/14/25 - 9/4) Syst. Vol: **2816** (ml)

Initial Setup: Controller ID: **78** Pressure: **135** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	917	219.03	225	
Adjust Purging:	919	219.18	150	(18 min)
Begin Scan:	938	220.06	150	
Complete Scan:	944	220.24	130	
Collect Samples:	947			
Complete Samples:	1022	220.78	110	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.28	0.725	4.52	6.90	425	30.4	
2:00	22.52	0.725	4.31	6.96	419	26.9	
4:00	22.72	0.724	4.19	6.99	415	25.3	
6:00	22.81	0.724	4.04	7.04	413	24.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-15

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/17/25

Initial DTW (Date/Time): 140.75 (9/17/25 831) Syst. Vol: **1781** (ml)

Initial Setup: Controller ID: **74** Pressure: **90** (psi) Flow: **600** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	838	140.75	300
Adjust Purging:	—	—	— (16 min)
Begin Scan:	844	140.96	300
Complete Scan:	852	140.94	300
Collect Samples:	855		
Complete Samples:	909	140.95	300

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	25.26	2.99	3.69	6.47	412	21.2	
2:00	25.25	3.01	3.21	6.49	410	18.7	
4:00	25.21	3.03	2.87	6.48	401	12.9	
6:00	25.19	3.02	2.73	6.47	396	11.4	
8:00	25.22	3.02	2.68	6.46	391	10.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-16

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/17/25

Initial DTW (Date/Time): 183.04 (9/17/24 923) Syst. Vol: **2363** (ml)

Initial Setup: Controller ID: **78** Pressure: **120** (psi) Flow: **520** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	929	183.04	500	
Adjust Purging:	931	183.12	300	(8 min)
Begin Scan:	939	183.14	250	
Complete Scan:	949	183.14	280	
Collect Samples:	952			
Complete Samples:	1010	183.12	240	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	26.10	1.24	5.51	6.68	338	6.5	
2:00	25.85	1.24	4.29	6.81	334	5.3	
4:00	25.64	1.25	3.67	6.86	330	5.6	
6:00	25.62	1.25	3.17	6.99	325	10.0	
8:00	25.61	1.25	3.04	7.04	324	16.3	
10:00	25.58	1.25	2.93	7.06	323	18.8	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-17

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/14/25

Initial DTW (Date/Time): 141.42 (9/14/25 747) Syst. Vol: **2227** (ml)

Initial Setup: Controller ID: **74** Pressure: **110** (psi) Flow: **130** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	754	141.42	300	
Adjust Purging:	757	141.62	120	(14 min)
Begin Scan:	816	141.90	130	
Complete Scan:	824	142.02	125	
Collect Samples:	827			
Complete Samples:	859	142.07	125	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.57	1.18	5.81	7.22	371	15.4	
2:00	21.60	1.19	5.38	7.34	368	13.9	
4:00	21.74	1.19	5.22	7.42	366	13.3	
6:00	21.79	1.19	5.05	7.47	365	13.0	
8:00	21.81	1.19	5.00	7.48	364	13.1	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-18

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/16/25

Initial DTW (Date/Time): 63.47 (9/16/25 940) Syst. Vol: **1059** (ml)

Initial Setup: Controller ID: **72** Pressure: **40** (psi) Flow: **320** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	948	63.47	350
Adjust Purging:	950	63.56	250 (4 min)
Begin Scan:	954	63.64	250
Complete Scan:	1008	63.73	250
Collect Samples:	1011		
Complete Samples:	1029	63.76	200

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.61	1.61	10.67	6.81	425	17.3	
2:00	22.32	1.59	10.01	6.72	480	12.9	
4:00	22.24	1.58	9.42	6.67	432	9.9	
6:00	22.02	1.57	8.70	6.69	436	11.7	
8:00	21.97	1.57	8.12	6.64	439	18.1	
10:00	21.91	1.57	7.67	6.58	443	18.0	
12:00	22.02	1.57	7.38	6.56	445	17.9	
14:00	21.92	1.57	7.29	6.53	446	17.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-21

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/16/25

Initial DTW (Date/Time): 65.92 (9/16/25 1034) Syst. Vol: **1355** (ml)

Initial Setup: Controller ID: **70** 44 Pressure: **65** (psi) Flow: **120** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1039	65.92	340
Adjust Purging:	1041	66.11	120 (12 min.)
Begin Scan:	1053	66.52	110
Complete Scan:	— passive sampling —		
Collect Samples:	1055		
Complete Samples:	1132	67.75	110

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.23	0.765	5.97	6.88	420	16.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-28

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/11/25

Initial DTW (Date/Time): 335.14 (9/11/25 735) Syst. Vol: **3909** (ml)

Initial Setup: Controller ID: **52** Pressure: **175** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	743	335.14	75	
Adjust Purging:	746	335.25	130	(30 min)
Begin Scan:	816	333.27	140	
Complete Scan:	824	333.37	140	
Collect Samples:	827			
Complete Samples:	858	333.44	125	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.76	1.75	3.43	7.07	242	13.7	
2:00	21.89	1.75	3.29	7.12	242	12.4	
4:00	21.91	1.75	3.08	7.12	244	12.4	
6:00	21.88	1.75	2.99	7.14	246	12.4	
8:00	21.80	1.75	2.94	7.19	249	12.5	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-29

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/11/25

Initial DTW (Date/Time): 54.69 (9/11/25 1156) Syst. Vol: **1165** (ml)

Initial Setup: Controller ID: **74** Pressure: **40** (psi) Flow: **350** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1200	54.69	500	
Adjust Purging:	1202	54.78	300	(4 min)
Begin Scan:	1206	54.79	280	
Complete Scan:	1220	54.76	300	
Collect Samples:	1223			
Complete Samples:	1236	54.75	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.24	1.64	6.06	6.49	397	5.0	
2:00	22.13	1.52	5.30	6.36	401	1.6	
4:00	21.75	1.46	4.64	6.34	404	1.3	
6:00	21.59	1.44	4.33	6.33	407	1.8	
8:00	21.41	1.43	3.95	6.23	410	3.7	
10:00	21.25	1.43	3.71	6.17	413	4.1	
12:00	21.20	1.42	3.52	6.10	415	4.9	
14:00	21.17	1.42	3.45	6.14	417	4.1	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-30

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/14/25

Initial DTW (Date/Time): 140.68 (9/14/25 1205) Syst. Vol: **1842** (ml)

Initial Setup: Controller ID: **76** Pressure: **78** (psi) Flow: **315** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1214	140.68	380	
Adjust Purging:	1218	140.94	270	(7 min)
Begin Scan:	1225	141.02	300	
Complete Scan:	1231	141.02	280	
Collect Samples:	1234	QCFB: 1236		
Complete Samples:	1250	141.04	250	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	25.73	1.23	3.52	6.14	474	0.0	
2:00	25.75	1.23	3.22	6.12	473	0.0	
4:00	25.90	1.22	3.00	6.09	472	1.1	
6:00	25.79	1.22	2.94	6.07	472	0.2	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-31

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/16/25

Initial DTW (Date/Time): 59.87 (9/16/25 1148) Syst. Vol: **1068** (ml)

Initial Setup: Controller ID: **74** Pressure: **38** (psi) Flow: **420** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1155	59.87	480	
Adjust Purging:	1158	59.95	340	(4 min)
Begin Scan:	1202	59.96	300	
Complete Scan:	1214	59.96	320	
Collect Samples:	1217	QCFB: 1219		
Complete Samples:	1231	59.96	280	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.56	1.49	11.53	6.41	473	93.0	
2:00	21.74	1.54	11.23	6.25	486	92.3	
4:00	21.33	1.56	10.64	6.17	491	88.9	
6:00	21.27	1.56	10.20	6.14	495	89.6	
8:00	20.91	1.57	9.30	5.97	503	82.6	
10:00	20.65	1.56	9.04	6.06	505	80.6	
12:00	20.85	1.56	8.86	6.03	507	81.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** PZ-4

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 9/14/25

Initial DTW (Date/Time): 75.40 (9/14/25 1041) Syst. Vol: **1508** (ml)

Initial Setup: Controller ID: **103** Pressure: **70** (psi) Flow: **440** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1047	75.40	600
Adjust Purging:	1048	76.01	300 (5 min)
Begin Scan:	1053	76.50	260
Complete Scan:	1105	76.51	300
Collect Samples:	1108		
Complete Samples:	1124	76.46	250

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	23.72	1.07	6.90	6.70	447	3.9	
2:00	22.99	1.11	5.34	6.65	455	3.4	
4:00	22.57	1.12	4.76	6.51	461	1.7	
6:00	22.65	1.11	3.91	6.45	468	2.4	
8:00	22.91	1.11	3.73	6.41	470	2.3	
10:00	22.99	1.11	3.55	6.38	472	10.7	
12:00	22.79	1.12	3.59	6.35	474	1.9	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

Geo-Logic ASSOCIATES

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name.:	Chiquita Canyon	**Project No.:**	RM22.77
Well I.D.:	FP-01	**Sampling Date:**	9.23.25
Collected By:	JR	**Purge start Time:**	0851
Casing Diameter (inches):	4	**Purge Stop time:**	1119
Starting Water Level:	38.40	**Sampling Time:**	1129
Total Depth (feet):	63.30	**Ending Water Level (feet):**	38.41
Water column (feet):	24.90	**Total Purged (gallons):**	49
Screen Length (feet):	—	**PID/FID Reading:**	N/A
Purge Volume (gallons):	48.77 (3 well vol)	**Duplicate Sample:**	YES (NO)
Horiba Model S/N:	U-52 / B2J5494H		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
10		6.18	1.66	71000	2.01	22.09	129
20		7.02	1.54	565	2.31	23.04	104
30		7.18	1.57	742	2.35	22.50	119
40		7.25	1.50	152	2.30	24.70	128
49	38.41	7.27	1.47	91.9	2.32	25.40	124

Purge Sampling Rates: Purged and Sampled well with new 3.0" disposable bailers. At 15 gallons switched to 1.5" bailer after 3.0" bailer broke off rope into well. unable to fish out today.

Well condition: OK. heavy traffic by well.

Additional Info/Comments: Sunny, mild temp

Name: Jesse Relestad **Signature:**

•CHANG ENVIRONMENTAL•

WELL GAUGING FORM
Chiquita Canyon Landfill

Project No. CCL-01 Field Personnel: P. Chang Date: 10/20/25

Well Id	Date	Time of Reading	Depth to Water (ft)	Total Depth (ft)	Comments	Well Id	Date	Time of Reading	Depth to Water (ft)	Total Depth (ft)	Comments
DW-1	10/20/25	9:50	56.55			DW-30	10/20/25	9:58	140.76		
DW-3	10/20/25	10:47	89.53			DW-31	10/20/25	9:36	60.39		
DW-7	10/20/25	12:12	34.89			FP-01	10/22/25	9:16	38.35		
DW-8	10/20/25	8:42	181.24			PZ-3	10/20/25	11:02	70.61		
DW-9	10/20/25	9:14	233.01			PZ-4	10/20/25	10:52	75.98		
DW-12	10/20/25	12:06	104.97			PZ-5	10/20/25	11:51	76.92		
DW-14	10/20/25	10:43	219.25			PZ-6	10/20/25	11:17	86.77		
DW-15	10/20/25	10:03	140.89			PZ-7	10/20/25	11:11	126.80		
DW-16	10/20/25	10:20	183.14			GP-15 115'	10/20/25	8:57	DRY		Unable to measure: construction
DW-17	10/20/25	10:27	141.57			GP-16 255'	10/20/25	9:07	253.93		
DW-18	10/20/25	9:42	64.25			GP-17 235'	10/20/25	9:18	216.03		
DW-21	10/20/25	9:47	66.63			GP-21 232'	10/20/25	10:12	234.02		
DW-23	10/20/25	11:36	346.45			GP-22 305'	10/20/25	10:34	280.92		
DW-24	10/20/25	11:23	235.21			GP-24 70'	10/20/25	11:42	41.49		
DW-26	10/20/25	11:06	96.41			GP-25 80'	10/20/25	11:46	78.41		
DW-28	10/20/25	8:29	333.12			GP-26 255'	10/20/25	8:03	217.34		
DW-29	10/20/25	9:29	54.48								

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-1

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/27/25

Initial DTW (Date/Time): 56.55 (10/20/25 950) Syst. Vol: **1217** (ml)

Initial Setup: Controller ID: **74** Pressure: **50** (psi) Flow: **920** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	946	55.62	580	
Adjust Purging:	948	55.96	340	(3 min)
Begin Scan:	952	55.95	300	
Complete Scan:	1006	55.98	300	
Collect Samples:	1009			
Complete Samples:	1028	55.95	240	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.60	2.25	7.93	6.79	336	47.1	
2:00	22.98	1.71	5.91	6.80	325	52.5	
4:00	23.26	1.53	4.97	6.85	318	55.4	
6:00	23.40	1.47	4.40	6.93	310	56.2	
8:00	23.45	1.46	4.10	6.97	307	55.6	
10:00	23.58	1.44	3.76	6.94	307	54.3	
12:00	23.57	1.44	3.56	6.96	307	51.9	
14:00	23.60	1.44	3.48	6.98	302	50.2	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-3

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/27/25

Initial DTW (Date/Time): 89.53 (10/20/25 1047) Syst. Vol: **1549** (ml)

Initial Setup: Controller ID: **72** Pressure: **75** (psi) Flow: **700** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1200	89.44	260 (6 min)
Adjust Purging:	—	—	—
Begin Scan:	1206	89.65	260
Complete Scan:	1216	89.65	300
Collect Samples:	1220		
Complete Samples:	1242	89.63	220

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.64	0.897	8.62	7.10	342	7.3	
2:00	22.32	0.830	6.57	6.80	374	7.8	
4:00	22.10	0.824	5.68	6.74	375	8.2	
6:00	22.16	0.818	5.02	6.69	377	8.8	
8:00	21.97	0.814	4.78	6.65	377	9.3	
10:00	21.93	0.806	4.65	6.61	378	9.5	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-7

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/22/25

Initial DTW (Date/Time): 34.89 (10/20/25 1212) Syst. Vol: 866 (ml)

Initial Setup: Controller ID: 72 Pressure: 35 (psi) Flow: 450 (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	900	34.89	315	(3 min)
Adjust Purging:	–	–	–	
Begin Scan:	905	35.09	330	
Complete Scan:	915	35.08	270	
Collect Samples:	918			
Complete Samples:	934	35.10	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	20.55	1.77	9.96	6.94	392	42.5	
2:00	20.92	1.80	7.70	6.88	390	45.9	
4:00	21.14	1.81	6.74	6.92	389	46.5	
6:00	21.23	1.81	6.11	6.95	387	46.4	
8:00	21.24	1.81	5.81	6.97	386	45.3	
10:00	21.31	1.81	5.60	6.99	386	43.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-8

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/27/25

Initial DTW (Date/Time): 181.24 (10/20/25 842) Syst. Vol: **3036** (ml)

Initial Setup: Controller ID: **82** Pressure: **145** (psi) Flow: **225** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	814	181.14	200	(15 min)
Adjust Purging:	—	—	—	
Begin Scan:	829	181.78	180	
Complete Scan:	841	182.35	200	
Collect Samples:	845	QCFB: 849		
Complete Samples:	915	183.12	170	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.24	4.96	8.75	6.78	414	80.3	
2:00	21.29	4.96	7.34	6.68	420	78.5	
4:00	21.39	4.96	6.10	6.68	423	73.5	
6:00	21.51	4.98	5.30	6.60	420	66.8	
8:00	21.66	4.98	4.99	6.58	416	63.9	
10:00	21.62	4.99	4.80	6.57	412	59.8	
12:00	21.64	4.99	4.61	6.57	408	57.1	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-9

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/21/25

Initial DTW (Date/Time): 233.01 (10/20/25 914) Syst. Vol: **2860** (ml)

Initial Setup: Controller ID: **81** Pressure: **140**(psi)(psi) Flow: **180** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	946	233.01	320	
Adjust Purging:	948	233.09	180	(1.6 min)
Begin Scan:	1004	233.24	175	
Complete Scan:	1008	233.32	170	
Collect Samples:	1011			
Complete Samples:	1044	233.32	160	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.56	2.00	6.07	7.13	325	28.7	
2:00	22.53	2.00	5.90	7.12	327	28.7	
4:00	22.54	2.00	5.76	7.10	328	28.4	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-12

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/22/25

Initial DTW (Date/Time): 104.97 (10/20/25 1206) Syst. Vol: **1543** (ml)

Initial Setup: Controller ID: **76** Pressure: **65** (psi) Flow: **210** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	754	104.96	310
Adjust Purging:	756	105.03	200 (4 min)
Begin Scan:	804	105.15	200
Complete Scan:	814	105.29	200
Collect Samples:	817	QCFB: 820	
Complete Samples:	844	105.43	180

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	20.70	1.56	11.60	6.88	352	67.1	
2:00	20.82	1.56	10.33	6.88	357	66.7	
4:00	21.00	1.56	9.93	6.88	361	64.8	
6:00	21.02	1.56	9.27	6.88	366	61.7	
8:00	21.18	1.56	9.03	6.87	371	56.9	
10:00	21.11	1.56	8.96	6.88	372	55.1	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-14

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/23/25

Initial DTW (Date/Time): 219.25 (10/20/25 1043) Syst. Vol: **2816** (ml)

Initial Setup: Controller ID: **78** Pressure: **135** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	802	219.21	225	
Adjust Purging:	804	219.34	150	(19 min)
Begin Scan:	823	220.21	130	
Complete Scan:	835	220.65	150	
Collect Samples:	838	QCFB: 842		
Complete Samples:	913	221.30	145	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	17.87	0.745	7.01	6.65	399	83.5	
2:00	18.01	0.747	6.42	6.85	395	77.8	
4:00	18.13	0.746	6.20	6.89	390	74.2	
6:00	17.98	0.750	5.92	6.89	384	69.3	
8:00	18.23	0.750	5.48	7.14	380	64.7	
10:00	18.14	0.753	5.21	7.18	378	62.3	
12:00	18.16	0.754	5.10	7.22	376	60.9	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-15

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/23/25

Initial DTW (Date/Time): 140.89 (10/20/25 1003) Syst. Vol: **1781** (ml)

Initial Setup: Controller ID: **74** Pressure: **90** (psi) Flow: **600** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1212	140.77	330 (6 min)
Adjust Purging:	—	—	—
Begin Scan:	1218	140.93	330
Complete Scan:	1228	140.96	330
Collect Samples:	1232		
Complete Samples:	1250	140.94	300

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	25.77	2.95	4.17	6.58	422	12.1	
2:00	25.68	2.99	3.67	6.53	424	7.8	
4:00	25.46	3.01	3.05	6.53	424	6.9	
6:00	25.29	3.02	2.77	6.48	422	6.7	
8:00	25.31	3.02	2.64	6.51	420	6.7	
10:00	25.23	3.02	2.53	6.52	418	6.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-16

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/27/25

Initial DTW (Date/Time): 183.14 (10/20/25 1020) Syst. Vol: **2363** (ml)

Initial Setup: Controller ID: **78** Pressure: **120** (psi) Flow: **520** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1052	183.02	525	
Adjust Purging:	1053	183.15	350	(7 min)
Begin Scan:	1100	183.11	350	
Complete Scan:	1112	183.12	340	
Collect Samples:	1115			
Complete Samples:	1133	183.12	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	24.75	1.23	6.43	6.60	321	41.2	
2:00	24.60	1.24	5.02	6.74	314	35.5	
4:00	24.49	1.25	4.30	6.92	307	30.7	
6:00	24.46	1.25	3.91	7.04	302	28.4	
8:00	24.47	1.25	3.66	7.05	299	27.4	
10:00	24.44	1.24	3.47	7.10	295	27.5	
12:00	24.43	1.24	3.39	7.13	294	27.4	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-17

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/23/25

Initial DTW (Date/Time): 141.57 (10/20/25 1027) Syst. Vol: **2227** (ml)

Initial Setup: Controller ID: **74** Pressure: **110** (psi) Flow: **130** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	932	141.50	260
Adjust Purging:	937	141.79	130 (17 min)
Begin Scan:	954	142.06	130
Complete Scan:	1000	142.13	130
Collect Samples:	1003		
Complete Samples:	1044	142.12	130

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	19.77	1.21	6.01	7.38	369	83.6	
2:00	19.90	1.22	5.75	7.44	366	80.7	
4:00	19.91	1.22	5.49	7.50	363	77.8	
6:00	19.93	1.22	5.37	7.52	362	76.5	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-18

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/22/21

Initial DTW (Date/Time): 64.25 (10/20/21 942) Syst. Vol: **1059** (ml)

Initial Setup: Controller ID: **72** Pressure: **40** (psi) Flow: **320** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	959	64.24	350	
Adjust Purging:	1001	64.28	250	(4 min)
Begin Scan:	1005	64.36	240	
Complete Scan:	1017	6447	250	
Collect Samples:	1020			
Complete Samples:	1042	64.53	240	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	20.30	1.65	8.80	7.02	384	32.1	
2:00	20.59	1.60	6.92	6.91	390	35.4	
4:00	20.69	1.58	5.88	6.83	395	35.7	
6:00	20.72	1.57	5.38	6.78	398	34.5	
8:00	20.79	1.57	5.11	6.78	400	32.8	
10:00	20.77	1.57	4.88	6.81	401	31.5	
12:00	20.76	1.57	4.75	6.80	402	31.1	

Wellhead Inspection:

[V] Good [ ] Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-21

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/22/25

Initial DTW (Date/Time): 66.63 (10/20/25 947) Syst. Vol: **1355** (ml)

Initial Setup: Controller ID: **70** Pressure: **65** (psi) Flow: **120** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1051	66.53	310	
Adjust Purging:	1054	66.75	115	(12 min)
Begin Scan:	1106	67.17	110	
Complete Scan:	— Passive sampling —			
Collect Samples:	1109			
Complete Samples:	1156	68.49	100	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	20.77	0.816	6.27	7.14	388	33.2	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-28

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/21/25

Initial DTW (Date/Time): 333.12 (10/20/25 829) Syst. Vol: **3909** (ml)

Initial Setup: Controller ID: **52** Pressure: **175** (psi) Flow: **150** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	752	333.13	80
Adjust Purging:	759	333.20	140 (2 min)
Begin Scan:	827	333.22	150
Complete Scan:	835	333.44	145
Collect Samples:	838	QCFB: 841	
Complete Samples:	911	333.55	140

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.29	1.72	4.51	6.85	258	63.1	
2:00	21.41	1.72	4.36	6.92	257	59.9	
4:00	21.37	1.73	4.05	6.99	257	56.4	
6:00	21.39	1.73	3.94	7.03	259	55.1	
8:00	21.50	1.74	3.80	7.07	263	52.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-29

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/21/25

Initial DTW (Date/Time): 54.48 (10/20/25 929) Syst. Vol: **1165** (ml)

Initial Setup: Controller ID: **74** Pressure: **40** (psi) Flow: **350** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1101	54.10	450	
Adjust Purging:	1102	54.12	300	(4 min)
Begin Scan:	1106	54.15	280	
Complete Scan:	1118	54.13	300	
Collect Samples:	1121			
Complete Samples:	1141	54.12	290	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	21.82	1.55	7.74	6.85	393	11.6	
2:00	21.32	1.46	6.25	6.65	404	11.1	
4:00	21.14	1.44	5.48	6.62	410	10.6	
6:00	21.09	1.43	5.21	6.53	413	11.8	
8:00	21.05	1.43	4.81	6.46	416	10.8	
10:00	20.88	1.43	4.60	6.41	417	11.5	
12:00	21.01	1.43	4.47	6.39	419	14.4	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-30

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/23/25

Initial DTW (Date/Time): 140.76 (10/20/25 958) Syst. Vol: **1842** (ml)

Initial Setup: Controller ID: **76** Pressure: **78** (psi) Flow: **315** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1106	140.74	375	
Adjust Purging:	1109	140.97	250	(8 min)
Begin Scan:	1117	141.03	250	
Complete Scan:	1127	141.07	250	
Collect Samples:	1130			
Complete Samples:	1153	141.09	220	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	22.83	1.28	4.17	6.99	393	81.6	
2:00	23.09	1.26	3.67	6.91	394	81.3	
4:00	23.26	1.26	3.33	6.85	394	78.5	
6:00	23.19	1.25	3.10	6.82	394	76.4	
8:00	23.29	1.24	2.96	6.79	394	73.7	
10:00	23.40	1.23	2.84	6.77	394	72.9	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-31

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/21/25

Initial DTW (Date/Time): 60.39 (10/20/25 936) Syst. Vol: **1068** (ml)

Initial Setup: Controller ID: **74** Pressure: **38** (psi) Flow: **420** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1202	60.35	500	
Adjust Purging:	1204	60.48	350	(4 min)
Begin Scan:	1208	60.51	350	
Complete Scan:	1218	60.58	340	
Collect Samples:	1222			
Complete Samples:	1239	60.52	320	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	20.81	1.59	6.00	6.42	433	12.7	
2:00	20.70	1.61	4.91	6.41	435	11.6	
4:00	20.47	1.63	4.34	6.33	436	11.2	
6:00	20.26	1.63	4.00	6.27	438	11.7	
8:00	20.28	1.63	3.79	6.34	439	11.4	
10:00	20.41	1.63	3.64	6.32	440	11.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** PZ-4

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 10/22/25

Initial DTW (Date/Time): 75.98 (10/20/25 1052) Syst. Vol: **1508** (ml)

Initial Setup: Controller ID: **103** Pressure: **70** (psi) Flow: **440** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1224	75.95	500	
Adjust Purging:	1225	76.64	280	(6 min.)
Begin Scan:	1231	76.90	280	
Complete Scan:	1243	77.13	300	
Collect Samples:	1246			
Complete Samples:	1306	77.04	280	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	20.98	1.12	5.64	6.85	415	30.3	
2:00	21.02	1.14	4.58	6.80	422	29.6	
4:00	21.03	1.14	4.20	6.73	424	29.3	
6:00	21.07	1.14	3.85	6.66	427	28.7	
8:00	21.08	1.14	3.67	6.64	428	28.8	
10:00	21.09	1.14	3.51	6.61	430	28.3	
12:00	21.09	1.14	3.43	6.60	430	28.4	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

Geo-Logic ASSOCIATES

Geologists • Hydrogeologists • Engineers

GROUNDWATER MONITORING PROGRAM
WELL DATA SHEET

Site Name.:	Chiquita Canyon	**Project No.:**	RMZZ.1077
Well I.D.:	FP-01	**Sampling Date:**	10.22.25
Collected By:	JR	**Purge start Time:**	0916
Casing Diameter (inches):	4	**Purge Stop time:**	1008
Starting Water Level:	38.35	**Sampling Time:**	1018
Total Depth (feet):	63.30	**Ending Water Level (feet):**	38.33
Water column (feet):	24.95	**Total Purged (gallons):**	49
Screen Length (feet):	–	**PID/FID Reading:**	N/A
Purge Volume (gallons):	48.87	**Duplicate Sample:**	YES (NO)
Horiba Model S/N:	U-52/R8JSUQ4H		

GALLONS PURGED	WATER LEVEL	pH	CONDUCTIVITY ms/cm	TURBIDITY NTU	D.O. mg/L	TEMPERATURE °C	O.R.P. mV
10		5.83	1.63	>1000	3.67	19.09	104
20		6.24	1.59	>1000	3.24	19.46	62
30		6.47	1.59	>1000	2.81	19.56	64
40		6.59	1.59	>1000	2.89	19.41	70
49	38.33	6.59	1.59	>1000	2.83	19.94	63

Purge Sampling Rates: Purged and Sampled well with new 3.0" disposable bailer.

Well condition: OK. Removed bailer from last sampling event.

Additional Info/Comments: Overcast, cool

Name: Jesse Relstad **Signature:**

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-29

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 11/20/25

Initial DTW (Date/Time): 52.74 (11/20/25 955) Syst. Vol: **1165** (ml)

Initial Setup: Controller ID: **74** Pressure: **40** (psi) Flow: **350** (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1001	52.74	150
Adjust Purging:	1003	52.81	325 (4 min)
Begin Scan:	1007	52.80	300
Complete Scan:	1015	52.80	330
Collect Samples:	1018		
Complete Samples:	1032	52.80	330

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	19.06	1.57	1.46	7.28	144	26.5	
2:00	19.17	1.53	1.09	7.16	152	29.2	
4:00	19.39	1.53	0.89	7.07	158	30.0	
6:00	19.54	1.52	0.81	7.10	160	29.2	
8:00	19.48	1.53	0.75	7.09	159	26.7	

Wellhead Inspection:

☐ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-31

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 11/20/25

Initial DTW (Date/Time): 59.58 (11/20/25 1041) Syst. Vol: 1068 (ml)

Initial Setup: Controller ID: 74 Pressure: 38 (psi) Flow: 420 (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	1047	59.58	160
Adjust Purging:	1049	59.69	330 (4 mL)
Begin Scan:	1053	59.69	300
Complete Scan:	1059	59.70	300
Collect Samples:	1102		
Complete Samples:	1116	59.70	330

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	18.33	1.62	1.48	6.86	64	10.9	
2:00	18.45	1.62	0.56	6.75	47	9.2	
4:00	18.51	1.62	0.34	6.75	37	7.8	
6:00	18.54	1.62	0.27	6.74	27	6.6	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** FP-01

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 11/20/25

Initial DTW (Date/Time): 36.69 (11/20/25 809) Syst. Vol: **918** (ml)

Initial Setup: Controller ID: _____ Pressure: _____ (psi) Flow: _____ (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	833	36.72	400	(8/30
Adjust Purging:	857	36.72	360	(7/30)
Begin Scan:	859	36.71	360	
Complete Scan:	907	36.72	320	
Collect Samples:	911	QCFB: 913		
Complete Samples:	939	36.72	340	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	16.89	1.81	2.68	6.83	177	19.3	
2:00	18.61	1.70	0.76	6.62	172	55.9	
4:00	18.76	1.68	0.38	6.63	167	57.2	
6:00	18.93	1.67	0.17	6.69	167	75.5	
8:00	19.03	1.67	0.18	6.72	156	76.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-29

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 12/18/25

Initial DTW (Date/Time): 50.72 (12/18/25 937) Syst. Vol: **1165** (ml)

Initial Setup: Controller ID: **74** Pressure: **40** (psi) Flow: **350** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	940	50.72	300	(4 min)
Adjust Purging:	—	—	—	
Begin Scan:	945	50.78	270	
Complete Scan:	957	5076	300	
Collect Samples:	1000			
Complete Samples:	1016	50.75	270	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	19.34	1.55	4.46	7.23	237	11.6	
2:00	19.55	1.56	2.61	7.25	239	16.8	
4:00	19.58	1.56	2.14	7.30	237	12.7	
6:00	19.72	1.56	1.62	7.30	238	9.3	
8:00	19.73	1.56	1.23	7.25	240	5.9	
10:00	19.85	1.56	1.16	7.32	236	6.9	
12:00	19.86	1.55	1.09	7.29	237	5.1	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** DW-31

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 12/18/25

Initial DTW (Date/Time): 57.18 (12/18/25 10:31) Syst. Vol: **1068** (ml)

Initial Setup: Controller ID: **74** Pressure: **38** (psi) Flow: **420** (ml/min)

	Time	Depth to Water	Flow (ml/min)	
Begin Purging:	1033	57.18	450	
Adjust Purging:	1035	57.37	300	(4 min)
Begin Scan:	1039	57.34	300	
Complete Scan:	1047	57.34	300	
Collect Samples:	1050			
Complete Samples:	1110	57.32	300	

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	19.72	1.66	1.60	6.87	200	5.9	
2:00	19.64	1.66	1.01	6.85	181	4.5	
4:00	19.56	1.66	0.48	6.86	163	7.5	
6:00	19.48	1.65	0.34	6.89	149	6.7	
8:00	19.42	1.65	0.32	6.91	144	5.7	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

FIELD DATA SHEET
LOW-FLOW PURGE

Project No. CCL-01 Field Tech: P. Chang **Well ID:** FP-01

Site Name & Location: Chiquita Canyon Landfill, Valencia, CA Date: 12/18/25

Initial DTW (Date/Time): 37.55 (12/18/25 813) Syst. Vol: **918** (ml)

Initial Setup: Controller ID: 8245 Pressure: **32** (psi) Flow: 750 (ml/min)

	Time	Depth to Water	Flow (ml/min)
Begin Purging:	830	37.55	800
Adjust Purging:	836	37.56	350 (3 min)
Begin Scan:	840	37.56	330
Complete Scan:	854	37.60	350
Collect Samples:	857		
Complete Samples:	922	37.57	320

Field Readings:

Elapsed Time	Temp (deg - C)	S. Cond. (mS/cm)	DO (mg/L)	pH (st. units)	ORP	Turb (NTU)	Notes
0:00	18.33	2.00	7.26	6.85	280	12+	
2:00	18.62	1.89	5.20	6.82	269	14.2	
4:00	18.79	1.58	3.55	6.86	247	13.6	
6:00	18.80	1.58	2.31	6.85	224	12.6	
8:00	18.83	1.58	1.26	6.92	199	9.6	
10:00	18.86	1.57	0.69	6.95	176	6.8	
12:00	18.92	1.57	0.64	6.97	159	5.2	
14:00	18.89	1.57	0.56	6.95	150	5.3	

Wellhead Inspection:

☑ Good ☐ Needs attention: _____

APPENDIX B

GROUNDWATER ELEVATIONS

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
1/28/1986	920.10	1007.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/2/1986	921.20	1008.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/16/1986	921.40	1008.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/10/1986	921.70	1008.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17/1986	922.10	1008.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/24/1987	919.60	1008.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/16/1987	919.30	1008.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/1987	919.70	1008.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/4/1987	918.40	1008.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/18/1988	918.11	1008.30	926.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/17/1988	917.83	1008.47	926.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/1988	917.28	1008.09	924.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/4/1988	917.35	1008.40	925.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/5/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/6/1988	917.80	1008.11	925.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/1988	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/1989	918.70	1009.50	922.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/8/1989	918.48	1009.38	--	--	976.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/9/1989	--	--	921.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/1/1989	--	--	--	1078.49	977.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/2/1989	--	--	920.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/3/1989	--	1009.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/4/1989	918.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1989	--	--	--	1078.42	977.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/1989	--	--	921.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/4/1989	--	1009.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/6/1989	918.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/29/1990	--	--	921.90	1078.64	977.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/30/1990	--	1008.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/31/1990	917.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/27/1990	919.09	1009.14	922.32	1078.91	977.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/1990	918.00	1009.12	922.39	1078.84	977.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/11/1990	--	--	--	1078.68	977.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/12/1990	--	1008.85	921.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
4/13/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/16/1990	919.12	1009.04	921.59	1078.96	977.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6/19/1990	918.98	1009.07	921.36	1078.98	977.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/11/1990	918.56	1009.20	920.78	1078.64	977.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/17/1990	919.18	1008.88	--	1078.91	977.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/1990	--	--	920.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/16/1990	--	1008.64	--	1078.68	977.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/17/1990	--	--	920.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/18/1990	918.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/15/1990	917.30	1008.70	--	1078.87	977.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/21/1991	--	--	--	1078.64	977.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/22/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/23/1991	917.00	1008.38	921.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/6/1991	--	--	--	--	--	919.18	--	--	--	--	--	--	--	--	--	--	--	--	--
2/19/1991	918.21	1008.45	921.24	1078.76	977.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/8/1991	918.33	--	922.60	1078.89	977.71	919.03	--	--	--	--	--	--	--	--	--	--	--	--	--
4/23/1991	918.87	1011.65	922.71	1078.65	977.33	918.98	--	--	--	--	--	--	--	--	--	--	--	--	--
5/18/1991	919.12	1009.25	922.27	1078.87	977.57	918.96	--	--	--	--	--	--	--	--	--	--	--	--	--
6/20/1991	918.89	1009.05	921.95	1078.82	977.52	919.00	--	--	--	--	--	--	--	--	--	--	--	--	--
7/22/1991	918.79	1008.89	921.69	1078.78	977.55	916.99	--	--	--	--	--	--	--	--	--	--	--	--	--
8/1/1991	918.55	--	921.50	1078.53	977.23	918.74	--	--	--	--	--	--	--	--	--	--	--	--	--
8/2/1991	--	1008.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/1991	918.56	1008.59	921.38	1078.89	977.73	918.95	--	--	--	--	--	--	--	--	--	--	--	--	--
10/21/1991	--	1008.40	921.17	1078.73	977.46	918.68	--	--	--	--	--	--	--	--	--	--	--	--	--
10/22/1991	918.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/1992	918.11	1009.07	921.95	1078.47	977.38	918.72	--	--	--	--	--	--	--	--	--	--	--	--	--
3/3/1992	--	--	923.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/1992	920.48	--	--	1078.84	977.20	919.16	--	--	--	--	--	--	--	--	--	--	--	--	--
4/20/1992	921.50	--	922.96	1078.64	977.50	918.90	--	--	--	--	--	--	--	--	--	--	--	--	--
6/16/1992	920.23	1013.56	921.64	1078.82	977.80	918.99	--	--	--	--	--	--	--	--	--	--	--	--	--
7/20/1992	921.33	1012.53	921.85	1078.63	977.78	918.93	--	--	--	--	--	--	--	--	--	--	--	--	--
8/14/1992	920.01	--	922.17	1078.76	977.82	919.19	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/1992	921.79	1007.93	921.69	1078.82	978.00	918.92	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/1992	921.18	1007.88	921.46	1078.51	977.64	918.80	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
11/16/1992	921.33	1007.98	921.69	1078.84	977.82	918.89	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/1992	921.38	1007.93	921.99	1078.74	977.80	918.79	--	--	--	--	--	--	--	--	--	--	--	--	--
1/19/1993	921.63	1007.61	922.67	1078.60	977.63	918.61	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/1993	922.03	1007.91	922.69	1078.94	977.95	919.12	--	--	--	--	--	--	--	--	--	--	--	--	--
3/24/1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/19/1993	927.18	1007.95	924.05	1078.52	977.85	919.39	--	--	--	--	--	--	--	--	--	--	--	--	--
5/18/1993	922.36	1007.88	922.99	1078.74	978.00	918.99	--	--	--	--	--	--	--	--	--	--	--	--	--
6/15/1993	922.28	1008.13	923.24	1078.84	978.10	918.74	--	--	--	--	--	--	--	--	--	--	--	--	--
7/19/1993	927.01	1008.33	922.61	1078.49	977.77	919.24	--	--	--	--	--	--	--	--	--	--	--	--	--
8/17/1993	922.78	1008.10	923.24	1078.84	978.00	918.79	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/1993	922.83	1008.08	923.24	1078.79	978.00	918.74	--	--	--	--	--	--	--	--	--	--	--	--	--
10/18/1993	926.56	1008.43	922.64	1078.64	977.93	919.21	--	--	--	--	--	--	--	--	--	--	--	--	--
11/16/1993	923.00	1008.43	922.69	1078.84	978.20	918.56	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/1993	923.03	1008.48	922.59	1078.84	978.15	918.54	--	--	--	--	--	--	--	--	--	--	--	--	--
1/31/1994	925.43	1007.43	922.54	1075.13	974.82	918.69	--	--	--	--	--	--	--	--	--	--	--	--	--
2/16/1994	923.18	1008.63	922.69	1078.64	978.00	918.69	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/1994	925.33	1007.72	923.26	1077.22	975.62	919.42	--	--	--	--	--	--	--	--	--	--	--	--	--
4/18/1994	925.05	1007.74	--	1077.30	976.65	919.35	--	--	--	--	--	--	--	--	--	--	--	--	--
4/19/1994	--	--	923.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5/18/1994	925.33	1007.70	923.24	1077.24	975.67	919.41	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/1994	924.33	1007.62	922.13	1077.28	976.91	919.21	--	--	--	--	--	--	--	--	--	--	--	--	--
10/10/1994	923.60	1007.70	922.14	1077.40	977.33	919.20	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/1994	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/5/1995	922.98	1007.58	922.04	--	977.45	919.14	--	--	--	--	--	--	--	--	--	--	--	--	--
2/3/1995	924.69	1007.63	923.48	1077.37	--	919.25	--	--	--	--	--	--	--	--	--	--	--	--	--
2/10/1995	--	1007.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/17/1995	925.99	1007.59	923.88	1077.57	977.80	919.48	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/1995	925.82	1007.55	923.46	1077.47	978.00	919.72	--	--	--	--	--	--	--	--	--	--	--	--	--
10/11/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/12/1995	925.41	1007.73	922.09	1077.55	978.12	919.89	--	--	--	--	--	--	--	--	--	--	--	--	--
1/9/1996	924.44	1007.66	923.07	1077.45	978.20	919.66	--	--	--	--	--	--	--	--	--	--	--	--	--
2/13/1996	923.65	1007.29	922.40	--	977.88	919.26	--	--	--	--	--	--	--	--	--	--	--	--	--
2/14/1996	--	--	--	1077.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4/8/1996	924.51	1007.66	923.00	1077.54	978.26	919.56	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
5/24/1996	--	--	--	--	--	--	1020.39	--	--	--	--	--	--	--	--	--	--	--	--
7/8/1996	924.03	1007.37	921.75	1077.63	978.23	919.46	1020.79	--	--	--	--	--	--	--	--	--	--	--	--
10/9/1996	923.24	1007.24	921.55	1077.52	978.37	919.21	1021.05	--	--	--	--	--	--	--	--	--	--	--	--
1/29/1997	924.07	1007.26	922.65	1077.50	978.47	919.23	1020.87	--	--	--	--	--	--	--	--	--	--	--	--
4/8/1997	925.37	1007.22	922.34	1077.59	978.72	919.26	1021.01	--	--	--	--	--	--	--	--	--	--	--	--
4/11/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7/7/1997	924.66	1007.25	920.22	1077.67	978.91	918.80	1021.07	--	--	--	--	--	--	--	--	--	--	--	--
10/7/1997	923.79	1007.12	920.08	1077.49	978.86	918.58	1020.97	--	--	--	--	--	--	--	--	--	--	--	--
1/19/1998	923.90	1007.23	921.70	1073.51	975.04	918.69	--	--	--	--	--	--	--	--	--	--	--	--	--
4/22/1998	931.00	1006.98	922.25	1077.48	979.04	918.81	1020.79	--	--	--	--	--	--	--	--	--	--	--	--
7/22/1998	931.41	1007.62	921.25	1077.84	979.61	918.86	1020.88	--	--	--	--	--	--	--	--	--	--	--	--
10/19/1998	930.34	1007.94	921.25	1077.87	979.18	918.86	1020.72	--	--	--	--	--	--	--	--	--	--	--	--
1/22/1999	929.54	1008.17	921.03	1077.96	978.51	918.66	1020.82	--	--	--	--	--	--	--	--	--	--	--	--
4/16/1999	928.79	1008.17	921.75	1077.84	979.46	918.91	1020.67	--	--	--	--	--	--	--	--	--	--	--	--
7/26/1999	927.84	1008.62	919.69	1078.19	978.81	918.41	1020.92	--	--	--	--	--	--	--	--	--	--	--	--
7/29/1999	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/1999	927.91	1008.97	921.45	1077.94	978.81	918.06	1020.52	--	--	--	--	--	--	--	--	--	--	--	--
1/24/2000	925.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1/25/2000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2/2/2000	--	1008.67	920.48	--	--	--	--	--	--	--	922.28	919.53	--	--	--	--	--	--	--
2/3/2000	--	--	--	1077.74	978.61	918.11	1020.72	--	--	--	--	--	--	--	--	--	--	--	--
5/1/2000	926.10	1009.07	920.60	1078.22	980.44	918.31	1020.93	--	--	--	927.22	920.83	--	--	--	--	--	--	--
7/21/2000	926.01	1010.13	919.58	1078.06	979.78	918.05	1020.73	--	--	--	924.84	920.25	--	--	--	--	--	--	--
10/19/2000	924.86	1009.08	919.14	1077.98	980.27	917.83	1020.58	--	--	--	922.80	919.46	--	--	--	--	--	--	--
1/22/2001	923.92	1009.05	919.76	1078.06	980.35	917.82	1020.50	--	--	--	921.59	918.81	--	--	--	--	--	--	--
4/16/2001	930.88	1008.64	921.27	1078.12	980.46	918.14	1020.45	--	--	--	929.42	921.97	--	--	--	--	--	--	--
7/13/2001	926.92	1009.04	919.80	1078.16	980.62	918.51	1020.44	--	--	--	925.68	921.19	--	--	--	--	--	--	--
10/5/2001	926.17	1008.97	919.32	1078.19	980.68	918.52	1020.36	--	--	--	923.88	920.72	--	--	--	--	--	--	--
1/18/2002	925.18	1009.02	919.55	1078.47	981.01	918.61	1020.52	--	--	--	923.18	919.91	--	--	--	--	--	--	--
4/5/2002	924.40	1009.01	919.15	1078.57	981.17	918.51	1020.49	--	--	--	922.51	919.41	--	--	--	--	--	--	--
7/8/2002	923.07	1011.45	924.19	--	983.84	921.10	1022.39	--	--	--	924.37	921.55	--	--	--	--	--	--	--
10/7/2002	923.11	1011.57	921.30	1080.88	984.28	920.95	1022.69	--	--	--	923.83	921.51	--	--	--	--	--	--	--
1/13/2003	--	1011.62	922.62	1080.88	984.04	920.86	1022.10	973.21	993.70	1043.76	924.15	921.44	--	--	--	--	--	--	--
4/7/2003	929.32	1011.17	923.03	1080.75	983.16	920.80	1022.50	972.80	993.45	1043.95	924.97	924.14	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
7/15/2003	929.34	1011.19	923.27	--	985.94	920.99	1022.63	972.96	993.80	1044.63	925.46	923.83	1025.43	1060.77	--	--	--	--	--
7/23/2003	--	--	--	1079.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
9/11/2003	--	--	--	--	--	--	1022.39	--	--	--	--	--	--	--	--	--	--	--	--
10/13/2003	928.35	1011.06	922.05	1079.80	985.47	920.66	1022.40	972.68	993.67	1044.67	924.75	922.83	1025.22	1060.38	--	--	--	--	--
1/12/2004	929.11	1010.97	922.24	1079.92	985.10	920.57	1022.23	972.52	993.57	1044.75	924.86	924.75	--	1060.11	--	--	--	--	--
1/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	1025.32	--	--	--	--	--	--
4/19/2004	928.81	1010.99	922.31	1079.90	984.92	920.56	1022.06	972.29	993.44	1044.70	925.15	923.70	1025.02	1059.07	--	--	--	--	--
7/9/2004	927.42	1010.93	921.95	1080.26	985.32	920.58	1022.21	972.44	993.71	1044.95	924.28	922.48	1025.11	1059.10	--	--	--	--	--
10/6/2004	925.97	1010.84	922.16	1080.21	985.23	920.49	1022.21	972.32	993.77	1044.99	923.44	921.44	1025.05	1059.11	--	--	--	--	--
11/10/2004	926.37	1010.77	923.14	1080.14	985.14	920.63	1022.01	972.24	993.68	1044.92	923.45	921.99	1025.03	1058.88	--	--	--	--	--
12/3/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/9/2004	926.18	1010.62	922.97	1080.17	985.19	920.53	1021.89	972.13	993.55	1044.76	923.33	921.67	1024.87	1058.76	--	--	--	--	--
12/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1078.71	--	--	--	--
12/16/2004	926.06	--	922.97	--	--	920.42	--	972.02	993.47	--	923.18	921.60	--	--	--	--	--	--	--
12/23/2004	926.16	--	923.00	--	--	920.48	--	972.10	993.56	--	923.27	921.85	--	--	--	--	--	--	--
12/30/2004	926.35	--	923.27	--	--	920.51	--	972.11	993.55	--	923.30	922.05	--	--	--	--	--	--	--
1/6/2005	927.25	--	923.99	--	--	920.79	--	972.27	993.73	--	923.59	922.45	--	--	--	--	--	--	--
1/14/2005	929.59	1010.70	925.04	1080.18	985.29	920.89	1022.01	972.16	993.61	1044.88	923.79	923.26	1024.99	1058.81	1079.68	--	--	--	--
1/21/2005	933.15	--	925.37	--	--	921.01	--	972.31	993.75	--	924.20	924.17	--	--	--	--	--	--	--
1/28/2005	931.89	--	925.23	--	--	920.98	--	972.22	993.63	--	924.59	924.78	--	--	--	--	--	--	--
2/4/2005	933.88	--	924.96	--	--	921.05	--	972.26	993.67	--	924.98	925.14	--	--	--	--	--	--	--
2/10/2005	932.64	1010.76	924.81	1080.33	985.49	921.24	1022.23	972.44	993.82	1045.14	925.39	925.41	1024.99	1058.82	1079.93	--	--	--	--
2/18/2005	932.99	--	924.78	--	--	921.39	--	972.51	993.85	--	925.66	925.62	--	--	--	--	--	--	--
2/25/2005	933.62	--	925.52	--	--	921.49	--	972.35	993.71	--	925.91	925.76	--	--	--	--	--	--	--
3/4/2005	934.46	--	926.10	--	--	921.81	--	972.45	993.77	--	926.11	926.11	--	--	--	--	--	--	--
3/11/2005	934.90	1010.81	926.07	1080.46	985.54	922.01	1022.14	972.50	993.81	1045.15	926.38	926.46	1025.00	1058.85	1080.26	--	--	--	--
3/18/2005	935.12	--	925.82	--	--	922.29	--	972.52	993.83	--	926.70	926.80	--	--	--	--	--	--	--
3/25/2005	935.22	--	925.45	--	--	922.41	--	972.39	993.70	--	926.87	926.97	--	--	--	--	--	--	--
4/1/2005	935.40	--	925.27	--	--	922.71	--	972.50	993.82	--	927.20	927.13	--	--	--	--	--	--	--
4/8/2005	935.39	--	924.99	--	--	922.66	--	972.56	993.86	--	927.36	927.27	--	--	--	--	--	--	--
4/15/2005	935.35	--	924.86	--	--	922.81	--	972.56	993.87	--	927.58	927.31	--	--	--	--	--	--	--
4/20/2005	935.23	1011.89	924.66	1080.46	985.45	923.05	1022.02	972.48	993.78	1045.14	927.63	927.26	1025.20	1058.72	1080.66	--	--	--	--
4/28/2005	935.06	--	924.46	--	--	923.30	--	972.59	993.86	--	927.83	927.25	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
5/6/2005	935.10	--	924.40	--	--	923.42	--	972.60	993.86	--	927.90	927.23	--	--	--	--	--	--	--
5/17/2005	934.96	1012.42	924.42	1080.55	985.66	923.66	1022.19	972.67	993.93	1045.39	928.05	927.21	1025.64	1058.84	1080.92	--	--	--	--
5/20/2005	934.90	--	924.38	--	--	923.70	--	972.69	993.92	--	928.06	927.15	--	--	--	--	--	--	--
5/27/2005	934.76	--	924.27	--	--	923.76	--	972.69	993.96	--	928.10	927.12	--	--	--	--	--	--	--
6/3/2005	934.61	--	924.19	--	--	923.79	--	972.70	993.93	--	928.12	927.04	--	--	--	--	--	--	--
6/10/2005	934.45	1012.72	924.03	1080.55	985.60	923.90	1022.13	972.76	993.99	1045.56	928.14	926.98	1025.85	1058.80	1081.30	--	--	--	--
7/8/2005	933.85	1012.94	923.42	1080.30	985.51	924.02	1022.02	972.73	993.93	1045.69	928.00	926.66	1026.04	1058.77	1081.43	--	--	--	--
7/15/2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8/9/2005	933.36	1013.11	922.80	1080.84	985.54	924.14	1022.02	972.80	993.94	1045.93	927.80	926.41	1026.47	1058.75	1081.67	--	--	--	--
9/9/2005	932.81	1013.29	922.40	1080.71	985.56	924.19	1022.03	972.80	993.87	1046.15	927.56	926.07	--	1058.73	1081.91	--	--	--	--
10/14/2005	932.30	1013.55	922.34	1080.54	985.59	924.12	1022.02	972.90	993.94	1046.35	927.36	925.81	1027.02	1058.64	1082.18	--	--	--	--
11/21/2005	932.10	1013.64	922.46	1080.48	985.41	924.12	1021.87	972.79	993.72	1046.39	927.29	926.01	1027.38	1058.75	1082.35	--	--	--	--
12/9/2005	931.85	1013.77	922.60	1080.45	985.51	924.09	1021.92	972.74	993.85	1046.49	927.16	925.85	1027.28	1058.66	1082.45	--	--	--	--
1/13/2006	931.83	1014.00	922.57	1080.69	985.77	924.04	1022.11	972.95	993.96	1046.75	927.25	926.03	1027.36	1058.69	1082.86	--	--	--	--
2/10/2006	931.44	1013.91	922.76	1080.67	985.64	923.89	1021.99	972.80	993.75	1046.63	926.97	925.60	1027.19	1058.59	1082.87	--	--	--	--
3/9/2006	931.61	1014.27	923.59	1080.83	985.91	924.21	1022.29	973.11	994.12	1047.04	927.14	925.85	1027.56	1058.88	1083.35	--	--	--	--
4/24/2006	932.11	1014.31	923.81	1080.87	985.76	923.85	1022.02	972.71	993.73	1046.78	927.17	926.02	1027.30	1058.57	1083.39	--	--	--	--
5/10/2006	932.21	1014.37	923.68	1080.95	985.94	923.89	1022.15	972.90	993.85	1046.97	927.37	926.12	1027.30	1058.57	1083.53	--	--	--	--
6/13/2006	931.87	1014.41	923.62	1080.82	985.92	923.74	1022.01	972.71	993.72	1046.89	927.05	925.72	1027.21	1058.51	1083.58	--	--	--	--
7/6/2006	931.57	1014.56	922.76	1080.86	985.90	923.72	1022.07	972.76	993.81	1047.02	926.95	925.49	1027.30	1058.60	1083.73	--	--	--	--
8/9/2006	931.13	1014.65	--	1080.91	986.00	--	1022.10	972.83	993.87	1047.14	926.78	925.10	1027.35	1058.56	1083.78	--	--	--	--
9/8/2006	--	--	--	--	--	--	1022.12	--	993.87	1047.14	--	--	1027.28	1058.56	--	--	--	--	--
10/9/2006	930.23	1014.76	921.32	1080.81	985.87	923.30	1022.02	972.77	993.74	1047.20	926.23	923.38	1027.31	1058.45	1083.91	--	--	--	--
11/14/2006	929.69	1014.88	921.57	1080.97	986.04	923.05	1022.10	972.76	993.91	1047.22	925.90	923.93	1027.30	1058.51	1084.03	--	--	--	--
12/7/2006	929.26	1014.86	921.66	1080.93	985.88	922.99	1021.92	972.71	993.90	1047.21	925.54	923.61	1027.30	1058.50	1084.05	--	--	--	--
1/15/2007	928.80	1014.80	921.64	1080.91	985.82	922.49	1021.77	972.41	993.63	1046.93	925.14	923.41	1027.10	1058.22	1084.01	--	--	--	--
2/21/2007	928.83	1014.96	921.83	1081.12	986.09	922.66	1022.02	972.48	993.70	1047.13	925.32	923.89	1027.33	1058.41	1084.35	--	--	--	--
3/14/2007	929.16	1014.98	921.37	1081.13	986.14	922.68	1022.06	972.49	993.71	1047.16	925.47	924.44	1027.35	1058.42	1084.44	--	--	--	--
4/17/2007	928.61	1014.98	920.90	1081.02	986.12	922.22	1021.94	972.33	993.58	1047.08	925.18	923.63	1027.24	1058.25	1084.38	--	--	--	--
5/11/2007	928.32	1015.12	920.90	1081.14	986.33	922.19	1022.07	972.51	993.75	1047.26	925.05	923.37	1027.37	1058.37	1084.56	--	--	--	--
6/8/2007	927.97	1015.19	920.88	1081.24	986.48	922.13	1022.20	972.53	993.79	1047.33	924.84	922.97	1027.48	1058.47	1084.86	--	--	--	--
7/7/2007	927.56	1015.18	920.61	1081.34	986.49	922.00	1022.14	972.49	993.77	1047.35	924.57	922.73	1027.52	1058.39	1084.71	--	--	--	--
8/10/2007	927.17	1015.20	920.17	1081.22	986.49	921.78	1022.09	972.46	993.70	1047.27	924.34	922.51	1027.58	1058.35	1084.72	--	--	--	--
9/10/2007	926.84	1015.17	920.62	1081.40	986.47	921.66	1022.03	972.29	993.61	1047.20	924.07	922.27	1027.55	1058.27	1084.72	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
10/12/2007	926.50	1015.27	920.89	1081.58	986.63	921.72	1022.17	972.43	993.76	1047.37	923.91	921.90	1027.75	1058.42	1084.91	--	--	--	--
11/8/2007	926.20	1015.21	920.98	1081.42	986.53	921.47	1022.06	972.32	993.68	1047.24	923.63	921.60	1026.66	1058.27	1084.84	--	--	--	--
12/14/2007	925.73	1015.26	921.48	1081.32	986.37	921.48	1022.05	972.13	993.53	1047.32	923.22	921.42	1026.98	1058.22	1085.01	--	--	--	--
1/15/2008	927.12	1015.31	922.08	1081.63	986.75	921.58	1021.98	972.42	993.84	1047.39	924.05	923.05	1027.96	1058.31	1085.10	--	--	--	--
2/26/2008	928.60	1015.20	921.92	1081.54	986.66	921.28	1021.85	972.11	993.58	1047.23	924.65	923.79	1027.90	1058.17	1085.15	--	--	--	--
3/18/2008	928.69	1015.25	921.89	1081.70	986.65	921.19	1021.89	971.98	993.46	1047.13	924.69	923.77	1027.90	1058.13	1085.18	--	--	--	--
4/8/2008	928.44	1015.37	921.50	1081.82	986.91	921.32	1022.12	972.25	993.73	1047.46	924.77	923.29	1028.15	1058.32	1085.41	--	--	--	--
5/9/2008	927.76	1015.37	920.33	1081.48	986.96	921.10	1022.14	972.19	993.63	1047.40	924.32	922.56	1026.66	1058.29	1085.41	--	--	--	--
6/17/2008	926.98	1015.27	920.26	1081.68	986.94	920.86	1022.03	972.07	993.55	1047.29	923.78	921.78	1028.18	1058.15	1085.38	--	--	--	--
7/9/2008	926.62	1015.32	920.44	1081.93	987.17	920.80	1022.17	972.16	993.63	1047.43	923.57	921.46	1028.40	1058.26	1085.50	--	--	--	--
8/13/2008	925.94	1015.33	920.02	1081.87	987.14	920.71	1022.12	972.11	993.63	1047.44	923.19	921.02	1028.40	1058.26	1085.53	--	--	--	--
9/10/2008	925.58	1015.30	919.75	1081.91	987.15	920.56	1022.06	972.02	993.52	1047.37	922.91	920.68	1028.28	1058.14	1085.49	--	--	--	--
10/13/2008	925.20	1015.09	919.93	1081.56	986.76	920.25	1021.67	971.67	993.26	1047.06	922.55	920.48	1028.08	1058.00	1085.21	--	--	--	--
11/14/2008	924.98	1015.23	920.35	1081.81	987.08	920.45	1021.93	971.97	993.49	1047.32	922.47	920.30	1028.32	1058.11	1085.48	--	--	--	--
12/19/2008	924.70	1015.13	920.36	1081.64	987.10	920.19	1021.71	971.73	993.21	1047.07	922.15	920.19	1028.09	1057.86	1085.33	--	--	--	--
1/9/2009	924.88	1015.14	920.52	1081.75	987.12	920.19	1021.76	971.79	993.33	1047.18	922.20	920.48	1028.12	1057.98	1085.45	--	--	--	--
2/12/2009	924.79	1015.17	920.34	1081.58	987.19	920.16	1021.72	971.83	993.44	1047.26	922.15	920.40	1027.98	1057.84	1085.50	--	--	--	--
3/10/2009	926.15	1015.21	921.30	1081.86	987.34	920.16	1021.93	971.91	993.55	1047.42	922.73	921.55	1028.03	1058.02	1085.65	--	--	--	--
4/13/2009	926.07	1015.24	920.74	1081.85	987.45	920.25	1021.90	971.89	993.54	1047.39	922.81	921.16	1027.98	1058.01	1085.66	--	--	--	--
5/12/2009	925.62	1015.23	919.89	1081.98	987.63	920.05	1022.03	971.86	993.54	1047.43	922.57	920.68	1027.91	1058.03	1085.70	--	--	--	--
6/15/2009	925.03	1015.18	919.16	1081.97	987.55	919.85	1021.90	971.77	993.46	1047.38	922.15	920.13	1027.75	1057.96	1085.59	--	--	--	--
7/10/2009	924.70	1015.13	918.89	1081.95	987.47	919.71	1021.80	971.67	993.27	1047.37	922.00	919.90	1027.68	1057.91	1085.60	--	--	--	--
8/14/2009	924.43	1015.10	918.12	1081.93	987.56	919.53	1021.83	971.69	993.38	1047.31	921.77	919.58	1027.51	1057.88	1085.56	--	--	--	--
9/16/2009	924.24	1015.19	918.06	1081.89	987.76	919.54	1021.89	971.79	993.50	1047.37	921.71	919.53	1027.43	1057.94	1085.62	--	--	--	--
10/19/2009	925.06	1015.07	918.66	1081.96	987.69	919.33	1021.78	971.60	993.35	1047.24	921.70	922.13	1027.27	1057.88	1085.59	--	--	--	--
11/13/2009	926.52	1015.08	919.17	1082.09	987.90	919.34	1021.94	971.73	993.46	1047.38	922.87	922.07	1027.29	1057.97	1085.67	--	--	--	--
12/15/2009	927.29	1014.84	919.34	1081.79	987.52	919.13	1021.54	971.43	993.19	1047.04	922.96	923.40	1026.89	1057.60	1085.40	--	--	--	--
1/9/2010	928.93	1014.98	--	1081.90	987.70	--	1021.65	971.55	993.33	1047.16	924.47	924.97	1027.07	1057.80	1085.57	--	--	--	--
1/11/2010	--	--	919.65	--	--	919.06	--	--	--	--	--	--	--	--	--	--	--	--	--
2/17/2010	929.62	1014.96	920.97	1081.96	987.89	919.30	1021.72	971.63	993.41	1047.23	925.15	924.69	1026.97	1057.81	1085.71	--	--	--	--
3/16/2010	929.49	1014.80	921.15	1081.78	987.63	919.19	1021.46	971.35	993.15	1046.96	925.00	924.35	1026.72	1057.59	1085.54	--	--	--	--
4/13/2010	929.42	1014.88	921.55	1082.04	987.98	919.33	1021.76	971.51	993.32	1047.22	925.17	924.32	1026.76	1057.76	1085.69	--	--	--	--
5/13/2010	929.33	1014.96	920.88	1082.11	987.93	919.44	1021.75	971.62	993.42	1047.35	925.27	924.16	1026.85	1057.86	1085.76	--	--	--	--
6/9/2010	928.69	1014.81	919.18	1082.03	988.01	919.14	1021.65	971.42	993.26	1047.20	924.84	923.45	1026.65	1057.68	1085.56	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
7/6/2010	928.68	1014.87	919.36	1082.17	987.96	919.09	1021.60	971.59	993.44	1047.37	924.87	923.49	1026.68	1057.63	1085.63	--	--	--	--
8/12/2010	927.70	1014.82	917.84	1082.21	988.37	918.91	1021.81	971.54	993.44	1047.42	924.27	922.41	1026.94	1057.85	1085.53	1111.29	--	--	--
9/16/2010	926.89	1014.75	917.46	1082.27	988.36	918.80	1021.76	971.52	993.44	1047.41	923.66	921.57	1026.84	1057.76	1085.43	1111.50	--	--	--
10/15/2010	926.19	1014.60	917.58	1082.18	988.01	919.51	1021.52	971.29	993.20	1047.16	923.14	921.06	1026.69	1057.52	1085.26	1111.57	--	--	--
11/12/2010	926.48	1014.44	918.25	1081.97	987.83	918.39	1021.22	971.09	992.99	1046.98	923.07	922.12	1026.48	1057.28	1085.05	1111.52	--	--	--
12/8/2010	926.46	1014.56	918.20	1082.09	988.06	918.49	1021.43	971.37	992.26	1047.25	923.27	921.85	1026.71	1057.49	1085.24	1111.74	--	--	--
1/11/2011	928.67	1014.44	919.75	1082.09	988.06	918.44	1021.34	971.15	993.05	1047.10	924.17	924.11	1026.59	1057.53	1085.34	1111.74	--	--	--
2/15/2011	928.84	1014.55	919.37	1082.31	988.36	918.53	1021.59	971.39	993.31	1047.35	924.70	923.82	1026.67	1057.63	1085.42	1111.93	--	--	--
3/15/2011	930.00	1014.53	920.56	1082.32	988.47	918.57	1021.62	971.39	993.31	1047.41	925.32	925.47	1026.67	1057.67	1085.52	1112.04	--	--	--
4/15/2011	932.42	1014.46	922.13	1082.24	988.55	918.85	1021.51	971.44	993.36	1047.47	926.77	927.12	1026.62	1057.58	1085.59	1112.04	--	--	--
5/12/2011	931.85	1014.40	921.06	1082.32	988.54	919.23	1021.58	971.25	993.14	1047.35	926.67	926.11	1026.55	1057.63	1085.63	1112.17	--	--	--
6/16/2011	931.09	1014.29	919.93	1082.48	988.77	918.69	1021.75	971.38	993.30	1047.57	926.40	925.13	1026.63	1057.76	1085.79	1112.19	--	--	--
7/11/2011	930.43	1014.26	919.36	1082.40	988.71	918.53	1021.40	971.39	993.20	1047.50	925.97	924.45	1026.47	1057.62	1085.66	1112.26	--	--	--
8/17/2011	929.50	1014.28	918.08	1082.43	988.70	918.34	1021.53	971.28	993.22	1047.66	925.41	921.59	1026.47	1057.64	1085.64	1112.25	--	--	--
9/16/2011	928.68	1014.31	917.15	1082.27	988.52	918.12	1021.82	971.22	993.13	1047.64	924.87	922.86	1026.55	1057.53	1085.58	1112.26	--	--	--
10/17/2011	928.77	1014.32	917.86	1082.23	988.49	918.09	1021.34	971.46	993.10	1047.68	924.72	923.18	1026.48	1057.46	1085.82	1112.34	--	--	--
1/6/2012	929.47	1014.25	918.77	1082.45	988.68	918.07	1021.32	971.33	993.26	1047.90	925.47	924.04	1026.55	1057.60	1085.55	1112.41	--	--	--
2/16/2012	930.06	1014.16	918.49	1082.36	988.61	917.80	1021.22	970.96	992.95	1047.80	925.48	924.94	1028.38	1057.43	1085.47	1112.35	--	--	--
3/15/2012	929.06	1014.21	918.39	1082.38	988.65	917.72	1021.22	971.04	993.14	1047.91	925.16	923.46	1026.40	1057.50	1085.46	1112.36	--	--	--
4/17/2012	935.30	1014.28	919.48	1082.56	988.62	917.97	1021.13	971.37	993.08	1048.00	927.15	924.00	1026.53	1057.57	1085.85	1112.57	--	--	--
5/17/2012	935.90	1014.23	918.67	1082.72	988.73	917.96	1021.36	971.20	993.21	1047.96	928.63	929.05	1026.50	1057.62	1085.58	1112.87	--	--	--
6/15/2012	933.93	1014.19	917.47	1082.68	988.73	917.75	1021.36	971.08	993.27	1048.12	928.03	927.08	1026.39	1057.70	1085.50	1112.85	--	--	--
7/6/2012	932.80	1014.10	917.32	1082.54	988.52	917.67	1021.21	971.01	993.11	1048.05	927.47	926.08	1026.30	1057.61	1085.35	1112.78	--	--	--
8/16/2012	930.99	1014.13	917.23	1082.52	988.77	917.61	1021.29	971.06	993.23	1048.14	926.51	924.65	1026.11	1057.45	1085.36	1112.93	--	--	--
9/13/2012	929.96	1014.04	917.06	1082.46	988.52	917.33	1021.09	970.99	993.19	1048.08	925.87	923.84	1026.27	1057.12	1085.20	1112.70	--	--	--
10/15/2012	929.10	1014.12	917.34	1082.57	988.75	917.50	1021.14	971.40	993.40	1048.26	925.38	923.27	1026.48	1057.51	1085.28	1112.77	--	--	--
11/15/2012	928.18	1014.01	917.31	1082.48	988.71	917.45	1021.00	971.00	993.26	1048.15	924.74	922.59	1026.30	1057.38	1085.12	1112.72	--	--	--
12/20/2012	928.65	1013.99	917.76	1082.05	988.38	917.23	1020.88	970.85	993.13	1047.99	924.81	923.53	1026.33	1057.22	1085.02	1112.54	--	--	--
1/4/2013	928.76	1013.81	917.89	1082.34	988.56	917.29	1020.85	970.92	993.21	1048.01	924.82	923.49	1026.09	1057.20	1084.94	1112.60	--	--	--
2/14/2013	929.74	1013.87	917.47	1082.46	988.53	917.24	1020.89	970.93	993.18	1048.13	924.84	923.76	1026.25	1057.27	1084.99	1112.75	--	--	--
3/7/2013	929.25	1014.09	917.39	1082.66	988.99	917.31	1021.15	971.13	993.40	1048.21	924.85	923.36	1026.33	1057.44	1085.10	1112.90	--	--	--
4/10/2013	929.29	1013.90	917.42	1082.53	989.09	917.19	1021.05	970.91	993.14	1048.13	924.77	923.40	1026.04	1057.34	1084.95	1112.75	--	--	--
5/15/2013	928.30	1013.90	917.25	1082.61	989.02	917.15	1021.03	970.97	993.20	1048.22	923.72	922.59	1026.20	1057.32	1084.96	1112.80	--	--	--
6/13/2013	927.69	1013.81	917.21	1082.59	989.07	917.14	1020.96	970.97	993.21	1048.07	924.00	922.10	1026.15	1057.26	1084.87	1112.80	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
7/12/2013	927.06	1013.89	916.93	1082.77	989.15	917.11	1021.08	971.19	993.30	1048.45	923.68	921.54	1026.23	1057.52	1084.90	1112.84	--	--	--
8/14/2013	926.43	1013.84	916.67	1082.71	989.20	917.01	1021.05	971.06	993.25	1048.34	923.24	921.03	1026.19	1057.33	1084.81	1112.88	--	--	--
9/20/2013	925.78	1013.88	916.94	1082.93	989.72	917.03	1021.19	971.11	993.32	1048.37	922.82	920.52	1026.05	1057.38	1084.80	1112.88	--	--	--
10/11/2013	925.38	1013.85	917.36	1082.77	989.24	916.87	1021.05	971.08	993.19	1048.28	922.53	920.18	1026.10	1057.33	1084.70	1112.88	--	--	--
11/18/2013	924.78	1013.80	917.81	1082.73	989.22	916.83	1020.96	970.97	993.16	1048.21	922.08	919.67	1025.94	1057.21	1084.57	1112.72	--	--	--
12/12/2013	924.71	1013.77	918.44	1082.61	989.18	916.93	1021.02	971.10	993.29	1048.28	922.06	919.74	1026.06	1057.33	1084.57	1112.66	--	--	--
1/10/2014	924.40	1013.83	918.16	1082.73	989.31	916.86	1020.99	971.11	993.30	1048.31	921.70	919.40	1026.18	1057.34	1084.57	1112.74	--	--	--
2/19/2014	923.95	1013.76	918.62	1082.83	989.50	916.96	1021.08	971.24	993.44	1048.39	921.45	919.14	1026.03	1057.35	1084.53	1112.93	--	--	--
3/14/2014	937.80	1013.66	919.17	1082.79	989.41	916.90	1020.96	971.12	993.32	1048.27	927.90	935.59	1025.88	1057.24	1084.41	1112.79	--	--	--
4/11/2014	938.19	1013.73	919.02	1082.86	989.57	917.04	1021.09	971.27	993.50	1048.42	931.74	933.25	1025.99	1057.34	1084.48	1112.94	--	--	--
5/19/2014	935.72	1013.65	917.57	1082.92	989.62	916.84	1021.04	971.21	993.42	1048.40	930.56	930.25	1025.88	1057.27	1084.34	1112.93	--	--	--
6/20/2014	934.80	1013.60	917.31	1082.85	989.59	916.80	1021.00	971.19	993.44	1048.33	929.65	929.01	1025.85	1057.26	1084.22	1112.88	--	--	--
7/14/2014	933.04	1013.53	917.00	1082.81	989.58	916.71	1020.88	971.10	993.42	1048.30	928.55	927.26	1025.74	1057.17	1084.09	1112.82	--	--	--
8/18/2014	931.77	1013.61	916.89	1082.82	989.66	916.69	1020.98	971.24	993.51	1048.40	927.80	926.00	1025.90	1057.28	1084.16	1112.93	--	--	--
9/15/2014	930.68	1013.47	917.05	1082.93	989.40	916.56	1020.90	971.15	993.41	1048.32	926.99	924.98	1026.26	1057.13	1084.05	1112.75	--	--	--
10/13/2014	929.73	1013.40	917.77	1082.78	989.55	916.54	1020.76	971.04	993.27	1048.20	926.28	924.12	1025.65	1057.03	1083.89	1112.78	--	--	--
11/17/2014	929.03	1013.36	918.33	1082.62	989.52	916.49	1020.60	971.04	993.40	1048.14	925.66	923.56	1025.64	1056.94	1083.76	1112.64	--	--	--
12/15/2014	936.59	1013.44	918.88	1082.80	989.67	916.61	1020.84	971.11	993.45	1048.28	927.83	934.43	1025.75	1057.13	1083.93	1112.84	--	--	--
1/5/2015	944.29	1013.25	919.18	1082.60	989.35	916.65	1020.48	970.97	993.35	1048.05	937.77	941.64	1025.65	1056.90	1083.68	1112.61	--	--	--
2/16/2015	944.37	1013.34	918.97	1082.90	989.42	916.68	1020.81	971.19	993.53	1048.30	938.49	939.15	1025.74	1057.11	1083.79	1112.95	--	--	--
3/20/2015	941.93	1013.23	918.96	1082.80	989.68	916.65	1020.66	971.05	993.41	1048.16	936.41	936.08	1025.60	1056.90	1083.62	1112.84	--	--	--
4/13/2015	940.18	1013.19	918.35	1082.82	989.69	916.63	1020.63	971.04	993.39	1048.10	934.74	933.91	1025.58	1056.88	1083.53	1112.94	--	--	--
5/20/2015	938.35	1013.15	917.64	1082.87	989.82	916.53	1020.66	971.17	993.53	1048.22	932.99	932.00	1025.67	1056.92	1083.52	1112.90	--	--	--
6/18/2015	937.12	1013.10	917.39	1082.93	989.83	916.39	1020.66	971.09	993.48	1048.16	931.81	930.44	1025.72	1056.84	1083.40	1112.90	--	--	--
7/7/2015	936.36	1013.09	916.99	1082.88	989.77	916.37	1020.65	971.06	993.49	1048.15	931.16	929.65	1025.63	1056.90	1083.35	1112.83	--	--	--
8/17/2015	935.35	1013.04	917.22	1082.99	989.92	916.31	1020.69	971.14	993.53	1048.19	930.32	928.73	1025.55	1056.90	1083.29	1112.95	--	--	--
9/22/2015	934.47	1012.98	917.03	1082.95	989.87	916.13	1020.61	971.01	993.90	1048.09	929.51	928.18	1025.51	1056.74	1083.17	1112.91	--	--	--
10/13/2015	933.82	1012.92	917.30	1082.86	989.72	916.12	1020.46	970.96	993.37	1047.97	928.96	927.35	1025.61	1056.70	1082.99	1112.93	--	--	--
11/13/2015	933.00	1012.99	917.87	1082.83	989.76	916.17	1020.49	971.13	993.52	1048.09	928.50	926.57	1025.59	1056.80	1083.03	1112.80	--	--	--
12/23/2015	932.03	1012.96	918.21	1083.07	989.05	916.15	1020.77	971.23	993.64	1048.25	927.84	925.82	1025.61	1056.91	1083.13	1113.05	--	--	--
1/8/2016	932.29	1012.75	918.38	1083.00	989.89	916.11	1020.52	970.98	993.43	1047.95	927.60	927.10	1025.31	1056.60	1082.88	1112.88	--	--	--
2/12/2016	941.42	1012.87	919.23	1082.83	989.77	916.29	1020.47	971.08	993.58	1047.98	935.56	937.77	1025.55	1056.70	1082.88	1112.84	--	--	--
3/23/2016	939.38	1012.69	919.19	1082.82	989.72	916.21	1020.28	970.89	993.44	1047.81	933.91	933.81	1025.30	1056.54	1082.74	1112.78	--	--	--
4/11/2016	938.49	1012.60	918.44	1082.93	989.85	916.23	1020.39	970.96	993.50	1047.86	932.99	932.53	1025.29	1056.50	1082.65	1112.88	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
5/19/2016	937.03	1012.65	917.20	1083.01	989.99	916.24	1020.47	971.13	993.70	1048.02	931.67	930.57	1025.41	1056.61	1082.64	1112.95	--	--	--
6/14/2016	936.05	1012.65	917.17	1082.98	989.97	916.24	1020.41	971.15	993.76	1048.01	930.84	929.54	1025.43	1056.58	1082.51	1112.92	--	--	--
7/7/2016	935.32	1012.58	916.90	1082.95	989.99	916.07	1020.41	971.09	993.76	1047.97	930.21	928.77	1025.34	1056.57	1082.45	1112.91	--	--	--
8/22/2016	933.97	1012.46	916.78	1083.03	990.01	915.95	1020.39	971.09	993.75	1047.94	929.08	927.45	1025.15	1056.45	1082.27	1112.99	--	--	--
9/15/2016	933.25	1012.47	916.71	1082.91	989.90	915.92	1020.36	971.07	993.75	1047.93	928.61	926.84	1025.19	1056.45	1082.19	1112.91	--	--	--
10/18/2016	932.35	1012.45	916.65	1083.07	989.95	915.90	1020.32	971.03	993.73	1047.90	928.00	926.26	1025.27	1056.44	1082.11	1112.99	--	--	--
11/18/2016	931.81	1012.32	916.61	1083.02	989.86	915.87	1020.18	970.95	993.63	1047.75	927.54	925.95	1025.12	1056.29	1081.95	1112.90	--	--	--
12/13/2016	931.55	1012.25	916.68	1083.15	989.89	915.86	1020.21	971.04	993.72	1047.84	927.41	925.80	1025.11	1056.27	1081.87	1112.91	--	--	--
1/6/2017	940.82	1012.23	918.00	1083.12	989.96	915.93	1020.24	970.93	993.63	1047.76	933.26	937.56	1025.08	1056.28	1081.94	1112.98	--	--	--
2/15/2017	952.18	1012.31	920.07	1083.07	989.96	916.43	1020.23	971.05	993.75	1047.86	946.05	948.52	--	--	--	1112.97	--	--	--
3/15/2017	949.69	1012.25	920.03	1083.15	990.04	915.66	1020.22	971.08	993.74	1047.86	944.27	945.44	--	--	--	1113.02	--	--	--
4/13/2017	947.47	1012.14	919.96	1083.25	990.09	916.97	1020.16	971.04	993.74	1047.84	941.49	941.18	1025.15	1056.23	1081.96	1113.10	--	--	--
5/18/2017	945.12	1012.24	919.11	1083.28	990.20	916.93	1020.22	971.10	993.80	1047.92	939.18	938.42	1025.19	1056.29	1081.99	1113.18	--	--	--
6/23/2017	942.97	1012.08	921.04	1083.27	990.15	917.04	1020.19	971.05	993.74	1047.96	937.05	936.01	1025.21	1056.28	1081.95	1113.17	--	--	--
7/7/2017	942.24	1012.16	921.18	1083.20	990.18	917.26	1020.17	971.14	993.86	1048.06	936.45	935.26	1025.24	1056.31	1081.93	1113.12	--	--	--
8/22/2017	940.02	1011.99	918.95	1083.21	990.08	917.17	1020.03	971.01	993.74	1048.01	934.29	933.10	1025.21	1056.10	1081.66	1113.26	--	--	--
9/9/2017	939.41	1011.95	918.50	1083.22	990.12	917.06	1020.03	970.99	993.72	1048.03	933.75	932.32	1025.17	1056.09	1081.60	1113.20	--	--	--
10/13/2017	938.09	1011.87	917.28	1083.20	990.09	916.78	1020.01	970.98	993.70	1048.08	932.59	931.29	1025.04	1056.03	1081.53	1113.07	--	--	--
11/24/2017	937.28	1011.81	916.86	1083.18	990.09	916.70	1019.98	970.95	993.69	1048.06	932.00	930.44	1025.00	1056.00	1081.48	1112.99	--	--	--
12/20/2017	936.35	1011.78	917.44	1083.24	990.03	916.48	1019.94	970.93	993.64	1048.12	931.20	930.50	1025.03	1055.98	1081.43	1113.11	--	--	--
1/12/2018	935.88	1011.74	918.21	1083.27	989.96	916.27	1019.90	970.90	993.60	1048.14	930.68	930.58	1025.08	1055.95	1081.40	1113.17	--	--	--
2/15/2018	935.54	1011.73	918.27	1083.29	989.95	916.24	1019.91	970.87	993.58	1048.19	930.24	930.76	1025.06	1055.96	1081.37	1113.13	--	--	--
3/16/2018	938.13	1011.70	918.54	1083.30	989.92	916.34	1019.94	970.92	993.60	1048.21	933.47	936.03	1025.09	1055.93	1081.36	1113.11	--	--	--
4/18/2018	945.92	1011.65	919.16	1083.39	990.16	916.64	1019.92	971.03	993.66	1048.47	941.08	941.60	1025.10	1055.94	1081.34	1113.17	--	--	--
7/10/2018	940.92	1011.43	917.91	1083.43	990.21	916.70	1019.95	971.05	993.68	1048.61	935.61	934.75	1024.89	1055.84	1081.03	1113.29	941.80	--	--
10/12/2018	936.72	1011.44	918.38	1083.53	990.28	916.54	1019.93	971.04	993.66	1048.74	931.78	930.48	1024.98	1055.83	1080.96	1113.44	937.48	--	--
1/25/2019	946.26	1011.26	919.86	1083.29	990.02	916.61	1019.64	970.95	993.60	1048.71	939.87	942.50	1024.87	1055.64	1080.69	1113.26	946.97	--	--
4/22/2019	952.12	1011.07	921.78	1083.49	990.25	917.53	1019.76	971.00	993.67	1048.83	946.80	946.77	1024.82	1055.59	1080.74	1113.45	953.08	--	--
7/5/2019	945.87	1010.96	918.88	1083.61	989.29	917.37	1019.65	970.92	993.56	1049.01	940.27	939.43	1024.76	1055.46	1080.51	1113.40	946.89	--	--
10/10/2019	940.29	1010.76	916.86	1083.63	989.91	916.61	1019.67	970.85	993.54	1049.26	934.98	933.87	1024.81	1055.44	1080.22	1113.71	941.23	--	--
1/10/2020	945.73	1010.69	919.93	1083.57	989.65	916.72	1019.41	970.75	993.22	1049.45	940.00	940.89	1024.64	1055.21	1080.17	1113.41	946.36	--	--
4/21/2020	953.03	1010.60	921.10	1083.60	989.96	917.33	1019.40	970.87	993.37	1050.39	947.99	948.95	1024.88	1055.19	1080.20	1113.61	953.80	--	--
7/16/2020	945.04	1010.57	920.37	1083.55	990.17	917.56	1019.47	970.98	993.38	1050.23	939.90	939.01	1024.96	1055.21	1080.07	1113.74	945.98	--	--
10/19/2020	939.22	1010.49	918.89	1083.62	990.19	917.36	1019.37	970.94	993.27	1050.61	934.24	933.03	1024.97	1055.19	1079.91	1113.67	940.11	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
7/6/2021	932.05	1010.26	917.57	1083.68	990.39	917.19	1019.27	971.20	993.19	1051.16	928.77	927.13	1025.01	1055.18	1079.59	1113.69	932.58	--	--
10/18/2021	930.58	1010.21	918.65	1083.71	990.28	916.72	1019.28	971.30	993.31	1051.38	927.41	925.64	1024.91	1055.22	1079.50	1113.77	930.92	--	--
1/20/2022	942.05	1010.06	920.29	1083.77	990.24	916.90	1019.12	971.08	993.14	1051.35	937.12	939.01	1024.71	1055.08	1079.51	1113.68	942.23	--	--
4/20/2022	938.30	1010.06	919.09	1083.88	990.32	916.90	1019.20	971.33	993.35	1051.55	933.83	933.35	1024.72	1055.10	1079.47	1113.83	938.84	--	--
7/6/2022	934.57	1010.03	917.90	1083.86	990.28	916.56	1019.15	971.42	993.44	1051.62	930.93	929.48	1024.69	1055.01	1079.29	1113.80	935.24	--	--
10/20/2022	930.61	1009.89	917.21	1083.77	990.19	916.04	1018.93	971.37	993.37	1051.61	927.96	926.08	1024.65	1054.86	1079.03	1113.80	931.18	--	--
1/12/2023	938.16	1009.86	920.20	1083.80	990.30	917.05	1018.92	971.42	993.44	1051.70	933.92	932.38	--	--	--	1113.88	940.43	--	--
4/18/2023	940.49	1009.83	925.73	1083.84	990.40	918.16	1018.89	971.49	993.44	1051.76	934.44	934.11	1024.66	1054.79	--	1113.96	942.33	--	--
7/10/2023	936.30	1010.58	924.44	1084.04	990.63	919.22	1018.87	971.55	993.42	1052.46	931.66	930.58	1024.62	1054.76	1079.56	1113.94	937.38	--	--
10/20/2023	933.09	1011.16	924.64	1083.94	990.15	920.09	1018.86	971.49	993.26	1053.19	929.27	927.90	1024.60	1054.73	--	1113.94	933.83	--	--
1/11/2024	931.79	1011.47	925.14	1084.08	990.92	920.46	1019.04	--	993.27	1053.71	927.78	926.69	--	1054.84	1079.83	--	933.41	--	--
4/19/2024	933.97	1011.98	926.23	1084.03	991.14	921.42	1018.67	--	993.22	1054.10	929.13	928.83	1024.61	1054.73	--	1114.24	935.37	--	--
7/3/2024	933.16	1012.40	925.55	1084.08	991.26	921.85	1018.64	970.27	993.15	1054.68	929.04	928.36	1025.53	1054.68	1080.25	1114.01	934.28	--	--
10/21/2024	929.54	1013.20	925.21	1083.90	991.00	922.27	1018.40	970.43	993.10	1055.29	926.93	925.53	1025.73	1054.67	1080.27	1113.92	930.20	953.53	921.67
1/9/2025	927.56	1013.68	925.40	1085.92	991.15	922.69	1018.48	970.43	993.11	1055.62	925.64	924.03	1025.82	1054.80	1080.48	1114.04	927.95	953.66	920.46
4/21/2025	935.01	1014.27	925.14	1084.09	991.43	922.98	1018.65	970.55	993.28	1056.05	929.36	929.79	1026.09	1055.02	1080.90	1113.23	937.05	953.74	924.47
7/8/2025	931.39	1014.37	924.21	1083.90	991.23	922.69	1018.31	970.25	992.94	1055.94	927.74	926.56	1025.97	1054.70	1080.80	1114.01	932.30	953.64	922.01
10/20/2025	927.76	1014.64	924.08	1083.89	991.33	922.60	1018.24	970.27	992.94	1056.02	925.13	923.53	1026.05	1054.71	1080.90	1114.03	929.34	953.62	919.71

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date	DW-1	DW-3	DW-7	DW-8	DW-9	DW-12	DW-14	DW-15	DW-16	DW-17	DW-18	DW-21	DW-23	DW-24	DW-26	DW-28	DW-29	DW-30	DW-31
Most Recent Elevation Calculation:																			
10/20/2025																			
TOCE	984.31	1104.17	958.97	1265.13	1224.34	1027.57	1237.49	1111.16	1176.08	1197.59	989.38	990.16	1372.5	1289.92	1177.31	1447.15	983.82	1094.38	980.1
DTW	56.55	89.53	34.89	181.24	233.01	104.97	219.25	140.89	183.14	141.57	64.25	66.63	346.45	235.21	96.41	333.12	54.48	140.76	60.39
GWE	927.76	1014.64	924.08	1083.89	991.33	922.60	1018.24	970.27	992.94	1056.02	925.13	923.53	1026.05	1054.71	1080.90	1114.03	929.34	953.62	919.71

Notes:

-- = Not Measured
TOCE = Top of Casing Elevation
DTW = Depth to Water
GWE = Groundwater Elevation

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
1/28/1986	--	--	--	--	--	--	--	--	--	--	--	--	--
4/2/1986	--	--	--	--	--	--	--	--	--	--	--	--	--
6/16/1986	--	--	--	--	--	--	--	--	--	--	--	--	--
9/10/1986	--	--	--	--	--	--	--	--	--	--	--	--	--
12/17/1986	--	--	--	--	--	--	--	--	--	--	--	--	--
3/24/1987	--	--	--	--	--	--	--	--	--	--	--	--	--
6/16/1987	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/1987	--	--	--	--	--	--	--	--	--	--	--	--	--
12/4/1987	--	--	--	--	--	--	--	--	--	--	--	--	--
3/18/1988	--	--	--	--	--	--	--	--	--	--	--	--	--
6/17/1988	--	--	--	--	--	--	--	--	--	--	--	--	--
9/15/1988	--	--	--	--	--	--	--	--	--	--	--	--	--
10/4/1988	--	--	--	--	--	--	--	--	--	--	--	--	--
12/5/1988	--	--	--	--	--	--	--	--	--	--	--	--	--
12/6/1988	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/1988	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
6/8/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
6/9/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
8/1/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
8/2/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
8/3/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
8/4/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
9/28/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
10/3/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
10/4/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
10/6/1989	--	--	--	--	--	--	--	--	--	--	--	--	--
1/29/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
1/30/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
1/31/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
2/27/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
3/14/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
4/11/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
4/12/1990	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
4/13/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
5/16/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
6/19/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
7/11/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
8/17/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
10/16/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
10/17/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
10/18/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
12/15/1990	--	--	--	--	--	--	--	--	--	--	--	--	--
1/21/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
1/22/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
1/23/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
2/6/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
2/19/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
4/8/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
4/23/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
5/18/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
6/20/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
7/22/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
8/1/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
8/2/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
9/17/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
10/21/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
10/22/1991	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
3/3/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
4/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
6/16/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
7/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
8/14/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
9/23/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/1992	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
11/16/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/1992	--	--	--	--	--	--	--	--	--	--	--	--	--
1/19/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
3/24/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
4/19/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
5/18/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
6/15/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
7/19/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
8/17/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
9/16/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
10/18/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
11/16/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
12/16/1993	--	--	--	--	--	--	--	--	--	--	--	--	--
1/31/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
2/16/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
3/16/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
4/18/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
4/19/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
5/18/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
7/18/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
10/10/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
12/7/1994	--	--	--	--	--	--	--	--	--	--	--	--	--
1/5/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
2/3/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
2/10/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
4/17/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
7/12/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
10/11/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
10/12/1995	--	--	--	--	--	--	--	--	--	--	--	--	--
1/9/1996	--	--	--	--	--	--	--	--	--	--	--	--	--
2/13/1996	--	1036.77	1000.31	--	--	--	--	--	--	--	--	--	--
2/14/1996	--	--	--	--	--	--	--	--	--	--	--	--	--
4/8/1996	--	1036.72	1000.31	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
5/24/1996	--	--	--	--	--	--	--	--	--	--	--	--	--
7/8/1996	--	1036.60	1000.21	--	--	--	--	--	--	--	--	--	--
10/9/1996	--	1036.31	1000.06	--	--	--	--	--	--	--	--	--	--
1/29/1997	--	1036.15	1000.07	--	--	--	--	--	--	--	--	--	--
4/8/1997	--	1036.05	999.96	--	--	--	--	--	--	--	--	--	--
4/11/1997	--	--	999.97	--	--	--	--	--	--	--	--	--	--
7/7/1997	--	1035.97	999.91	--	--	--	--	--	--	--	--	--	--
10/7/1997	--	1035.62	999.83	--	--	--	--	--	--	--	--	--	--
1/19/1998	--	1035.45	999.76	--	--	--	--	--	--	--	--	--	--
4/22/1998	--	1035.81	999.43	--	--	--	--	--	--	--	--	--	--
7/22/1998	--	1036.57	999.58	--	--	--	--	--	--	--	--	--	--
10/19/1998	--	1041.28	999.58	--	--	--	--	--	--	--	--	--	--
1/22/1999	--	1041.09	999.10	--	--	--	--	--	--	--	--	--	--
4/16/1999	--	1037.72	999.61	--	--	--	--	--	--	--	--	--	--
7/26/1999	--	1036.77	999.51	--	--	--	--	--	--	--	--	--	--
7/29/1999	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/1999	--	1037.62	998.91	--	--	--	--	--	--	--	--	--	--
1/24/2000	--	--	--	--	--	--	--	--	--	--	--	--	--
1/25/2000	--	--	--	--	--	--	--	--	--	--	--	--	--
2/2/2000	--	1037.62	--	--	--	--	--	--	--	--	--	--	--
2/3/2000	--	--	999.31	--	--	--	--	--	--	--	--	--	--
5/1/2000	--	1037.82	999.60	--	--	--	--	--	--	--	--	--	--
7/21/2000	--	1037.61	999.45	--	--	--	--	--	--	--	--	--	--
10/19/2000	--	1037.44	999.44	--	--	--	--	--	--	--	--	--	--
1/22/2001	--	1037.27	999.44	--	--	--	--	--	--	--	--	--	--
4/16/2001	--	1037.12	999.64	--	--	--	--	--	--	--	--	--	--
7/13/2001	--	1036.90	999.58	--	--	--	--	--	--	--	--	--	--
10/5/2001	--	1036.65	996.63	--	--	--	--	--	--	--	--	--	--
1/18/2002	--	1036.49	999.82	--	--	--	--	--	--	--	--	--	--
4/5/2002	--	1036.30	999.87	--	--	--	--	--	--	--	--	--	--
7/8/2002	--	1039.72	1002.48	--	--	--	--	--	--	--	--	--	--
10/7/2002	--	1038.44	1002.54	--	--	--	--	--	--	--	--	--	--
1/13/2003	--	1038.25	1002.51	--	--	--	--	--	--	--	--	--	--
4/7/2003	--	1037.88	1002.38	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
7/15/2003	--	1037.73	1002.47	--	--	--	--	--	--	--	--	--	--
7/23/2003	--	--	--	--	--	--	--	--	--	--	--	--	--
9/11/2003	--	--	--	--	--	--	--	--	--	--	--	--	--
10/13/2003	--	1037.52	1002.50	--	--	--	--	--	--	--	--	--	--
1/12/2004	--	1037.34	1002.44	--	--	--	--	--	--	--	--	--	--
1/15/2004	--	--	--	--	--	--	--	--	--	--	--	--	--
4/19/2004	--	1037.13	1002.47	--	--	--	--	--	--	--	--	--	--
7/9/2004	--	1037.04	1002.57	--	--	--	--	--	--	--	--	--	--
10/6/2004	--	1036.86	1002.57	--	--	--	--	--	--	--	--	--	--
11/10/2004	--	1036.75	1002.59	--	--	--	--	--	--	--	--	--	--
12/3/2004	--	--	--	1137.00	1099.60	--	--	--	--	--	--	--	--
12/7/2004	--	--	--	1135.67	1094.85	--	--	--	--	--	--	--	--
12/9/2004	--	1036.62	1002.52	1134.30	1096.65	--	--	--	--	--	--	--	--
12/15/2004	--	--	--	--	--	1072.29	--	--	--	--	--	--	--
12/16/2004	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/2004	--	--	--	--	--	--	--	--	--	--	--	--	--
12/30/2004	--	--	--	--	--	--	--	--	--	--	--	--	--
1/6/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
1/14/2005	--	1036.72	1002.71	1139.01	1097.90	1071.87	--	--	--	--	--	--	--
1/21/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
1/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
2/4/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
2/10/2005	--	1037.04	1002.74	1138.72	1098.02	1075.22	--	--	--	--	--	--	--
2/18/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
2/25/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
3/4/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
3/11/2005	--	1037.43	1002.69	1138.92	1098.40	1076.84	--	--	--	--	--	--	--
3/18/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
3/25/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
4/1/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
4/8/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
4/15/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
4/20/2005	--	1041.98	1002.67	1138.77	1100.01	1077.57	--	--	--	--	--	--	--
4/28/2005	--	--	--	--	--	--	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
5/6/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
5/17/2005	--	1038.37	1002.74	1138.48	1102.14	1078.13	--	--	--	--	--	--	--
5/20/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
5/27/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
6/3/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
6/10/2005	--	1038.68	1002.82	1138.76	1104.04	1078.59	--	--	--	--	--	--	--
7/8/2005	--	1039.01	1002.82	1138.67	1105.99	1079.07	--	--	--	--	--	--	--
7/15/2005	--	--	--	--	--	--	--	--	--	--	--	--	--
8/9/2005	--	1039.37	1002.87	1138.62	1107.84	1079.57	--	--	--	--	--	--	--
9/9/2005	--	1039.70	1002.91	1138.62	1109.00	1079.99	--	--	--	--	--	--	--
10/14/2005	--	1040.10	1003.06	1138.62	1109.72	1080.39	--	--	--	--	--	--	--
11/21/2005	--	1040.37	1003.04	1138.52	1110.20	1080.66	--	--	--	--	--	--	--
12/9/2005	--	1040.54	1003.09	1138.57	1110.27	1080.80	--	--	--	--	--	--	--
1/13/2006	--	1040.86	1003.23	1138.71	1110.50	1081.17	--	--	--	--	--	--	--
2/10/2006	--	1040.93	1003.09	1138.67	1110.41	1081.32	--	--	--	--	--	--	--
3/9/2006	--	1041.26	1003.36	1138.69	1110.81	1081.65	--	--	--	--	--	--	--
4/24/2006	--	1041.44	1003.32	1138.90	1110.40	1082.02	--	--	--	--	--	--	--
5/10/2006	--	1041.52	1003.34	1138.79	1110.27	1082.04	--	--	--	--	--	--	--
6/13/2006	--	1041.63	1003.36	1138.80	1109.93	1082.14	--	--	--	--	--	--	--
7/6/2006	--	1041.76	1003.48	1138.74	1109.74	1082.13	--	--	--	--	--	--	--
8/9/2006	--	1041.84	1003.51	1138.70	1109.45	1082.26	--	--	--	--	--	--	--
9/8/2006	--	--	1003.48	1138.81	1109.19	1082.38	--	--	--	--	--	--	--
10/9/2006	--	1041.95	1003.52	1138.73	1108.84	1082.55	--	--	--	--	--	--	--
11/14/2006	--	1041.98	1003.65	1138.77	1108.49	1082.68	--	--	--	--	--	--	--
12/7/2006	--	1041.97	1003.66	1138.72	1108.27	1082.72	--	--	--	--	--	--	--
1/15/2007	--	1041.88	1003.64	1138.73	1107.89	1082.87	--	--	--	--	--	--	--
2/21/2007	--	1041.60	1003.79	1138.88	1107.83	1083.07	--	--	--	--	--	--	--
3/14/2007	--	1041.99	1003.78	1138.86	1107.69	1083.13	--	--	--	--	--	--	--
4/17/2007	--	1041.91	1003.78	1138.93	1107.38	1083.25	--	--	--	--	--	--	--
5/11/2007	--	1041.96	1003.91	1138.95	1107.25	1083.34	--	--	--	--	--	--	--
6/8/2007	--	1041.99	1003.96	1139.01	1107.14	1083.41	--	--	--	--	--	--	--
7/7/2007	--	1041.91	1003.98	1139.02	1106.88	1083.44	--	--	--	--	--	--	--
8/10/2007	--	1041.85	1004.00	1138.99	1106.55	1083.46	--	--	--	--	--	--	--
9/10/2007	--	1041.76	1004.01	1139.05	1106.29	1083.62	--	--	--	--	--	--	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
10/12/2007	--	1041.76	1004.11	1139.03	1106.13	1083.66	--	--	--	--	--	--	--
11/8/2007	--	1041.65	1004.08	1138.95	1105.77	1083.69	--	--	--	--	--	--	--
12/14/2007	--	1041.52	1004.15	1139.06	1105.64	1083.82	--	--	--	--	--	--	--
1/15/2008	--	1040.62	1004.29	1139.19	1105.49	1083.99	--	--	--	--	--	--	--
2/26/2008	--	1041.48	1004.21	1139.27	1105.30	1084.19	--	--	--	--	--	--	--
3/18/2008	--	1041.47	1004.23	1139.17	1105.10	1084.10	--	--	--	--	--	--	--
4/8/2008	--	1041.53	1004.35	1139.16	1105.03	1084.02	--	--	--	--	--	--	--
5/9/2008	--	1041.43	1004.35	1139.16	1104.73	1084.00	--	--	--	--	--	--	--
6/17/2008	--	1041.33	1004.36	1139.21	1104.42	1084.04	--	--	--	--	--	--	--
7/9/2008	--	1041.32	1004.37	1139.25	1104.35	1084.03	--	--	--	--	--	--	--
8/13/2008	--	1041.28	1004.47	1139.22	1104.09	1084.10	--	--	--	--	--	--	--
9/10/2008	--	1041.17	1004.48	1139.26	1103.87	1084.18	--	--	--	--	--	--	--
10/13/2008	--	1040.97	1004.41	1139.17	1103.41	1084.11	--	--	--	--	--	--	--
11/14/2008	--	1041.02	1004.60	1139.17	1103.32	1084.02	--	--	--	--	--	--	--
12/19/2008	--	1040.86	1004.57	1139.26	1103.09	1084.15	--	--	--	--	--	--	--
1/9/2009	--	1040.87	1004.60	1139.24	1103.02	1083.91	--	--	--	--	--	--	--
2/12/2009	--	1040.81	1004.69	1139.36	1102.90	1084.10	--	--	--	--	--	--	--
3/10/2009	--	1040.78	1004.75	1139.36	1102.85	1084.17	--	--	--	--	--	--	--
4/13/2009	--	1040.75	1004.85	1139.37	1102.65	1084.14	--	--	--	--	--	--	--
5/12/2009	--	1040.66	1004.85	1139.36	1102.48	1083.92	--	--	--	--	--	--	--
6/15/2009	--	1040.54	1004.86	1139.37	1102.20	1083.89	--	--	--	--	--	--	--
7/10/2009	--	1040.47	1004.88	1139.44	1102.06	1083.87	--	--	--	--	--	--	--
8/14/2009	--	1040.38	1004.90	1139.35	1101.81	1083.73	--	--	--	--	--	--	--
9/16/2009	--	1040.36	1005.04	1139.41	1101.69	1083.77	1002.74	999.90	989.97	1037.56	1058.92	1136.23	--
10/19/2009	--	1040.22	1005.04	1139.51	1101.54	1083.68	1002.90	999.91	989.78	1036.39	1058.69	1136.45	--
11/13/2009	--	1040.19	1005.06	1139.41	1101.45	1083.53	1003.00	999.96	989.78	1036.30	1058.68	1136.64	--
12/15/2009	--	1039.96	1005.05	1139.53	1101.14	1083.62	1002.88	999.88	989.27	1036.50	1058.26	1136.42	--
1/9/2010	--	1040.02	1005.20	1139.42	1101.11	1083.49	1002.94	999.91	989.35	1036.50	1058.26	1136.55	--
1/11/2010	--	--	--	--	--	--	--	--	--	--	--	--	--
2/17/2010	--	1039.92	1005.27	1139.66	1101.13	1083.60	1002.97	999.95	989.21	1036.77	1058.15	1136.74	--
3/16/2010	--	1039.75	1005.24	1139.54	1100.88	1083.51	1002.93	999.91	988.97	1036.87	1057.99	1136.59	--
4/13/2010	--	1039.77	1005.31	1139.55	1100.86	1084.02	1002.99	999.97	989.05	1037.00	1058.10	1136.91	--
5/13/2010	--	1039.76	1005.45	1139.52	1100.72	1083.95	1003.04	1000.02	988.97	1037.10	1058.04	1137.00	--
6/9/2010	--	1039.60	1005.41	1139.54	1100.46	1083.83	1003.00	999.96	988.77	1037.24	1057.87	1136.96	--

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
7/6/2010	--	1039.59	1005.55	1139.61	1100.38	1083.88	1002.90	999.94	988.61	1037.28	1057.81	1137.09	--
8/12/2010	--	1039.49	1005.58	1139.60	1100.17	1083.76	1003.23	1000.16	988.71	1037.70	1057.68	1135.09	1163.06
9/16/2010	--	1039.38	1005.63	1139.55	1099.92	1083.59	1003.24	1000.16	988.57	1037.78	1057.52	1137.09	1162.97
10/15/2010	--	1039.21	1005.53	1139.47	1099.68	1083.36	1002.97	999.95	988.28	1037.59	1057.31	1136.97	1162.85
11/12/2010	--	1039.05	1005.45	1139.40	1100.33	1083.33	1002.95	999.89	988.07	1037.85	1057.05	1136.84	1162.64
12/8/2010	--	1039.06	1005.61	1139.47	1099.40	1083.20	1003.03	999.95	988.10	1037.63	1057.08	1136.95	1162.83
1/11/2011	--	1038.99	1005.57	1139.73	1099.48	1083.43	1002.98	999.91	988.01	1037.84	1056.88	1137.00	1162.85
2/15/2011	--	1038.99	1005.78	1139.62	1099.37	1083.18	1003.24	1000.11	988.08	1037.82	1056.85	1137.14	1162.93
3/15/2011	--	1038.92	1005.83	1139.70	1099.34	1083.13	1003.25	1000.14	988.05	1038.20	1056.73	1137.22	1163.03
4/15/2011	--	1038.89	1005.87	1139.80	1099.29	1083.13	1003.25	1000.14	987.95	1038.35	1056.63	1137.20	1163.09
5/12/2011	--	1038.80	1005.83	1139.74	1099.16	1082.93	1003.27	1000.10	987.93	1038.47	1056.61	1137.33	1163.17
6/16/2011	--	1038.76	1005.93	1139.80	1099.09	1082.72	1003.29	1000.14	987.91	1038.60	1056.63	1137.47	1163.23
7/11/2011	--	1038.66	1005.76	1139.81	1098.89	1082.68	1003.25	1000.14	987.81	1038.75	1056.48	1137.44	1163.20
8/17/2011	--	1038.61	1005.91	1139.82	1098.70	1082.49	1003.27	1000.15	987.77	1038.82	1056.36	1137.41	1162.92
9/16/2011	--	1038.53	1005.85	1139.73	1098.53	1082.23	1003.17	1000.07	987.53	1038.91	1056.34	1137.44	1163.07
10/17/2011	--	1038.45	1005.91	1139.74	1098.40	1082.19	1003.03	999.97	987.47	1038.97	1056.17	1136.86	1163.00
1/6/2012	--	1038.26	1006.01	1139.67	1098.21	1081.68	1003.09	1000.00	987.45	1038.98	1056.24	1137.32	1163.25
2/16/2012	--	1038.13	1005.91	1139.76	1098.19	1081.67	1003.08	999.92	987.34	1039.23	1056.12	1137.41	1163.28
3/15/2012	--	1038.28	1006.19	1139.77	1098.05	1081.55	1003.04	999.96	987.37	1039.09	1056.13	1137.41	1163.01
4/17/2012	--	1038.08	1006.34	1139.96	1098.09	1081.62	1003.23	999.97	987.19	1039.40	1056.13	1137.48	1163.06
5/17/2012	--	1037.98	1006.37	1139.88	1098.00	1081.48	1003.09	1000.05	987.29	1039.65	1056.18	1137.40	1163.28
6/15/2012	--	1037.92	1006.38	1139.91	1097.85	1081.27	1003.07	999.99	987.22	1039.18	1056.08	1137.61	1163.34
7/6/2012	--	1037.81	1006.34	1139.65	1097.68	1081.14	1002.89	999.86	987.16	1039.16	1055.98	1137.47	1163.41
8/16/2012	--	1037.76	1006.36	1139.91	1097.61	1081.02	1002.97	1000.02	987.15	1039.99	1055.92	1137.61	1163.26
9/13/2012	--	1037.65	1006.32	1139.83	1097.45	1080.84	1003.01	999.86	987.05	1039.81	1055.74	1137.46	1163.15
10/15/2012	--	1037.67	1006.45	1139.78	1097.47	1080.67	1003.06	999.89	986.99	1039.84	1055.78	1137.45	1163.21
11/15/2012	--	1037.52	1006.35	1139.78	1097.27	1080.46	1003.04	999.86	986.94	1039.81	1055.62	1137.44	1163.09
12/20/2012	--	1037.45	1006.39	1139.86	1097.17	1080.43	1002.97	999.80	986.77	1039.89	1055.38	1137.31	1163.02
1/4/2013	--	1037.35	1006.29	1139.80	1097.08	1080.32	1003.01	999.82	986.82	1039.95	1055.33	1137.35	1163.05
2/14/2013	--	1037.32	1006.42	1139.83	1097.03	1080.14	1003.00	999.87	986.75	1040.14	1055.31	1137.42	1163.06
3/7/2013	--	1037.33	1006.50	1139.87	1097.09	1080.06	1003.07	999.89	986.89	1040.16	1052.34	1137.58	1163.22
4/10/2013	--	1037.23	1006.47	1139.93	1096.96	1080.11	1003.06	999.87	986.84	1040.56	1055.11	1137.68	1163.19
5/15/2013	--	1037.18	1006.56	1139.93	1096.87	1079.86	1003.09	999.89	986.78	1040.44	1055.07	1137.57	1163.39
6/13/2013	--	1037.11	1006.58	1140.03	1096.79	1079.78	1003.08	999.91	986.72	1040.68	1055.01	1137.61	1163.27

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
7/12/2013	--	1037.09	1006.72	1140.01	1096.74	1079.65	1003.10	999.93	986.69	1040.95	1055.03	1137.94	1163.47
8/14/2013	--	1037.02	1006.73	1139.99	1096.66	1079.50	1003.32	999.95	986.70	1040.79	1054.86	1137.63	1163.46
9/20/2013	--	1037.04	1006.92	1140.15	1096.69	1079.51	1003.32	1000.13	986.84	1041.14	1054.85	1137.85	1163.49
10/11/2013	--	1036.99	1006.97	1140.09	1096.52	1079.36	1003.30	1000.09	986.77	1041.18	1054.75	1137.69	1163.38
11/18/2013	--	1036.88	1006.97	1140.04	1096.41	1079.18	1003.27	1000.07	986.65	1041.10	1054.61	1137.67	1163.24
12/12/2013	--	1036.87	1007.04	1139.97	1096.30	1079.03	1003.28	1000.05	986.62	1041.03	1054.54	1137.60	1163.15
1/10/2014	--	1036.83	1007.07	1139.99	1096.39	1078.93	1003.30	1000.06	986.68	1041.27	1054.51	1137.66	1163.24
2/19/2014	--	1036.73	1007.02	1140.07	1096.31	1078.78	1003.32	1000.13	986.65	1041.39	1054.44	1137.76	1163.33
3/14/2014	--	1036.65	1006.95	1140.22	1096.25	1078.86	1003.30	1000.09	986.61	1041.49	1054.29	1137.70	1163.35
4/11/2014	--	1036.65	1007.07	1140.19	1096.32	1078.68	1003.33	1000.16	986.64	1041.62	1054.33	1137.78	1163.35
5/19/2014	--	1036.55	1007.00	1140.16	1096.12	1078.46	1003.40	1000.15	986.66	1041.61	1054.21	1137.83	1163.42
6/20/2014	--	1036.47	1006.94	1140.16	1096.02	1078.34	1003.37	1000.15	986.57	1041.70	1054.10	1137.79	1163.39
7/14/2014	--	1036.42	1006.87	1140.13	1095.89	1078.18	1003.36	1000.14	986.51	1041.90	1053.94	1137.67	1163.38
8/18/2014	--	1036.41	1006.90	1140.12	1096.48	1078.04	1003.36	1000.13	986.51	1042.01	1053.98	1137.70	1163.39
9/15/2014	--	1036.33	1006.88	1140.19	1096.36	1078.00	1003.00	1000.10	986.62	1042.04	1053.89	1137.73	1163.36
10/13/2014	--	1036.25	1006.77	1140.15	1096.01	1077.81	1003.30	1000.11	986.41	1042.17	1053.73	1137.54	1163.26
11/17/2014	--	1036.15	1006.73	1140.09	1095.82	1077.63	1003.31	1000.11	986.27	1042.15	1053.58	1137.39	1163.03
12/15/2014	--	1036.19	1006.80	1140.24	1095.97	1077.70	1003.41	1000.15	986.37	1042.25	1053.64	1137.55	1163.05
1/5/2015	--	1036.05	1006.65	1140.09	1095.72	1077.51	1003.27	1000.05	986.21	1041.98	1053.43	1137.33	1163.00
2/16/2015	--	1036.04	1006.68	1140.12	1095.80	1077.35	1003.37	1000.17	980.41	1042.13	1053.47	1137.59	1163.33
3/20/2015	--	1035.94	1006.59	1140.10	1095.58	1077.22	1003.23	1000.10	986.29	1042.28	1053.31	1137.53	1163.14
4/13/2015	--	1035.87	1006.53	1140.07	1095.49	1077.09	1003.26	1000.11	986.27	1042.33	1053.24	1137.55	1163.09
5/20/2015	--	1035.85	1006.55	1140.08	1095.37	1076.93	1003.31	1000.15	986.22	1042.48	1053.23	1137.59	1163.04
6/18/2015	--	1035.76	1006.48	1140.10	1095.28	1076.88	1003.27	1000.15	986.22	1042.61	1053.11	1137.62	1163.03
7/7/2015	--	1035.70	1006.45	1140.12	1095.18	1076.72	1003.28	1000.15	986.19	1042.80	1053.02	1137.50	1163.00
8/17/2015	--	1035.64	1006.40	1140.18	1095.14	1076.61	1003.49	1000.19	986.17	1042.72	1053.00	1137.65	1162.96
9/22/2015	--	1035.58	1006.35	1140.19	1095.07	1076.46	1003.30	1000.17	986.17	1042.81	1052.88	1137.60	1162.94
10/13/2015	--	1035.52	1006.27	1140.12	1094.91	1076.36	1003.26	1000.13	986.11	1042.77	1052.75	1137.46	1162.77
11/13/2015	--	1035.52	1006.33	1140.11	1094.88	1076.16	1003.31	1000.15	986.10	1042.73	1052.76	1137.44	1162.90
12/23/2015	--	1035.47	1006.31	1140.17	1094.93	1076.05	1003.35	1000.24	986.24	1042.87	1052.78	1137.69	1162.92
1/8/2016	--	1035.32	1006.17	1140.20	1094.83	1076.08	1003.25	1000.13	986.13	1042.87	1052.60	1137.57	1162.97
2/12/2016	--	1035.32	1005.82	1140.12	1094.75	1075.87	1003.27	1000.13	986.08	1042.77	1052.54	1137.42	1162.83
3/23/2016	--	1035.21	1005.95	1140.15	1094.62	1075.74	1003.15	1000.12	985.96	1042.94	1052.38	1137.45	1162.87
4/11/2016	--	1035.13	1005.99	1140.19	1094.59	1075.68	1003.21	1000.13	986.01	1043.01	1052.32	1137.49	1162.87

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
5/19/2016	--	1035.07	1006.05	1140.25	1094.54	1075.49	1003.25	1000.18	985.99	1043.13	1062.29	1137.57	1162.99
6/14/2016	--	1035.04	1006.03	1140.23	1094.45	1075.40	1003.24	1000.19	985.91	1043.18	1052.23	1137.50	1162.98
7/7/2016	--	1034.97	1005.97	1140.20	1094.38	1075.28	1003.45	1000.17	985.93	1043.54	1052.18	1137.49	1162.94
8/22/2016	--	1034.86	1005.85	1140.20	1094.28	1075.09	1003.25	1000.16	985.93	1043.30	1052.03	1137.49	1162.88
9/15/2016	--	1034.79	1005.81	1140.17	1094.13	1074.91	1003.27	1000.14	985.99	1043.31	1051.98	1137.47	1162.87
10/18/2016	--	1034.74	1005.76	1140.16	1094.06	1074.82	1003.26	1000.14	985.91	1043.31	1051.90	1137.44	1162.84
11/18/2016	--	1034.65	1005.63	1140.09	1094.00	1074.67	1003.23	1000.12	985.87	1043.30	1051.81	1137.35	1162.64
12/13/2016	--	1034.55	1005.58	1140.12	1094.95	1074.58	1003.27	1000.13	985.82	1043.29	1051.74	1137.32	1162.66
1/6/2017	--	1034.53	1005.54	1140.28	1094.07	1074.69	1003.23	1000.13	985.88	1043.36	1051.75	1137.39	1162.71
2/15/2017	--	--	1005.61	1140.43	--	--	1003.19	1000.11	985.83	1043.38	1051.71	1137.39	1162.76
3/15/2017	--	--	1005.63	1140.39	--	--	1003.20	1000.13	985.82	1043.40	1051.61	1137.39	1162.81
4/13/2017	--	1034.36	1005.64	1140.31	1094.14	1074.43	1003.22	1000.13	985.83	1043.43	1051.53	1137.41	1162.89
5/18/2017	--	1034.40	1005.75	1140.31	1094.11	1074.32	1003.24	1000.15	985.90	1043.48	1051.53	1137.50	1162.93
6/23/2017	--	1034.38	1005.72	1140.35	1094.09	1074.17	1003.23	1000.16	985.93	1043.49	1051.46	1137.46	1162.97
7/7/2017	--	1034.33	1005.82	1140.37	1094.00	1074.11	1003.22	1000.16	985.99	1043.52	1051.42	1137.42	1162.96
8/22/2017	--	1034.21	1005.71	1140.27	1093.84	1073.83	1003.24	1000.14	985.99	1044.06	1051.28	1137.33	1162.80
9/9/2017	--	1034.17	1005.73	1140.25	1093.79	1073.77	1003.25	1000.13	986.00	1043.92	1051.25	1137.34	1162.78
10/13/2017	--	1034.11	1005.72	1140.27	1093.70	1073.62	1003.25	1000.14	985.99	1043.56	1051.17	1137.31	1162.78
11/24/2017	--	1034.06	1005.68	1140.23	1093.64	1073.56	1003.23	1000.13	985.96	1043.39	1051.12	1137.35	1162.75
12/20/2017	--	1034.03	1005.74	1140.25	1093.65	1073.40	1003.22	1000.12	985.92	1043.48	1051.14	1137.24	1162.63
1/12/2018	--	1033.99	1005.81	1140.29	1093.63	1073.34	1003.19	1000.09	985.87	1043.56	1051.14	1137.19	1162.55
2/15/2018	--	1033.98	1005.79	1140.31	1093.61	1073.26	1003.17	1000.10	985.86	1043.53	1051.16	1137.16	1162.56
3/16/2018	--	1033.91	1005.82	1139.88	1093.65	1073.15	1003.21	1000.12	985.89	1043.61	1051.14	1137.18	1162.62
4/18/2018	--	1033.83	1005.78	1140.27	1093.73	1073.03	1003.26	1000.15	985.86	1043.66	1051.10	1137.23	1162.69
7/10/2018	--	1033.60	1005.64	1140.27	1093.43	1072.68	1003.26	1000.14	985.84	1043.72	1050.93	1137.26	1162.66
10/12/2018	--	1033.52	1005.48	1140.31	1093.38	1072.38	1003.28	1000.14	985.82	1043.83	1050.86	1137.34	1162.69
1/25/2019	--	1033.39	1005.70	1140.34	1093.29	1072.13	1003.21	1000.06	985.72	1043.77	--	1137.04	1162.71
4/22/2019	--	1033.33	1006.23	1140.30	1093.40	1072.18	1003.21	1000.09	985.72	1044.00	--	1137.19	1162.59
7/5/2019	--	1033.27	1010.60	1140.24	1093.23	1071.55	1003.03	999.98	986.12	1044.13	--	1137.13	1162.55
10/10/2019	--	1033.13	1013.48	1140.22	1092.97	1071.17	1003.41	1000.01	986.63	1044.79	--	1137.06	1162.57
1/10/2020	--	1033.07	1014.10	1140.21	1092.99	1071.02	1003.00	999.77	986.43	1044.14	--	1136.87	1162.21
4/21/2020	--	1033.08	1014.80	1140.38	1093.01	1070.83	1002.97	999.79	986.24	1044.43	--	1136.94	1162.31
7/16/2020	--	1033.02	1017.13	1140.25	1092.79	1070.30	1003.01	999.81	986.09	1044.58	--	1136.99	1162.32
10/19/2020	--	1032.98	1018.16	1140.22	1092.66	1069.94	1003.01	999.86	985.96	1044.54	--	1136.86	1162.17

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
7/6/2021	--	1032.85	1018.28	1140.25	1092.31	1069.17	1003.36	1000.03	985.92	1045.30	--	1136.75	1162.16
10/18/2021	--	1032.83	1017.84	1140.25	1092.21	1068.83	1003.71	1000.01	985.93	1045.30	--	1136.71	1162.18
1/20/2022	--	1032.81	1017.25	1140.37	1092.38	1068.83	1003.38	999.96	985.93	1045.23	--	1136.56	1162.03
4/20/2022	--	1032.75	1021.42	1140.29	1092.24	1068.41	1003.38	999.99	985.91	1045.37	--	1136.65	1162.10
7/6/2022	--	1032.72	1025.31	1140.12	1091.82	1068.11	1003.37	999.91	985.86	1045.47	--	1136.57	1162.10
10/20/2022	--	1032.60	1024.59	1140.14	1091.68	1067.66	1003.24	999.80	985.67	1043.46	--	1136.44	1161.84
1/12/2023	--	--	1024.83	1140.45	--	--	1003.09	999.81	985.86	1044.83	--	1136.52	1162.03
4/18/2023	--	1033.09	1031.95	1140.56	1092.35	--	1002.97	999.82	985.98	1045.59	1055.17	1136.51	1162.14
7/10/2023	--	1033.22	1038.48	1137.94	1092.10	1067.35	1003.30	999.94	987.05	1045.65	1063.25	1136.27	1162.06
10/20/2023	--	1033.28	1037.52	1137.98	1092.16	--	1003.31	1000.01	987.11	1045.70	1063.32	1136.25	1162.03
1/11/2024	--	1033.42	1034.97	--	1092.36	1067.14	1003.24	999.99	986.95	1045.50	--	--	1161.88
4/19/2024	--	--	1033.93	1139.78	1092.91	--	1002.14	1000.08	986.83	1045.63	1085.49	1136.09	1161.93
7/3/2024	--	1034.09	1034.07	1139.40	1093.20	--	1003.15	1000.17	987.22	1044.90	1087.81	1136.15	1161.84
10/21/2024	--	1034.43	1033.95	1139.55	1093.61	1067.89	1003.09	1000.17	986.97	1045.27	1082.64	1135.83	1161.62
1/9/2025	--	1034.72	1033.33	1139.81	1094.52	1068.23	1003.46	1000.34	986.91	1045.75	1080.32	1135.77	1161.58
4/21/2025	--	1035.14	1032.82	1139.85	1095.61	1068.68	1003.54	1000.37	986.80	1045.97	1086.11	1135.93	1161.82
7/8/2025	913.44	1035.32	1032.60	1132.98	1095.50	1068.84	1003.15	1000.24	986.53	1045.43	1082.21	1134.59	1161.62
10/20/2025	913.21	1035.62	1031.31	1137.66	1095.83	1068.84	1003.18	1000.29	986.37	1045.49	1079.34	1134.95	1161.17

APPENDIX B
GROUNDWATER ELEVATIONS
Chiquita Canyon Landfill

All elevations are in feet, relative to mean sea level.

Sample Date -	FP-01	PZ-3	PZ-4	PZ-5	PZ-6	PZ-7	GP-16	GP-17	GP-21	GP-22	GP-24	GP-25	GP-26
Most Recent Elevation Calculation:													
10/20/2025													
TOCE	951.56	1106.23	1107.29	1214.58	1182.6	1195.64	1257.11	1216.32	1220.39	1326.41	1120.83	1213.36	1378.51
DTW	38.35	70.61	75.98	76.92	86.77	126.8	253.93	216.03	234.02	280.92	41.49	78.41	217.34
GWE	913.21	1035.62	1031.31	1137.66	1095.83	1068.84	1003.18	1000.29	986.37	1045.49	1079.34	1134.95	1161.17

Notes:

-- = Not Measured
TOCE = Top of Casing Elevation
DTW = Depth to Water
GWE = Groundwater Elevation

APPENDIX C

PREDICTION LIMIT PLOTS

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 1/17/2026, 7:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Alkalinity, Total as CaCO3 (mg/L)	DW-1	223.4	125	10/27/2025	190	No	24	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-12	199.6	134.1	10/22/2025	150	No	16	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-14	294.5	97.31	10/23/2025	200	No	17	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-15	232.1	172.3	10/23/2025	210	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-16	363.1	133.1	10/27/2025	240	No	27	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-17	184	110.7	10/23/2025	160	No	19	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-18	384.7	192.8	10/22/2025	250	No	16	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-21	223.6	78.25	10/22/2025	150	No	17	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-28	408.1	288.2	10/21/2025	350	No	16	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-29	323.6	189.7	12/18/2025	300	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-3	190.5	129.5	10/27/2025	190	No	24	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-7	142.8	87	10/22/2025	97	No	16	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-8	467.5	281.8	10/27/2025	360	No	15	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	PZ-4	527.1	54	10/22/2025	380	No	18	0	No	0.005	Param Intra
Ammonia-N (mg/L)	DW-1	0.16	n/a	10/27/2025	0.05ND	No	24	62.5	n/a	0.04	NP Intra (NDs)
Ammonia-N (mg/L)	DW-12	0.073	n/a	10/22/2025	0.05ND	No	16	93.75	n/a	0.05882	NP Intra (NDs)
Ammonia-N (mg/L)	DW-14	0.1	n/a	10/23/2025	0.05ND	No	16	87.5	n/a	0.05882	NP Intra (NDs)
Ammonia-N (mg/L)	DW-15	0.1767	n/a	10/23/2025	0.093J	No	18	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-16	0.094	n/a	10/27/2025	0.05ND	No	26	92.31	n/a	0.03704	NP Intra (NDs)
Ammonia-N (mg/L)	DW-17	0.041	n/a	10/23/2025	0.05ND	No	18	100	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-18	0.28	n/a	10/22/2025	0.05ND	No	16	93.75	n/a	0.05882	NP Intra (NDs)
Ammonia-N (mg/L)	DW-21	0.041	n/a	10/22/2025	0.05ND	No	16	100	n/a	0.05882	NP Intra (NDs)
Ammonia-N (mg/L)	DW-28	0.4174	n/a	10/21/2025	0.33	No	16	0	No	0.01	Param Intra
Ammonia-N (mg/L)	DW-29	0.073	n/a	12/18/2025	0.05ND	No	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-3	0.3	n/a	10/27/2025	0.05ND	No	24	83.33	n/a	0.04	NP Intra (NDs)
Ammonia-N (mg/L)	DW-7	0.19	n/a	10/22/2025	0.05ND	No	16	81.25	n/a	0.05882	NP Intra (NDs)
Ammonia-N (mg/L)	DW-8	1.271	n/a	10/27/2025	0.98	No	15	0	No	0.01	Param Intra
Ammonia-N (mg/L)	PZ-4	0.041	n/a	10/22/2025	0.05ND	No	16	100	n/a	0.05882	NP Intra (NDs)
Ammonia-N (mg/L)	DW-30	0.041	n/a	10/23/2025	0.05ND	No	4	100	n/a	0.2	NP Intra (NDs)
Ammonia-N (mg/L)	DW-31	0.047	n/a	12/18/2025	0.05ND	No	4	75	n/a	0.2	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-1	46	n/a	10/27/2025	10	No	24	70.83	n/a	0.04	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-12	28	n/a	10/22/2025	2ND	No	15	80	n/a	0.0625	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-14	21	n/a	10/23/2025	7	No	16	87.5	n/a	0.05882	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-15	6	n/a	10/23/2025	2ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	**DW-16**	**3**	**n/a**	**10/27/2025**	**5**	**Yes**	**26**	**84.62**	**n/a**	**0.03704**	**NP Intra (NDs)**
Chemical Oxygen Demand (mg/L)	DW-17	6	n/a	10/23/2025	3J	No	18	72.22	n/a	0.05263	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-18	33.82	n/a	10/22/2025	15	No	16	6.25	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-21	25	n/a	10/22/2025	8	No	16	75	n/a	0.05882	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-28	32	n/a	10/21/2025	7	No	15	73.33	n/a	0.0625	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-29	34.88	n/a	12/18/2025	10	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-3	49	n/a	10/27/2025	2J	No	25	80	n/a	0.03846	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-7	9	n/a	10/22/2025	5	No	16	68.75	n/a	0.05882	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	DW-8	12	n/a	10/27/2025	12	No	14	64.29	n/a	0.06667	NP Intra (NDs)
Chemical Oxygen Demand (mg/L)	PZ-4	36.07	n/a	10/22/2025	20	No	16	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-30	19.81	n/a	10/23/2025	10	No	4	50	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-31	120.4	n/a	12/18/2025	26	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-1	131.5	n/a	10/27/2025	110	No	24	0	No	0.01	Param Intra
Chloride (mg/l)	DW-12	213.5	n/a	10/22/2025	180	No	15	0	No	0.01	Param Intra
Chloride (mg/l)	DW-14	104.1	n/a	10/23/2025	94	No	15	0	No	0.01	Param Intra
Chloride (mg/l)	DW-15	82.28	n/a	10/23/2025	73	No	17	0	No	0.01	Param Intra

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 1/17/2026, 7:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Chloride (mg/l)	DW-16	118.9	n/a	10/27/2025	110	No	26	0	No	0.01	Param Intra
Chloride (mg/l)	DW-17	165.8	n/a	10/23/2025	140	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-18	411.2	n/a	10/22/2025	110	No	16	0	No	0.01	Param Intra
Chloride (mg/l)	DW-21	67.72	n/a	10/22/2025	53	No	15	0	No	0.01	Param Intra
Chloride (mg/l)	DW-28	43.53	n/a	10/21/2025	35	No	15	0	No	0.01	Param Intra
Chloride (mg/l)	DW-29	112.3	n/a	12/18/2025	91	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-3	91.81	n/a	10/27/2025	57	No	24	0	No	0.01	Param Intra
Chloride (mg/l)	DW-7	118.5	n/a	10/22/2025	81	No	15	0	No	0.01	Param Intra
Chloride (mg/l)	DW-8	78.18	n/a	10/27/2025	66	No	14	0	No	0.01	Param Intra
Chloride (mg/l)	PZ-4	93.67	n/a	10/22/2025	58	No	17	0	No	0.01	Param Intra
Chloride (mg/l)	DW-30	74.59	n/a	10/23/2025	58	No	4	0	No	0.01	Param Intra
Chloride (mg/l)	DW-31	167.9	n/a	12/18/2025	93	No	4	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-1	0.64	n/a	10/27/2025	0.05ND	No	24	87.5	n/a	0.04	NP Intra (NDs)
Nitrate as N (mg/L)	DW-12	4.148	n/a	10/22/2025	3.6	No	16	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-14	0.3595	n/a	10/23/2025	0.34	No	15	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-15	0.18	n/a	10/23/2025	0.05ND	No	17	88.24	n/a	0.05556	NP Intra (NDs)
Nitrate as N (mg/L)	DW-16	2.658	n/a	10/27/2025	2.2	No	26	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-17	1.506	n/a	10/23/2025	0.81	No	19	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-18	3.937	n/a	10/22/2025	2.8	No	15	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-21	0.1523	n/a	10/22/2025	0.09J	No	15	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-28	0.06	n/a	10/21/2025	0.05ND	No	15	93.33	n/a	0.0625	NP Intra (NDs)
Nitrate as N (mg/L)	DW-29	4.116	n/a	12/18/2025	2.2	No	17	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-3	2.062	n/a	10/27/2025	2	No	25	4	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-7	0.06036	n/a	10/22/2025	0.05036	No	15	100	n/a	0.0625	NP Intra (NDs) Deseas
Nitrate as N (mg/L)	DW-8	0.078	n/a	10/27/2025	0.05ND	No	14	78.57	n/a	0.06667	NP Intra (NDs)
Nitrate as N (mg/L)	PZ-4	1.764	n/a	10/22/2025	1.1	No	15	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-30	1.659	n/a	10/23/2025	0.1184	No	4	0	No	0.01	Param Intra Deseas
Nitrate as N (mg/L)	DW-31	0.9592	n/a	12/18/2025	0.07J	No	4	25	No	0.01	Param Intra
Potassium (mg/L)	DW-1	5.385	n/a	10/27/2025	2.4	No	24	0	No	0.01	Param Intra
Potassium (mg/L)	DW-12	3.396	n/a	10/22/2025	1.8	No	16	0	No	0.01	Param Intra
Potassium (mg/L)	DW-14	1.485	n/a	10/23/2025	0.57	No	16	6.25	No	0.01	Param Intra
Potassium (mg/L)	DW-15	5.162	n/a	10/23/2025	2.7	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-16	1.906	n/a	10/27/2025	0.85	No	26	0	No	0.01	Param Intra
Potassium (mg/L)	DW-17	1.502	n/a	10/23/2025	0.69	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-18	3.629	n/a	10/22/2025	1.5	No	16	0	No	0.01	Param Intra
Potassium (mg/L)	DW-21	1.439	n/a	10/22/2025	0.4ND	No	16	25	No	0.01	Param Intra
Potassium (mg/L)	DW-28	2.628	n/a	10/21/2025	0.81	No	16	0	No	0.01	Param Intra
Potassium (mg/L)	DW-29	2.873	n/a	12/18/2025	1.3	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-3	2.633	n/a	10/27/2025	1.7	No	24	0	No	0.01	Param Intra
Potassium (mg/L)	DW-7	2.702	n/a	10/22/2025	1.1	No	16	0	No	0.01	Param Intra
Potassium (mg/L)	DW-8	11.94	n/a	10/27/2025	6.4	No	15	0	No	0.01	Param Intra
Potassium (mg/L)	PZ-4	2.989	n/a	10/22/2025	2.2	No	17	0	No	0.01	Param Intra
Potassium (mg/L)	DW-30	2.935	n/a	10/23/2025	1.51	No	4	0	No	0.01	Param Intra Deseas
Potassium (mg/L)	DW-31	3.51	n/a	12/18/2025	1.4	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-1	268.8	n/a	10/27/2025	222.6	No	24	0	No	0.01	Param Intra Deseas
Sodium (mg/L)	DW-12	323.5	n/a	10/22/2025	279.8	No	15	0	No	0.01	Param Intra Deseas
Sodium (mg/L)	DW-14	244.4	n/a	10/23/2025	140	No	15	0	No	0.01	Param Intra
Sodium (mg/L)	DW-15	504	n/a	10/23/2025	420	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-16	290.9	n/a	10/27/2025	240	No	26	0	No	0.01	Param Intra
Sodium (mg/L)	DW-17	269.7	n/a	10/23/2025	220	No	19	0	No	0.01	Param Intra

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 1/17/2026, 7:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Sodium (mg/L)	DW-18	368.1	n/a	10/22/2025	290	No	15	0	No	0.01	Param Intra
Sodium (mg/L)	DW-21	165.5	n/a	10/22/2025	140	No	15	0	No	0.01	Param Intra
Sodium (mg/L)	DW-28	410.2	n/a	10/21/2025	360	No	15	0	No	0.01	Param Intra
Sodium (mg/L)	DW-29	305	n/a	12/18/2025	220	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-3	171.6	n/a	10/27/2025	120	No	24	0	No	0.01	Param Intra
Sodium (mg/L)	DW-7	388	n/a	10/22/2025	330	No	15	0	No	0.01	Param Intra
Sodium (mg/L)	DW-8	801.4	n/a	10/27/2025	590	No	14	0	No	0.01	Param Intra
Sodium (mg/L)	PZ-4	232.7	n/a	10/22/2025	180	No	16	0	No	0.01	Param Intra
Sodium (mg/L)	DW-30	241.4	n/a	10/23/2025	190	No	4	0	No	0.01	Param Intra
Sodium (mg/L)	DW-31	191.5	n/a	12/18/2025	120	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-1	432.7	n/a	10/27/2025	370	No	24	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-12	340.1	n/a	10/22/2025	290	No	15	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-14	36.09	n/a	10/23/2025	30	No	15	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-15	1732	n/a	10/23/2025	1500	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-16	219.2	n/a	10/27/2025	190	No	26	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-17	207.6	n/a	10/23/2025	180	No	17	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-18	1340	n/a	10/22/2025	340	No	16	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-21	130.4	n/a	10/22/2025	117.4	No	15	0	No	0.01	Param Intra Deseas
Sulfate (mg/L)	DW-28	554.8	n/a	10/21/2025	460	No	15	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-29	458.5	n/a	12/18/2025	364.6	No	17	0	No	0.01	Param Intra Deseas
Sulfate (mg/L)	DW-3	222.1	n/a	10/27/2025	100	No	24	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-7	997	n/a	10/22/2025	630	No	15	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-8	3243	n/a	10/27/2025	2900	No	14	0	No	0.01	Param Intra
Sulfate (mg/L)	PZ-4	187	n/a	10/22/2025	120	No	16	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-30	421	n/a	10/23/2025	300	No	4	0	No	0.01	Param Intra
Sulfate (mg/L)	DW-31	623.6	n/a	12/18/2025	360	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-1	1042	n/a	10/27/2025	940	No	24	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-12	1043	n/a	10/22/2025	930	No	15	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-14	468.4	n/a	10/23/2025	410	No	15	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-15	2540	n/a	10/23/2025	2400	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-16	864.9	n/a	10/27/2025	770	No	26	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-17	718.6	n/a	10/23/2025	690	No	17	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-18	1129	n/a	10/22/2025	990	No	16	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-21	502.7	n/a	10/22/2025	410	No	15	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-28	1202	n/a	10/21/2025	1100	No	15	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-29	1066	n/a	12/18/2025	1014	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-3	684.1	n/a	10/27/2025	500	No	24	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-7	1332	n/a	10/22/2025	1200	No	15	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-8	5040	n/a	10/27/2025	4600	No	14	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	PZ-4	1020	n/a	10/22/2025	700	No	15	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-30	1017	n/a	10/23/2025	760	No	4	0	No	0.01	Param Intra
Total Dissolved Solids (mg/L)	DW-31	1779	n/a	12/18/2025	1100	No	4	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-1	4.102	n/a	10/27/2025	0.49ND	No	24	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-12	10.12	n/a	10/22/2025	2	No	16	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-14	9.056	n/a	10/23/2025	0.49ND	No	16	6.25	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-15	6.139	n/a	10/23/2025	0.49ND	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-16	4.783	n/a	10/27/2025	2.2	No	26	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-17	5.405	n/a	10/23/2025	1.3	No	19	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-18	12.09	n/a	10/22/2025	3.3	No	16	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-21	4.461	n/a	10/22/2025	0.49ND	No	17	0	No	0.01	Param Intra

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 1/17/2026, 7:25 PM

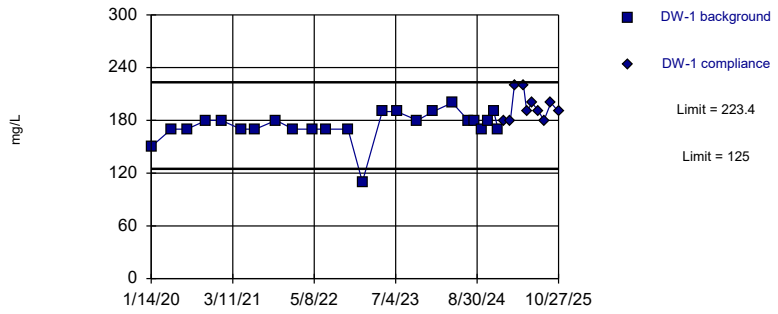
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Total Organic Carbon (mg/L)	DW-28	8.646	n/a	10/21/2025	3.6	No	16	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-29	13.52	n/a	12/18/2025	1.8	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-3	3.519	n/a	10/27/2025	1.3	No	25	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-7	6.519	n/a	10/22/2025	0.49ND	No	17	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-8	8.272	n/a	10/27/2025	0.73J	No	16	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	PZ-4	15.11	n/a	10/22/2025	6.4	No	17	5.882	No	0.01	Param Intra

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=174.2, Std. Dev.=17.17, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

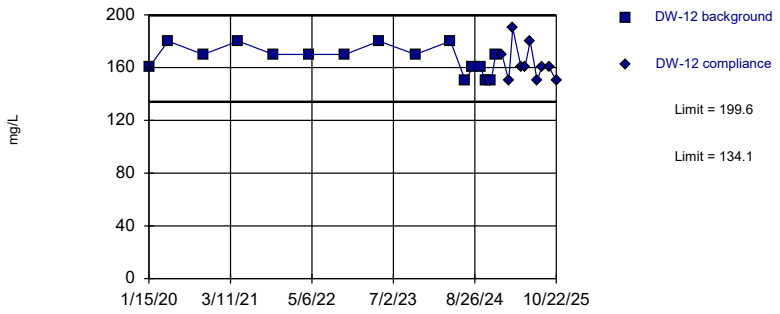
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=166.9, Std. Dev.=10.78, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

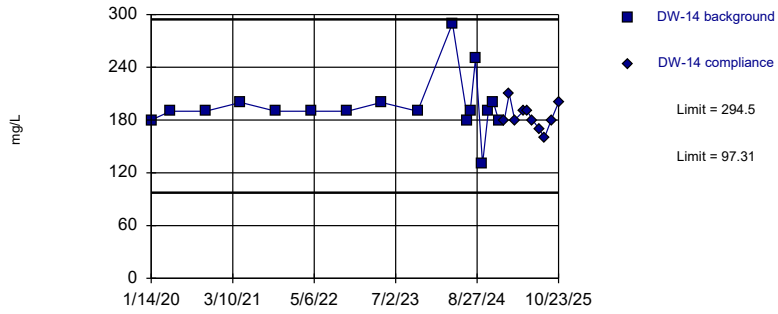
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=195.9, Std. Dev.=32.8, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

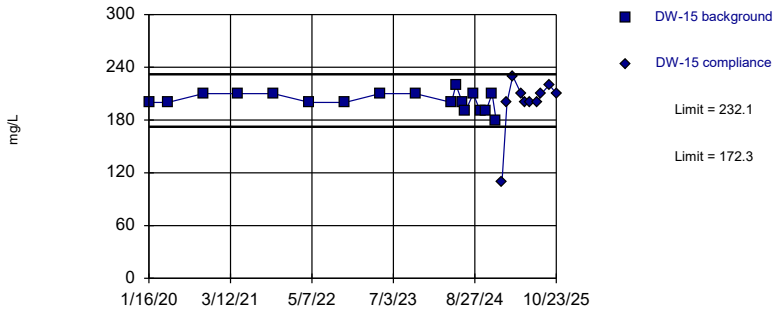
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

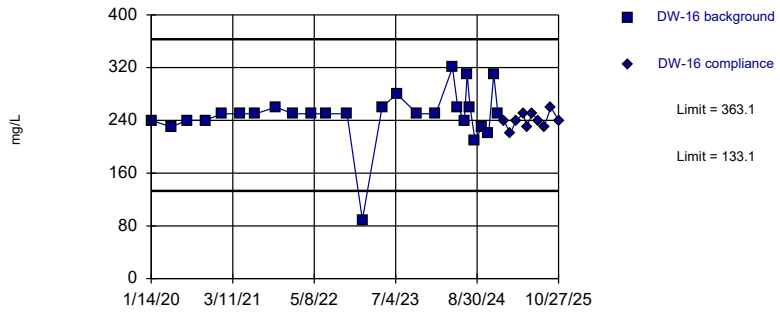
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

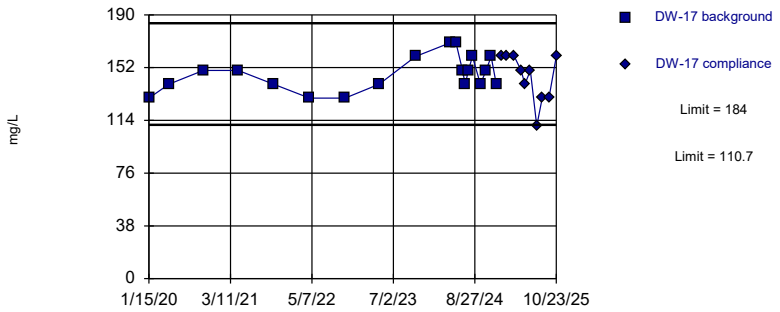
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

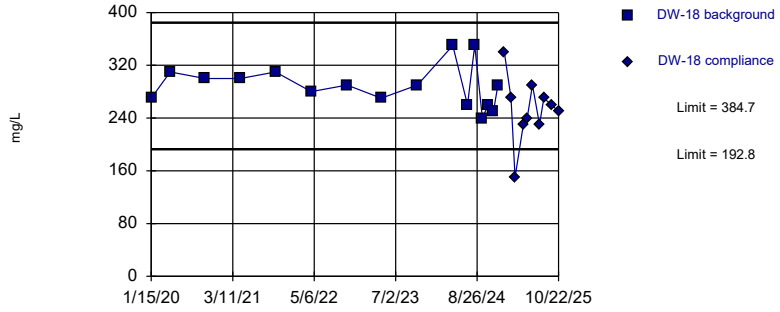
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=288.8, Std. Dev.=31.6, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

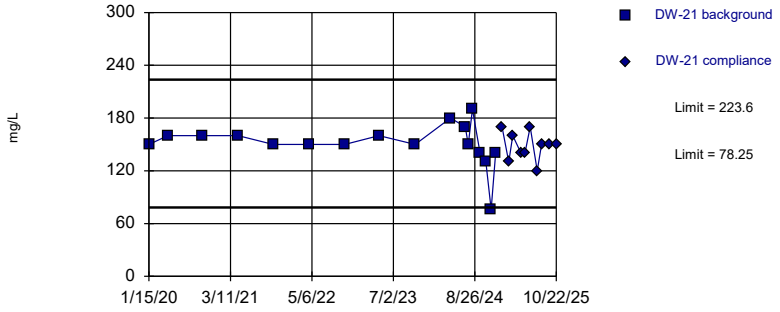
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=150.9, Std. Dev.=24.19, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

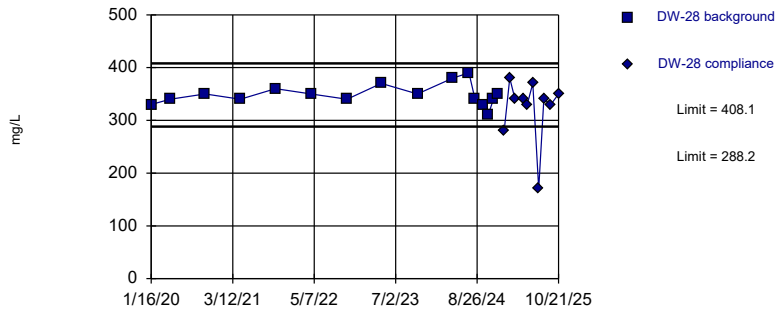
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=348.1, Std. Dev.=19.74, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis

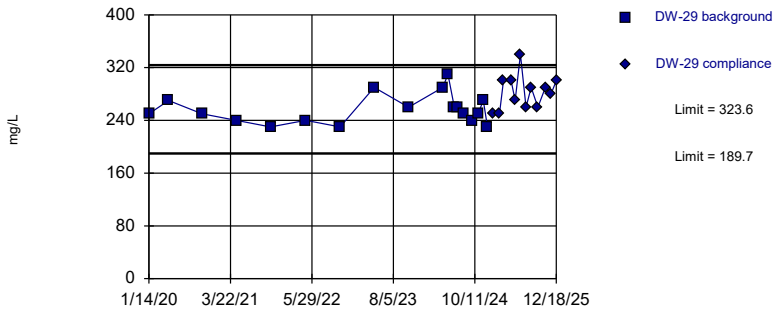
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=256.7, Std. Dev.=22.49, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis

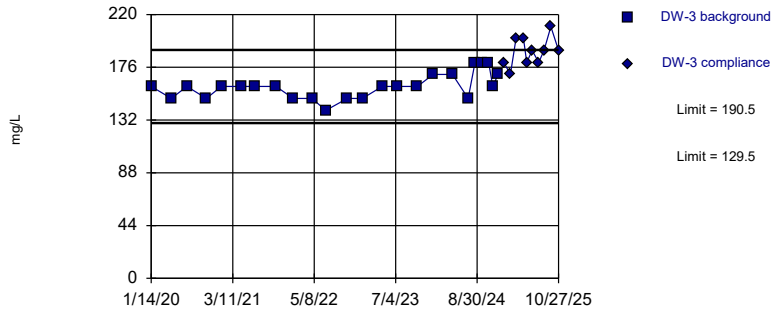
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=160, Std. Dev.=10.63, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis

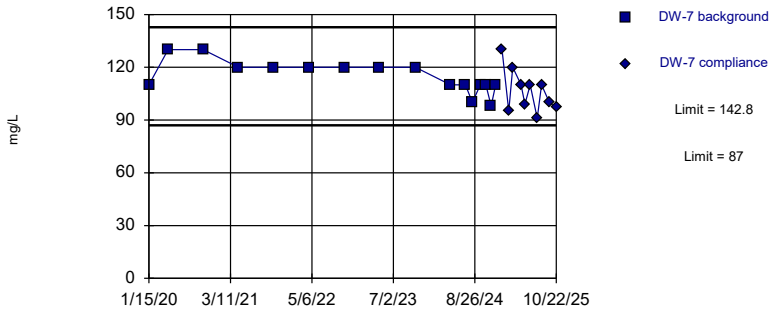
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=114.9, Std. Dev.=9.179, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis

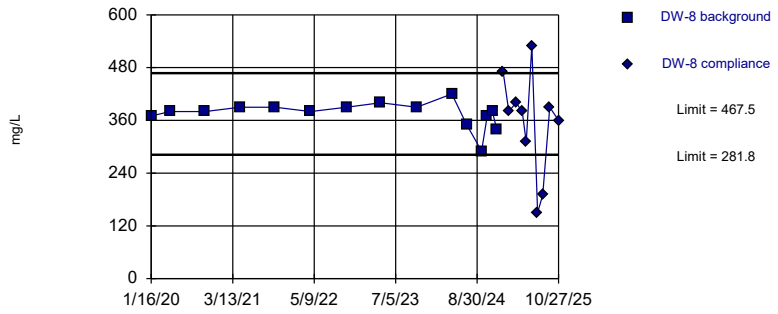
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=374.7, Std. Dev.=30.21, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

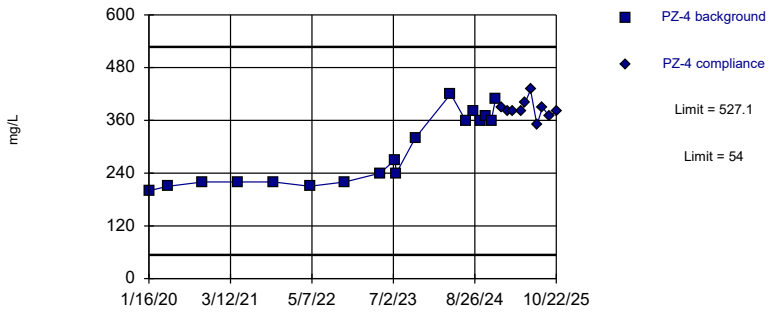
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limits

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=290.6, Std. Dev.=79.44, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

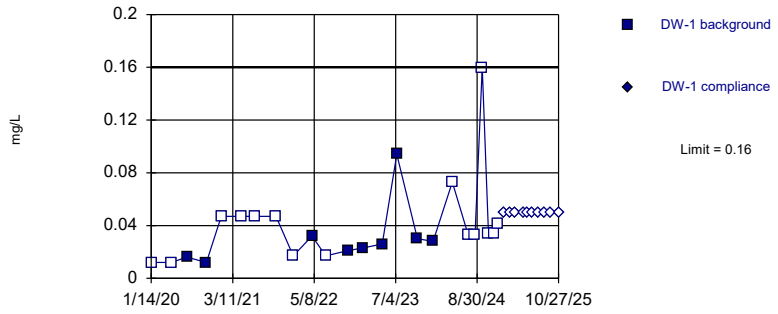
Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 62.5% NDs. Report alpha = 0.04. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

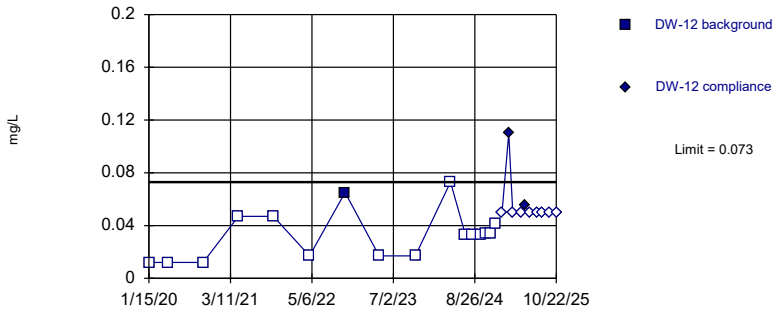
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

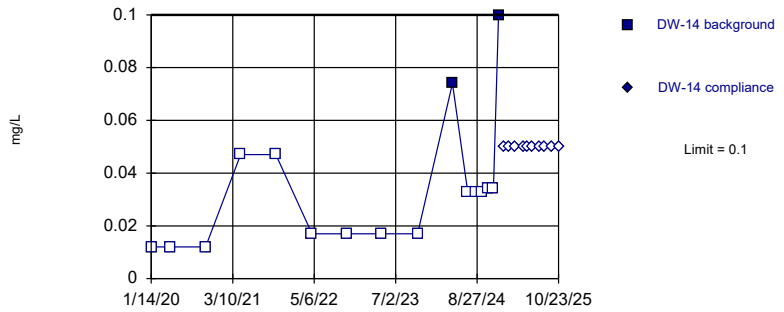
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

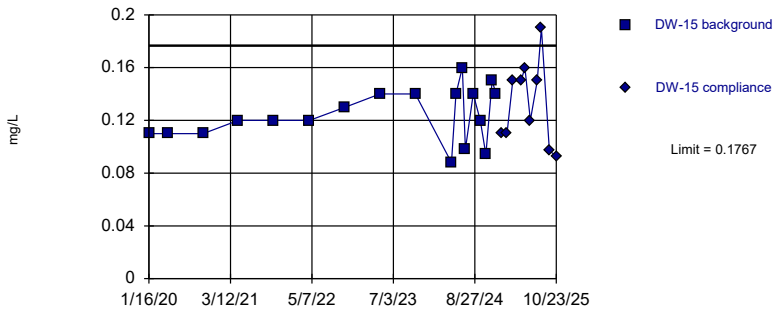
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1239, Std. Dev.=0.02002, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

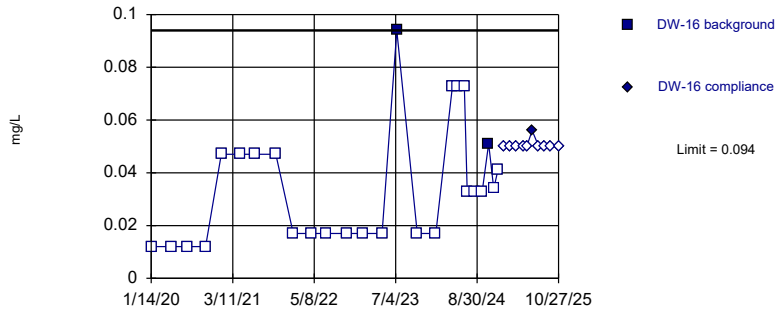
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

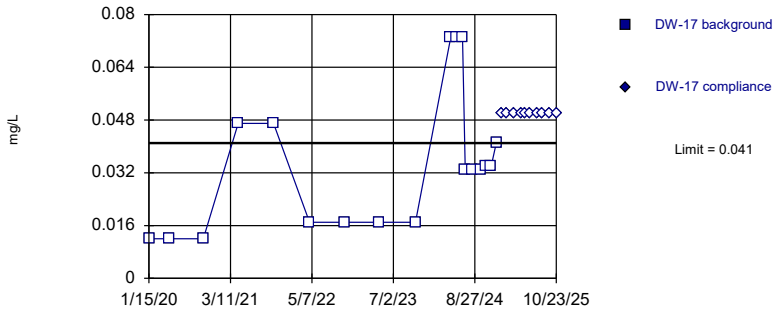
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 18) were censored; limit is most recent reporting limit. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

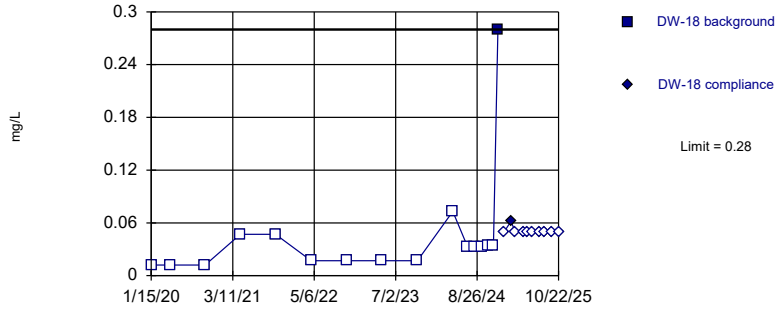
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

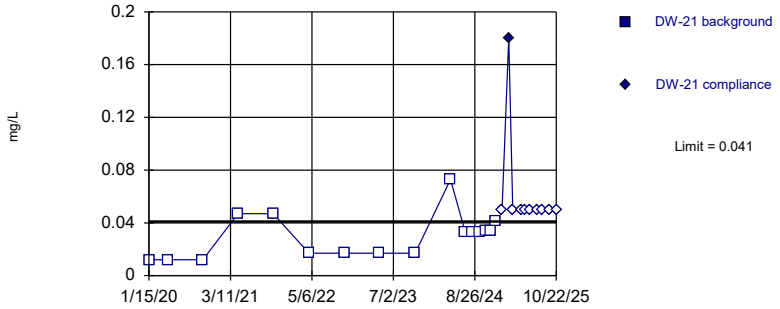
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

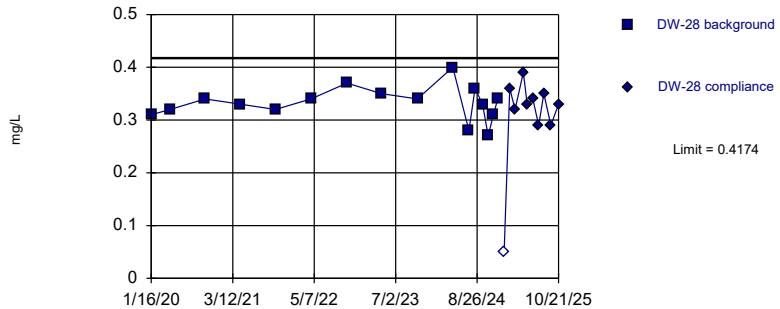
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3319, Std. Dev.=0.03188, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

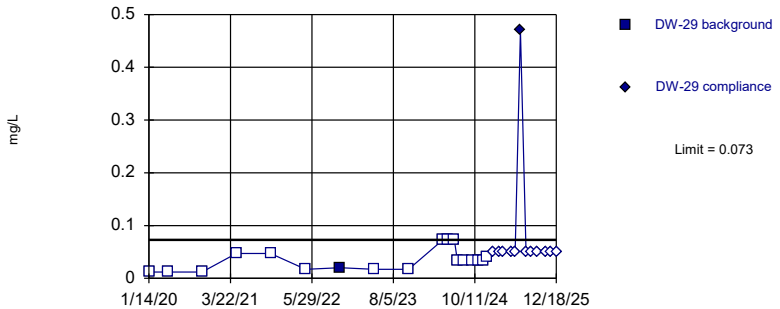
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

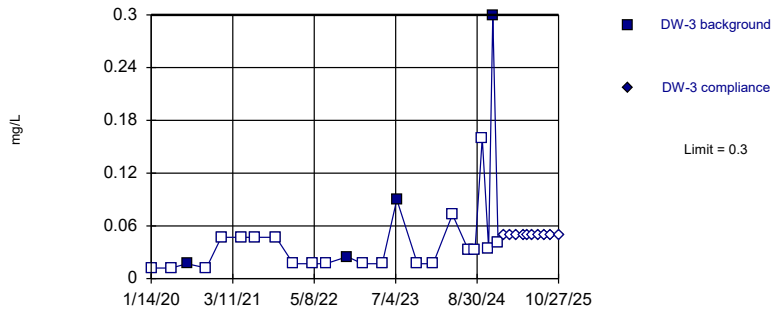
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 83.33% NDs. Report alpha = 0.04. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

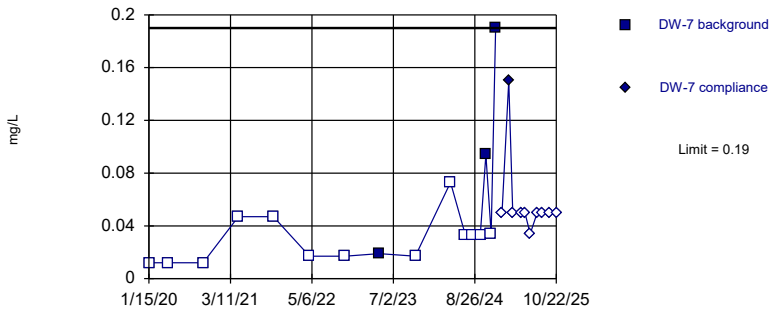
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 81.25% NDs. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

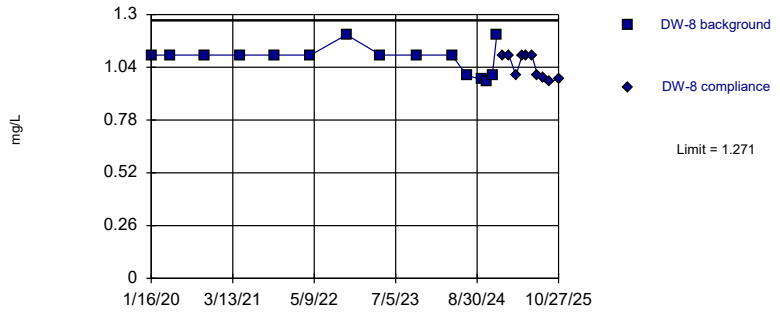
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.083, Std. Dev.=0.06925, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

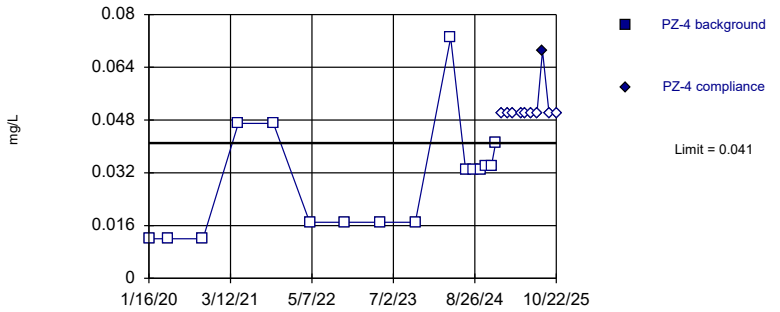
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

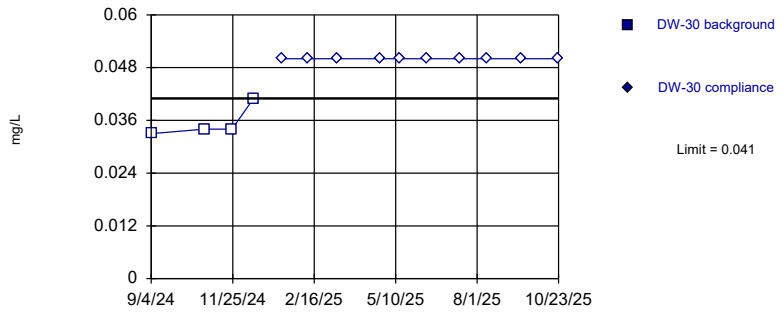
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

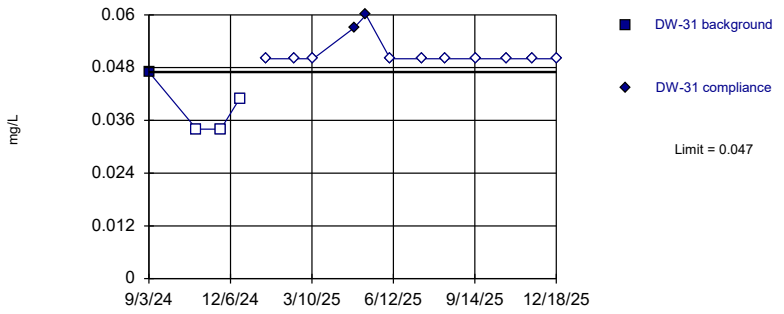
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

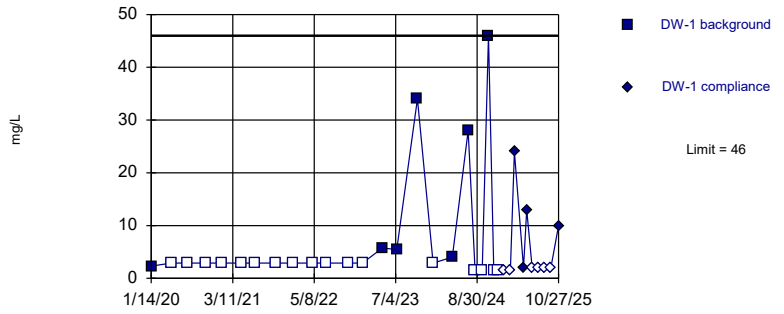
Constituent: Ammonia-N Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 70.83% NDs. Report alpha = 0.04. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

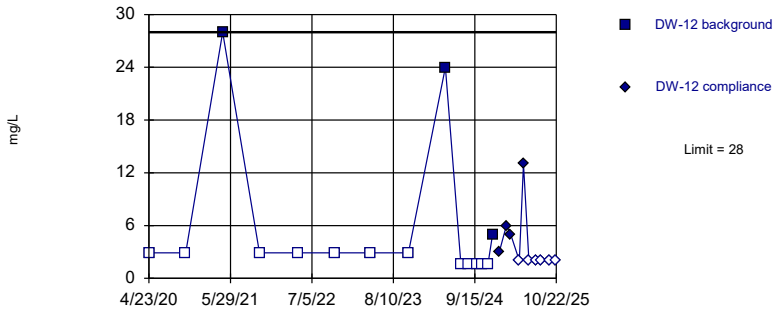
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 80% NDs. Report alpha = 0.0625. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

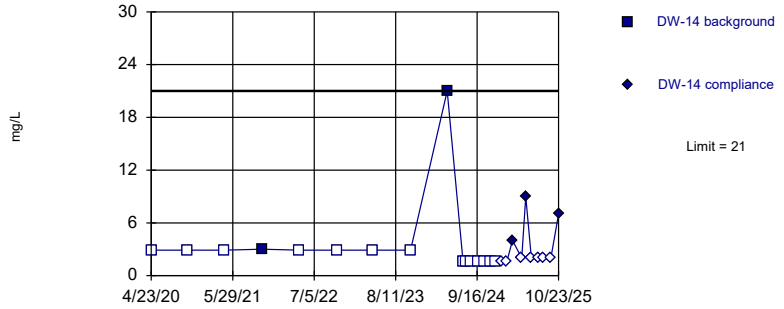
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

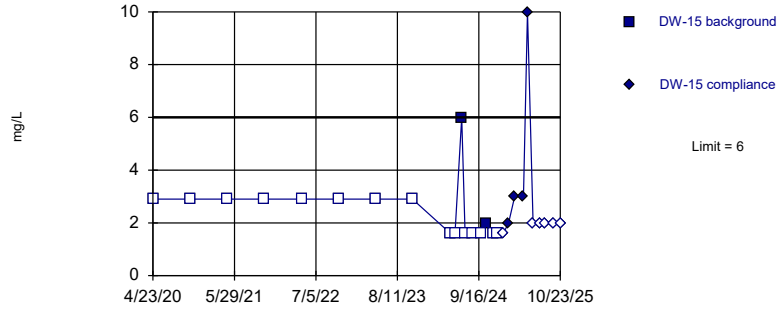
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

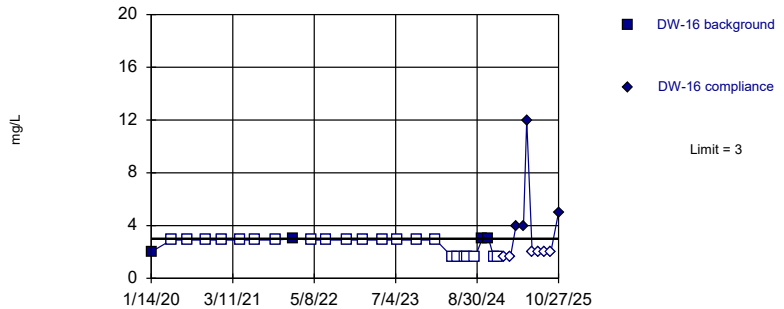
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

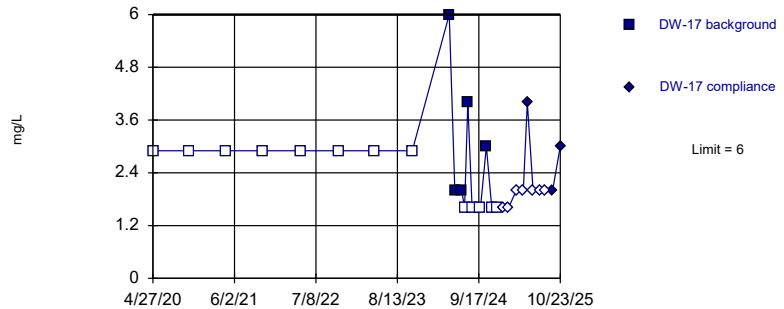
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

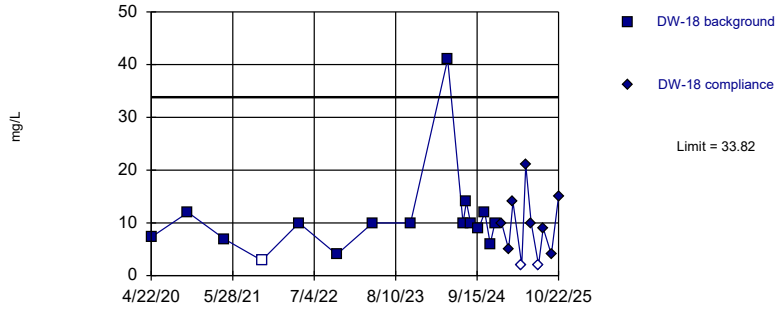
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=10.94, Std. Dev.=8.529, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

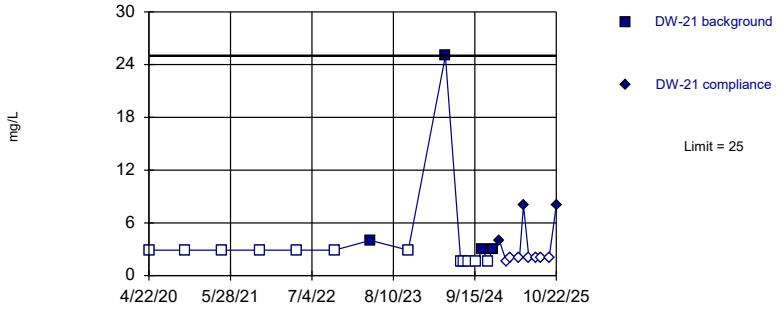
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

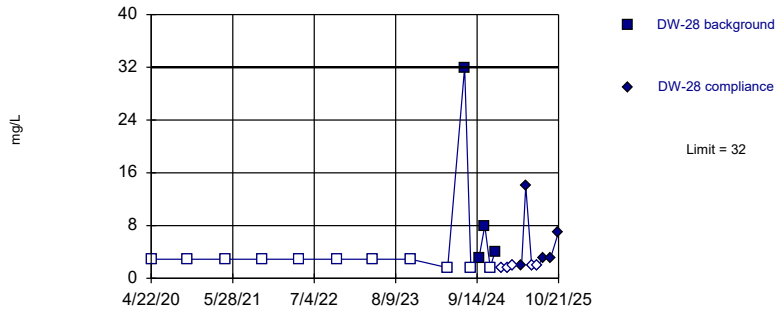
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 73.33% NDs. Report alpha = 0.0625. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

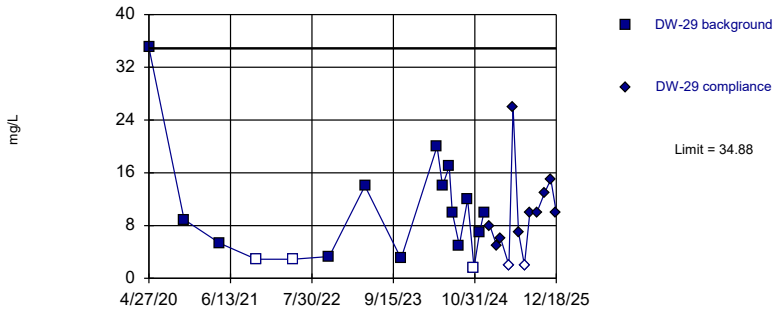
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Cohen`s Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

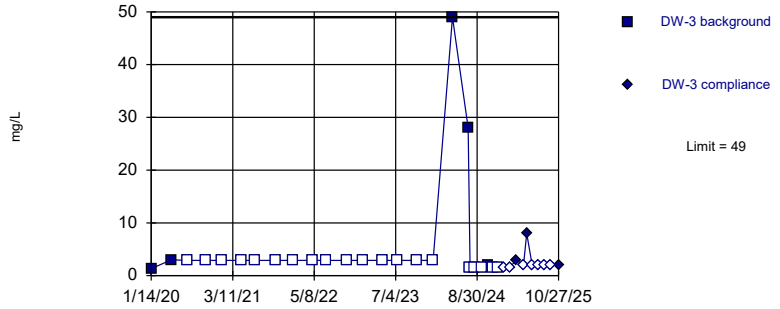
Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 25 background values. 80% NDs. Report alpha = 0.03846. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis

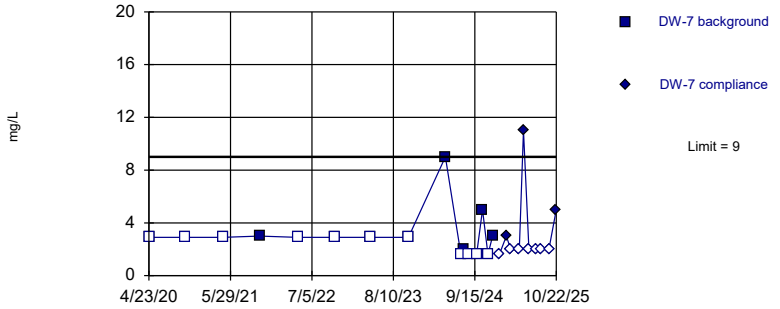
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 68.75% NDs. Report alpha = 0.05882. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis

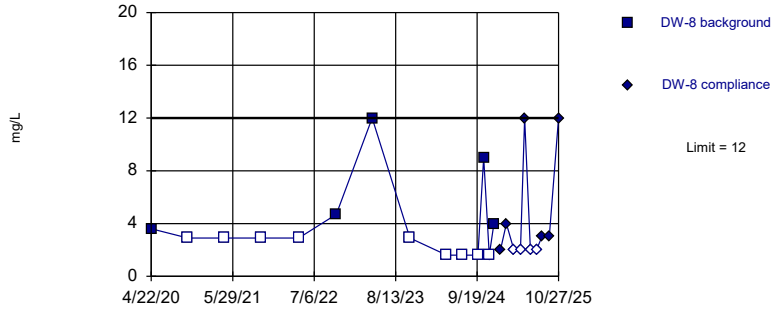
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Report alpha = 0.06667. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis

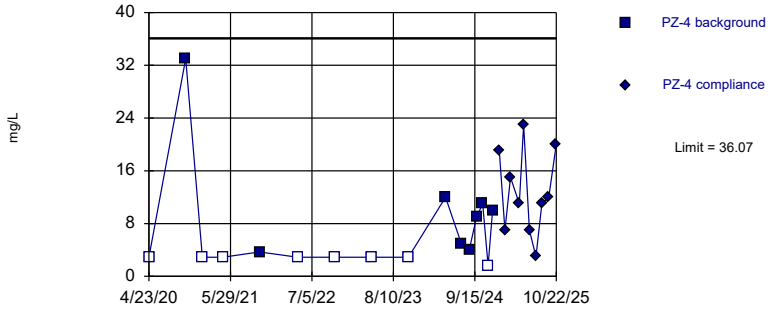
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Cohen`s Adjustment): Mean=1.541, Std. Dev.=12.87, n=16, 50% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis

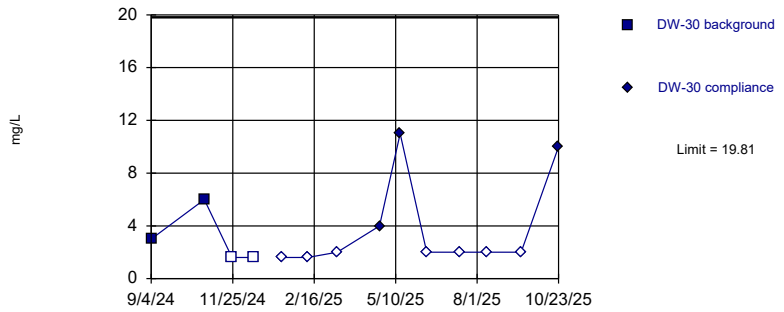
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Cohen`s Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis

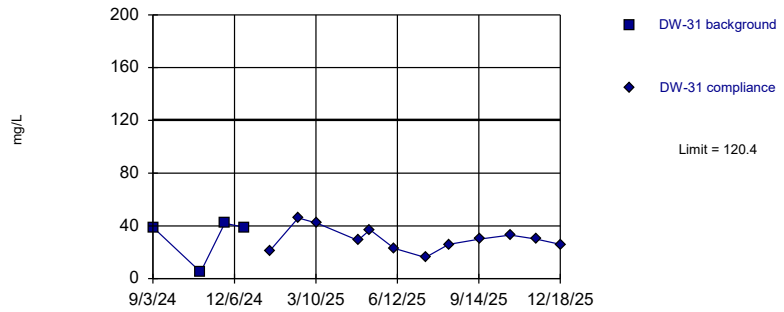
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 1/17/2026 7:21 PM View: Stat analysis

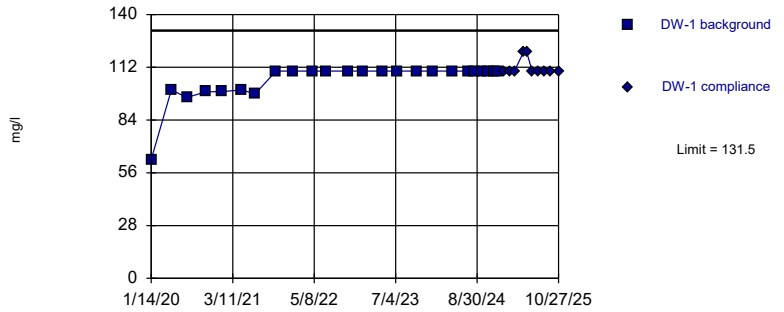
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=105.2, Std. Dev.=10.3, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis

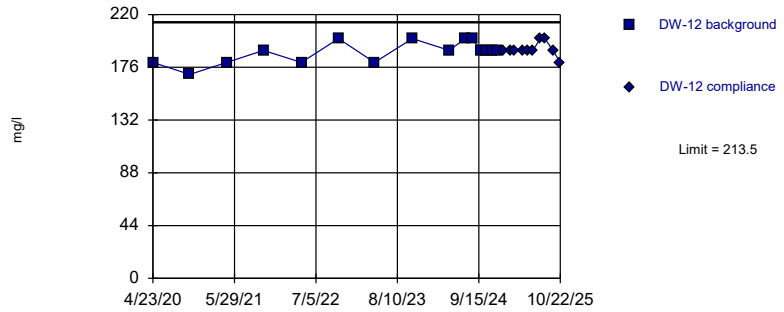
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=188.7, Std. Dev.=9.155, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis

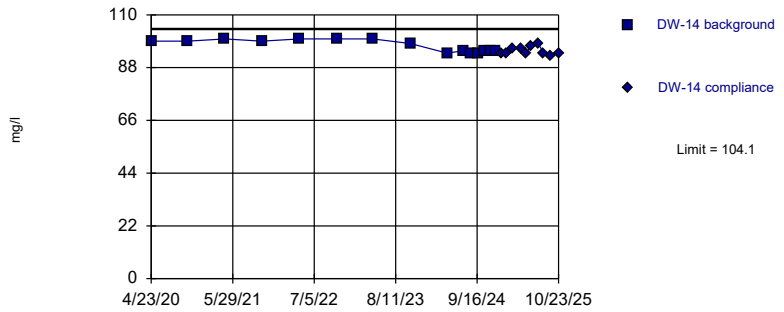
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=97.13, Std. Dev.=2.56, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

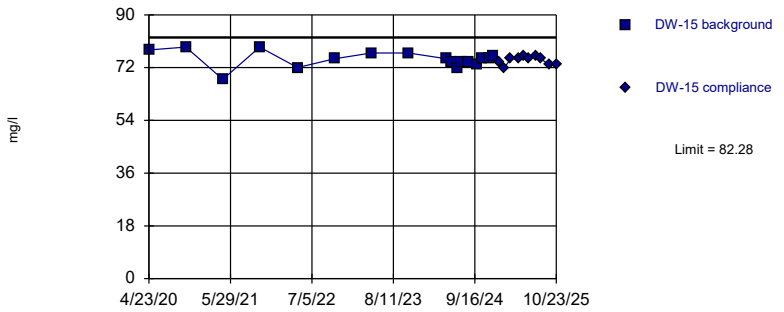
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=74.88, Std. Dev.=2.781, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

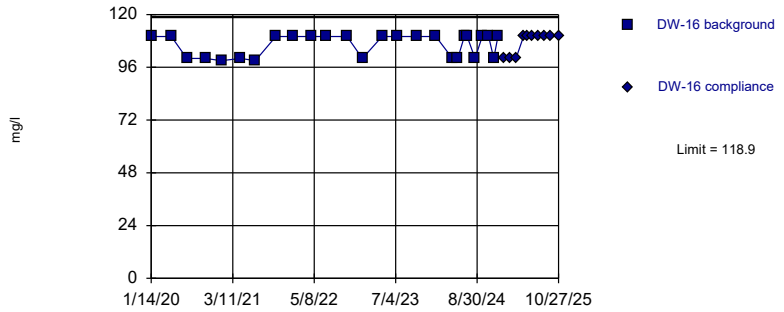
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

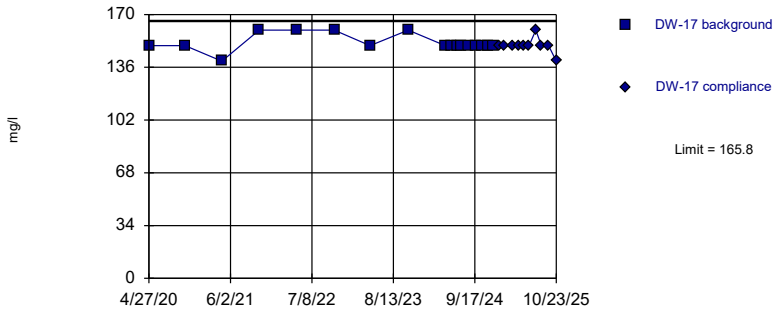
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

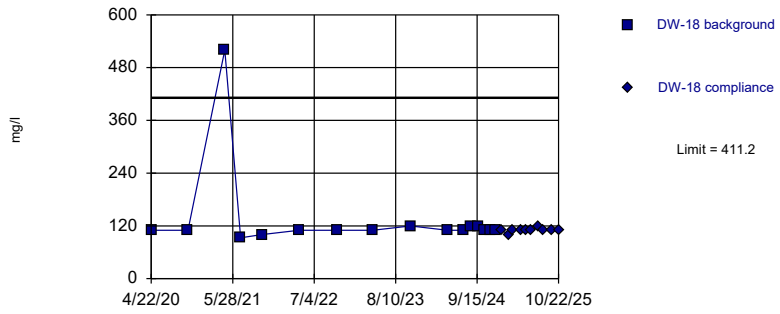
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=135.8, Std. Dev.=102.7, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

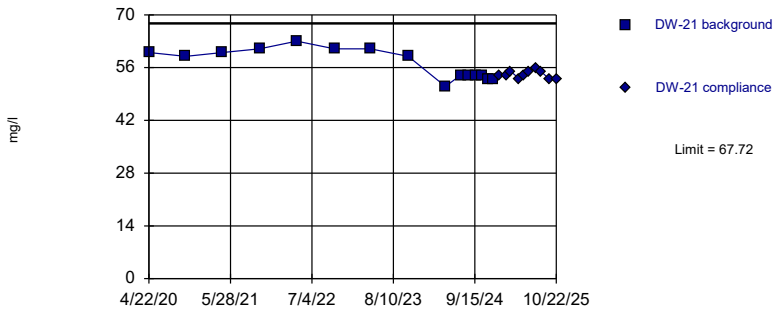
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=57.13, Std. Dev.=3.907, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

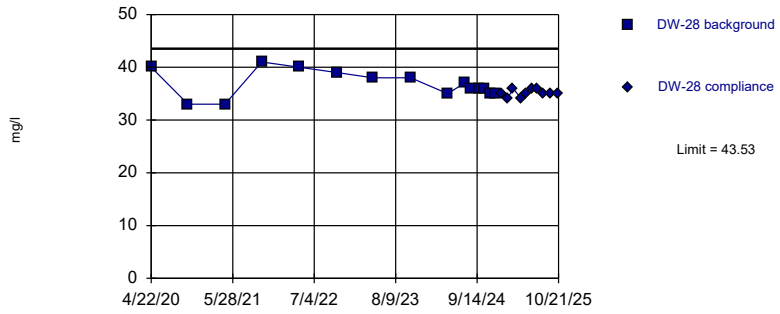
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=36.8, Std. Dev.=2.484, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

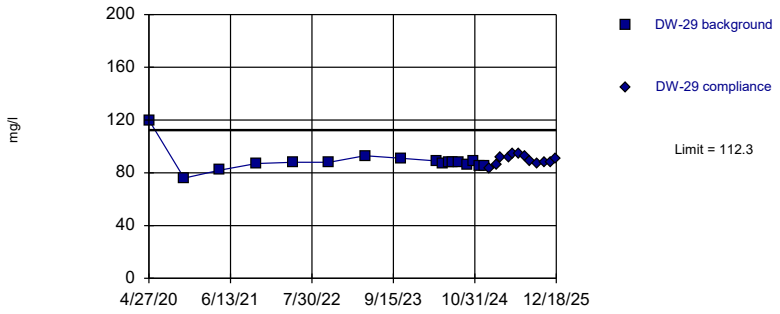
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=88.82, Std. Dev.=8.848, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

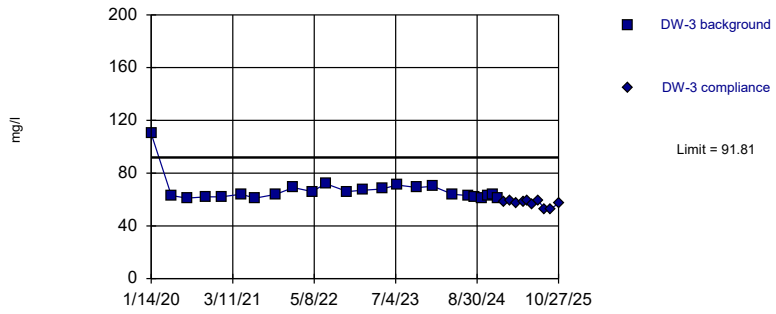
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=66.79, Std. Dev.=9.807, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

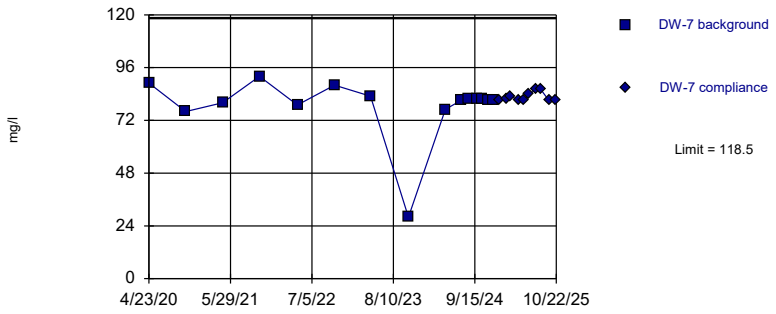
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=78.73, Std. Dev.=14.68, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

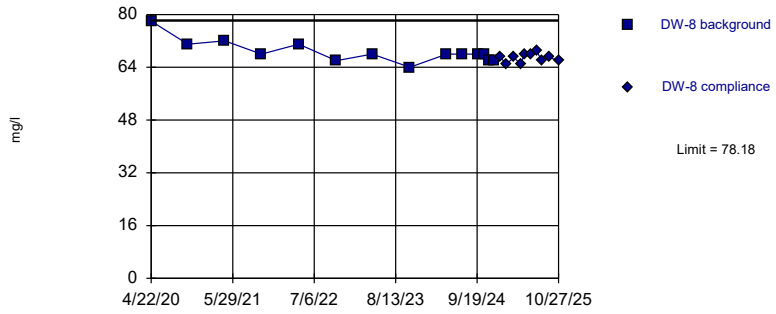
Constituent: Chloride Analysis Run 1/17/2026 7:21 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=68.71, Std. Dev.=3.451, n=14. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

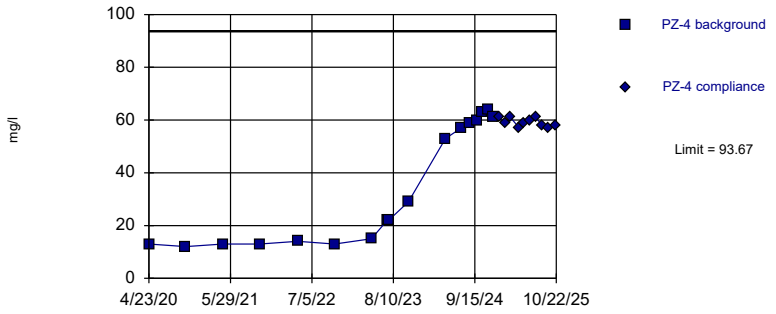
Constituent: Chloride Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=34.29, Std. Dev.=22.33, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

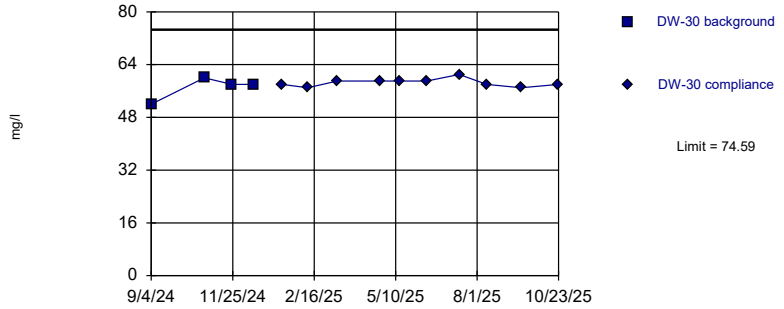
Constituent: Chloride Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

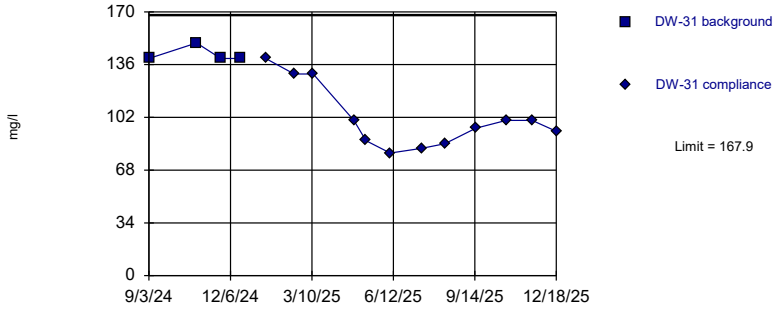
Constituent: Chloride Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

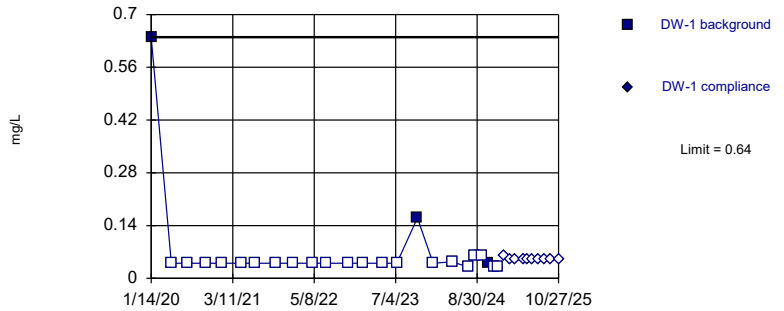
Constituent: Chloride Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 24 background values. 87.5% NDs. Report alpha = 0.04. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

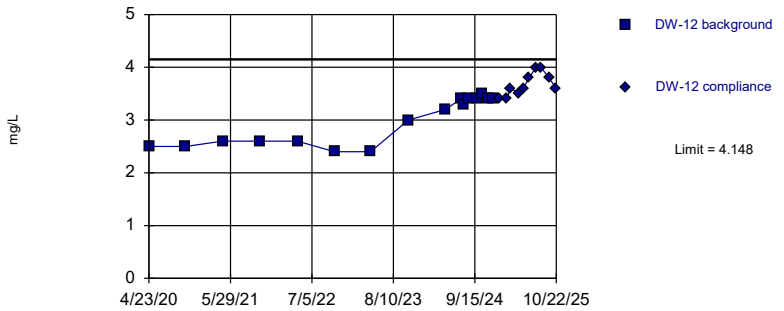
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.975, Std. Dev.=0.4374, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

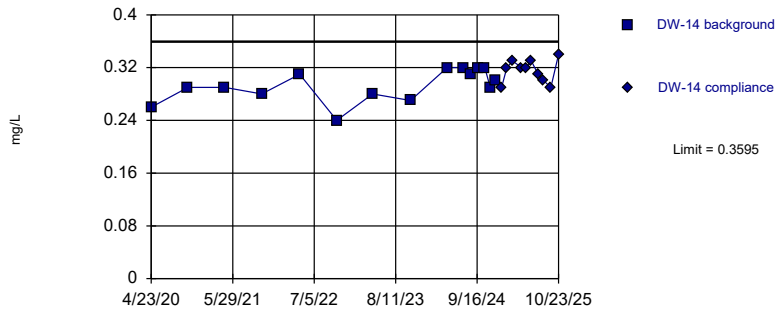
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.2933, Std. Dev.=0.0244, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

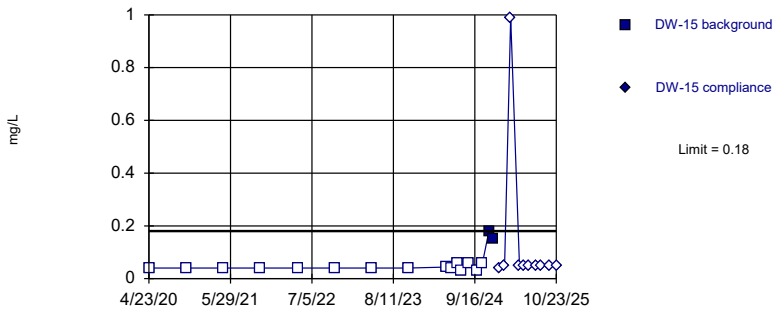
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

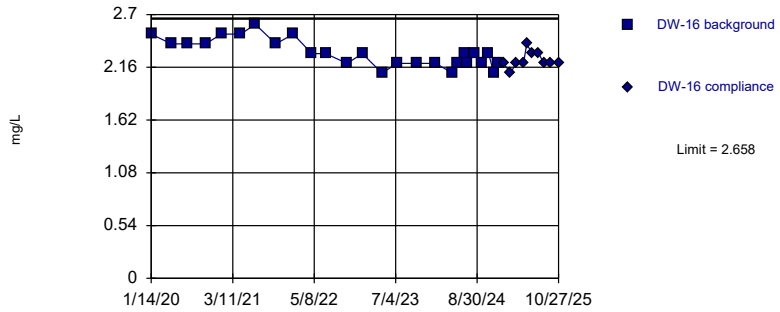
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

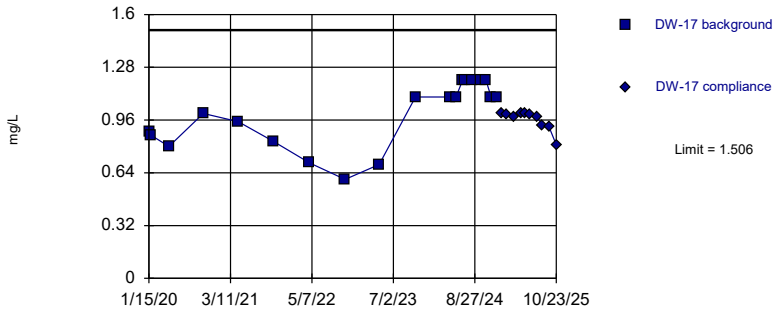
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

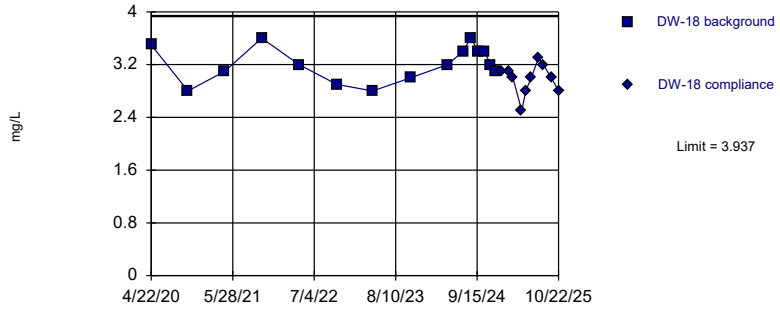
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.213, Std. Dev.=0.2669, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

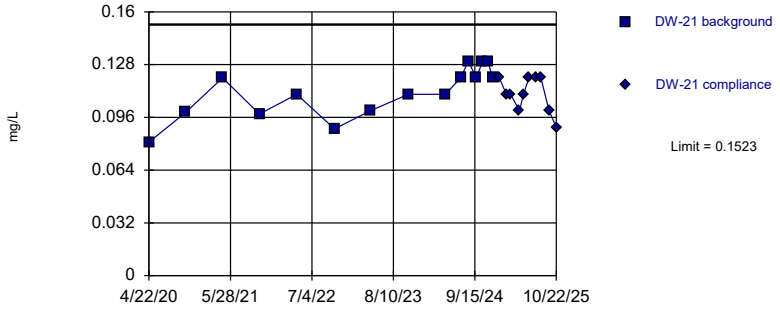
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.1111, Std. Dev.=0.01518, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

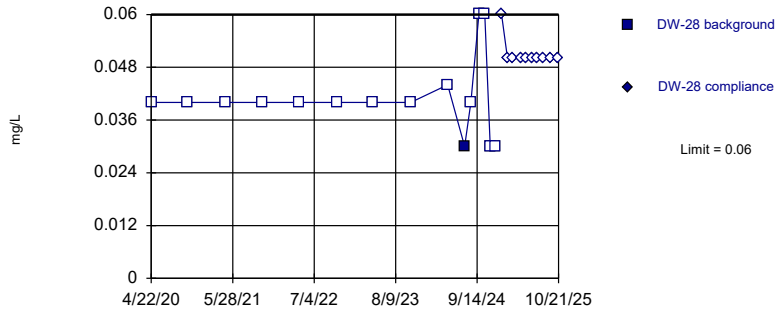
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Report alpha = 0.0625. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

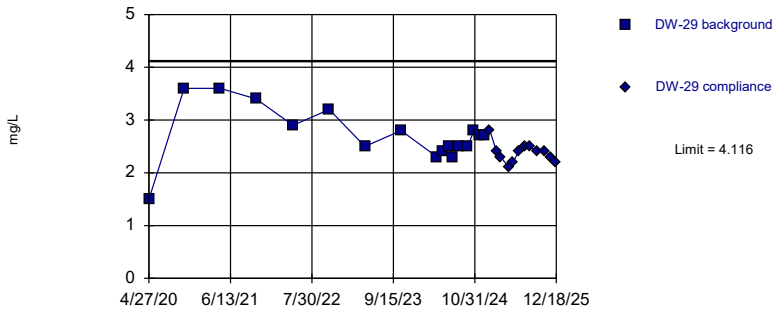
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.718, Std. Dev.=0.5259, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

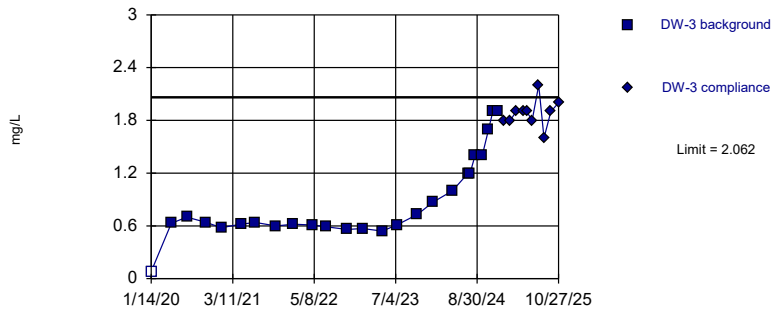
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.8756, Std. Dev.=0.467, n=25, 4% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

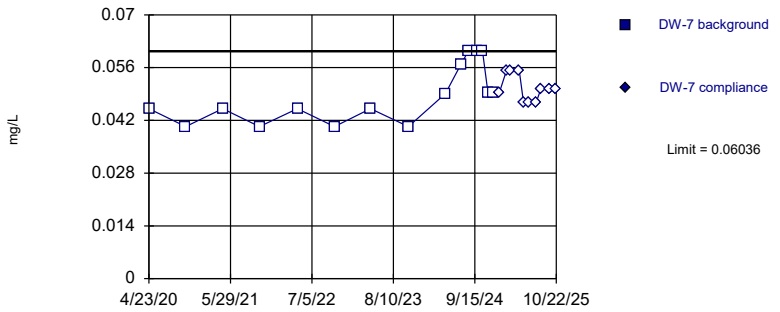
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 100% NDs. Report alpha = 0.0625. Most recent point compared to limit. Data were deseasonalized.

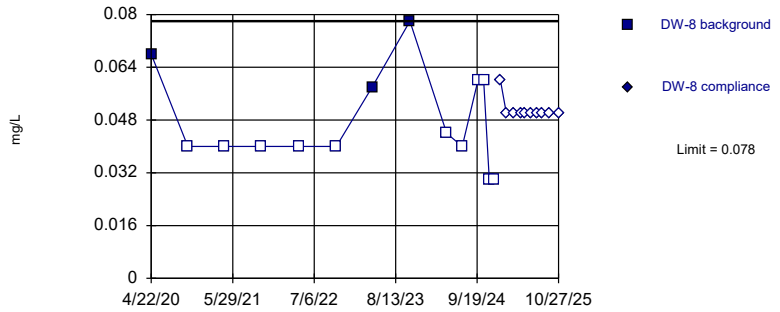
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Report alpha = 0.06667. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

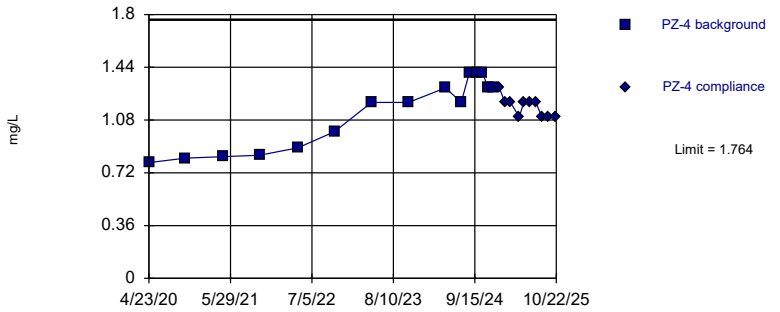
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.125, Std. Dev.=0.236, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

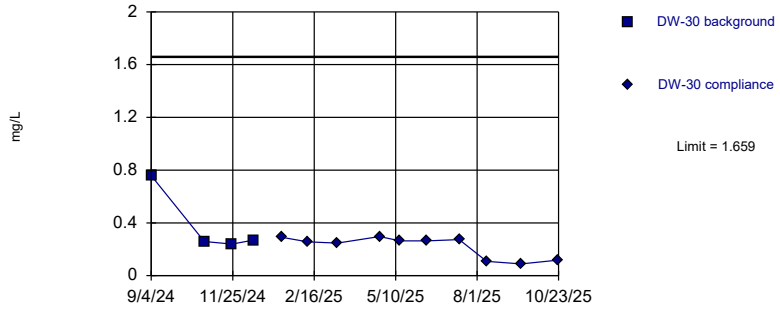
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.3816, Std. Dev.=0.2515, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

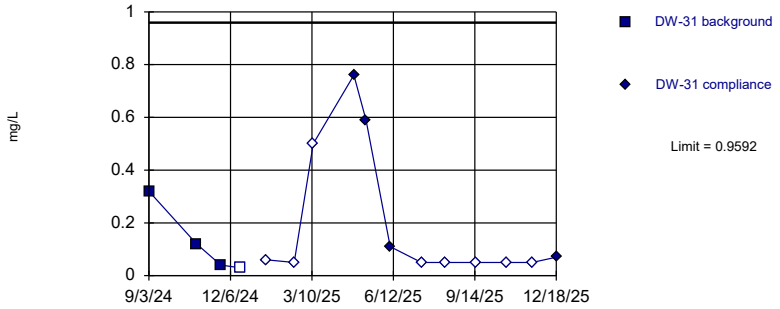
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Cohen`s Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

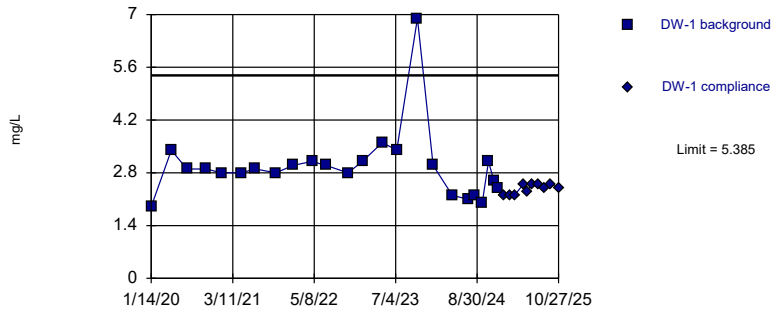
Constituent: Nitrate as N Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.954, Std. Dev.=0.9528, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

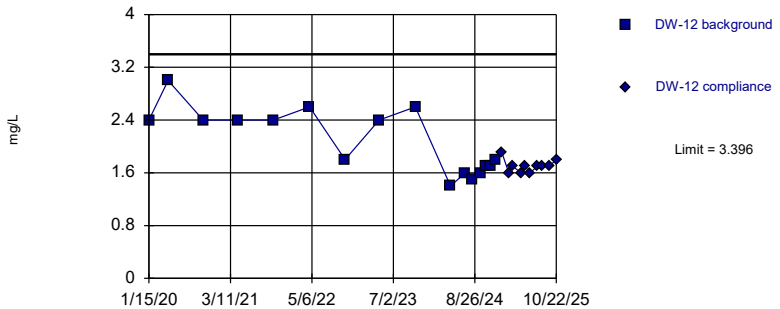
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.081, Std. Dev.=0.4902, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

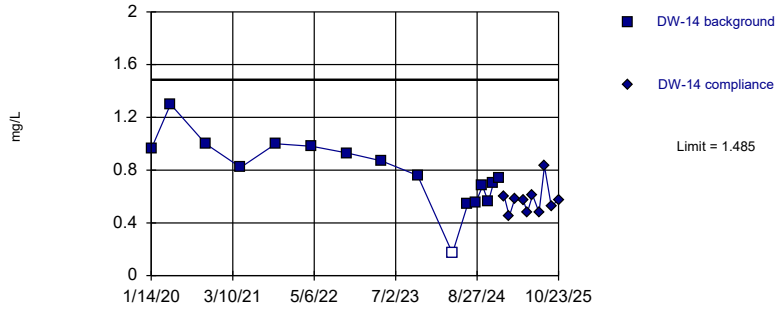
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.785, Std. Dev.=0.2609, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

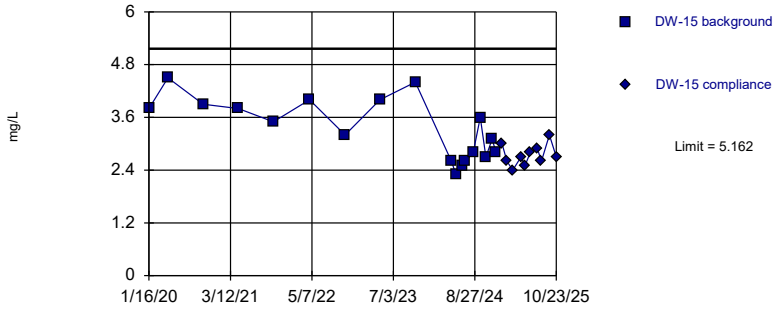
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.339, Std. Dev.=0.6912, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

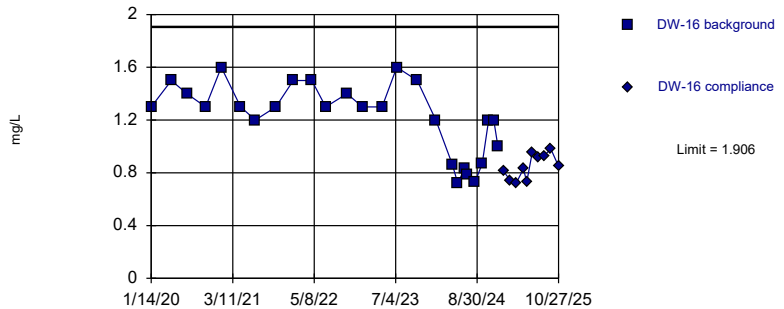
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

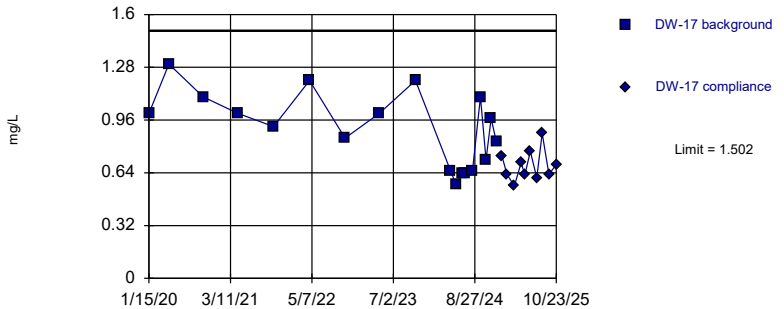
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9078, Std. Dev.=0.2253, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

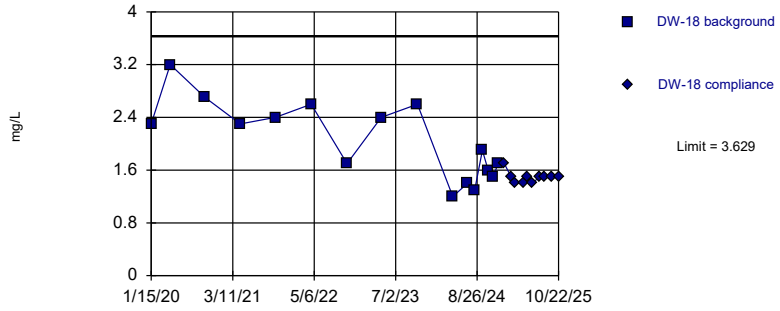
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.05, Std. Dev.=0.5888, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

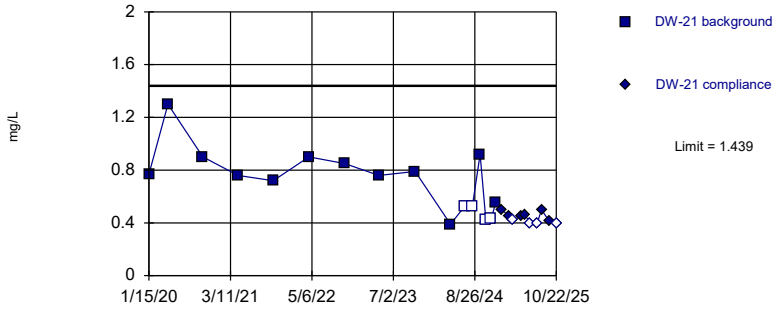
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary (after Cohen`s Adjustment): Mean=0.6896, Std. Dev.=0.2795, n=16, 25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

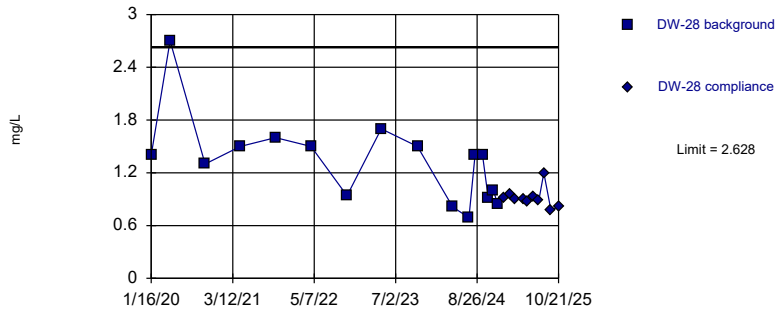
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.325, Std. Dev.=0.4856, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

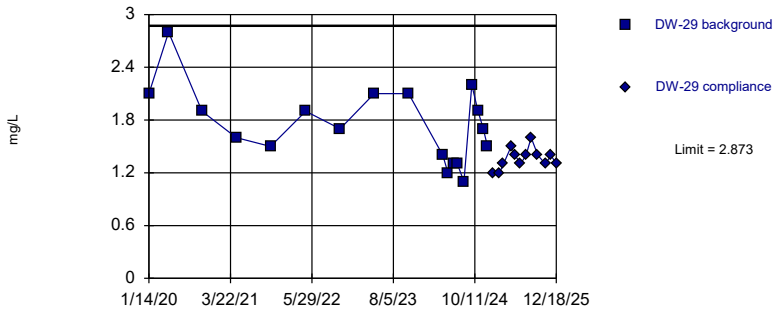
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

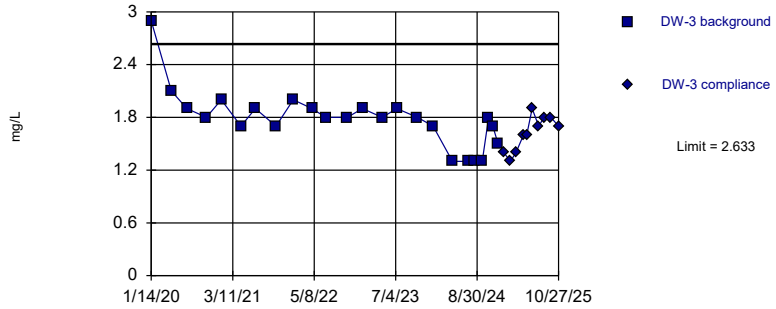
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.783, Std. Dev.=0.3332, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

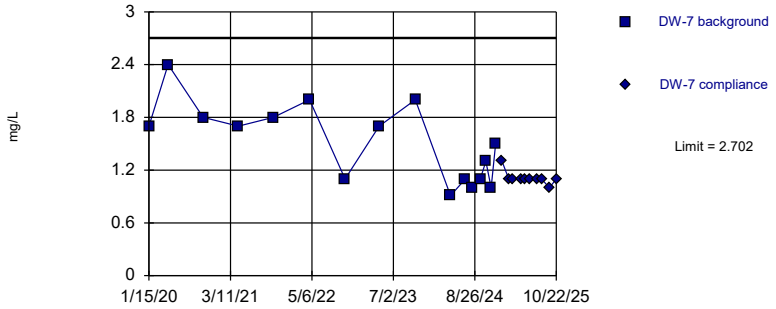
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.507, Std. Dev.=0.4455, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

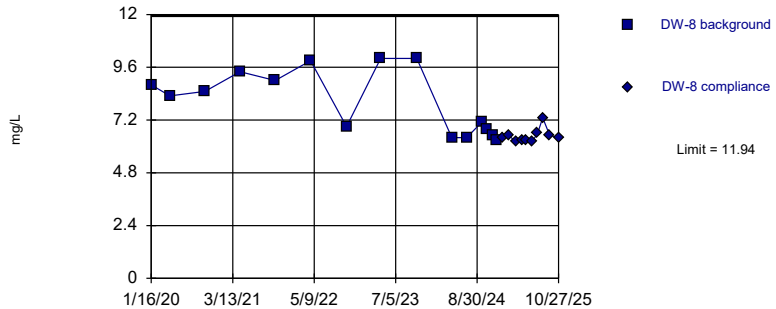
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=8.02, Std. Dev.=1.446, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

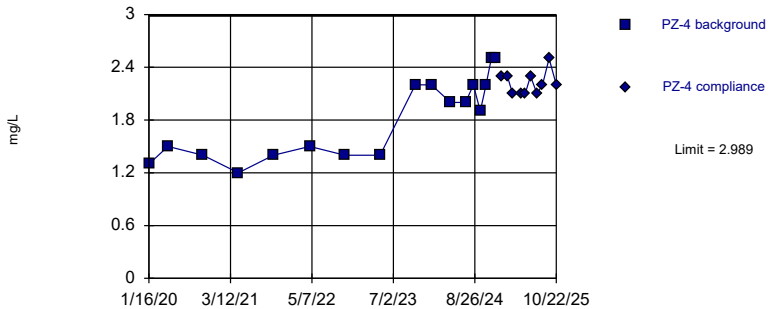
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.812, Std. Dev.=0.4428, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

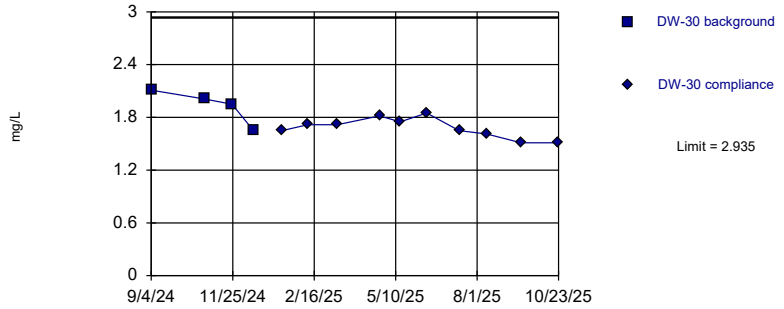
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.93, Std. Dev.=0.198, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

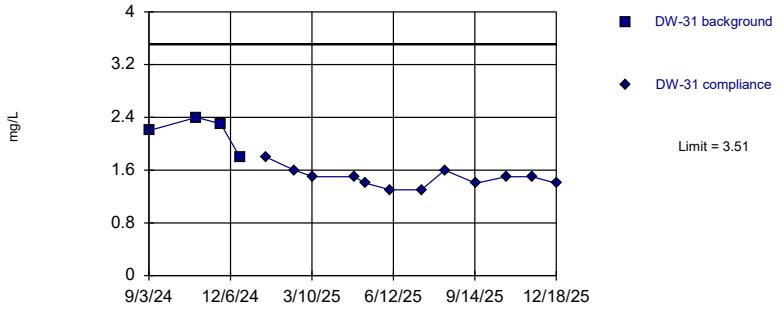
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.175, Std. Dev.=0.263, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

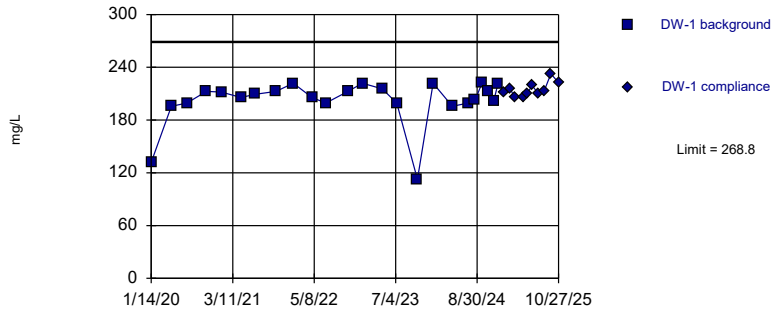
Constituent: Potassium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=201.9, Std. Dev.=26.24, n=24. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

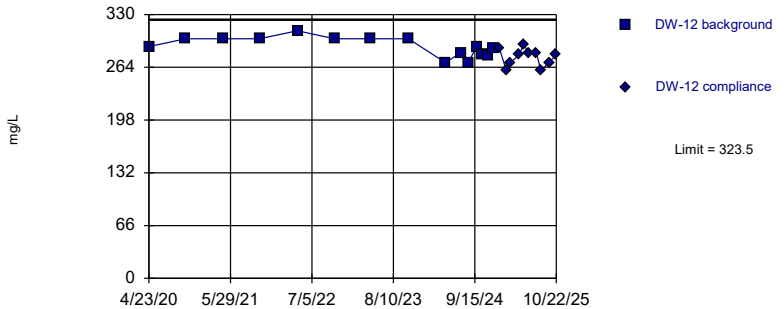
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=290.4, Std. Dev.=12.22, n=15. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

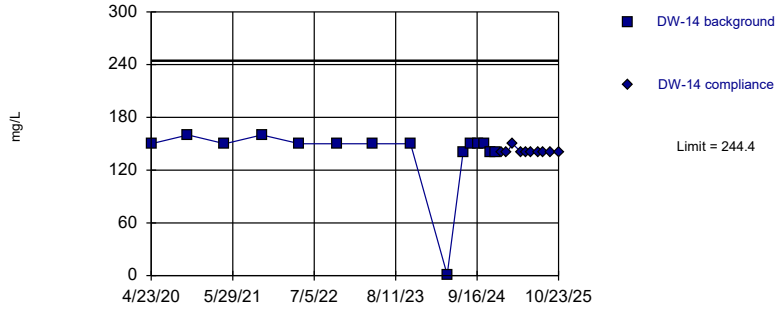
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=139.4, Std. Dev.=38.75, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

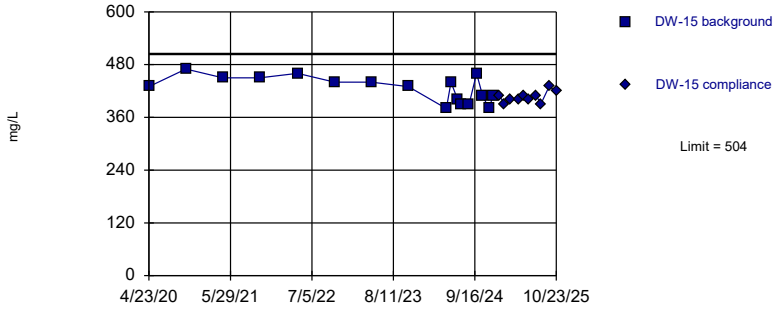
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

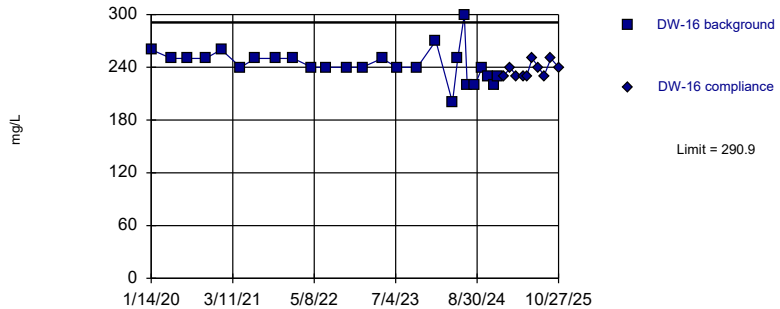
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

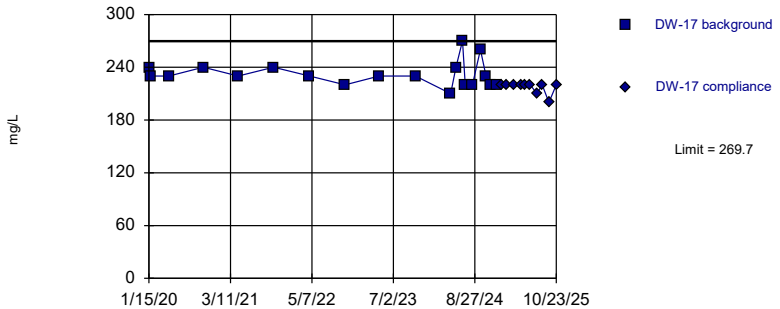
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

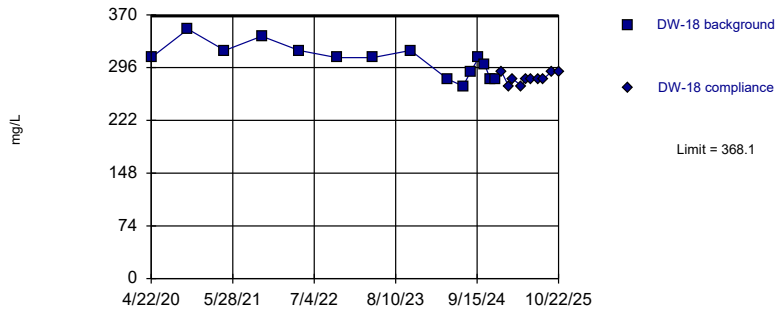
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=306, Std. Dev.=22.93, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

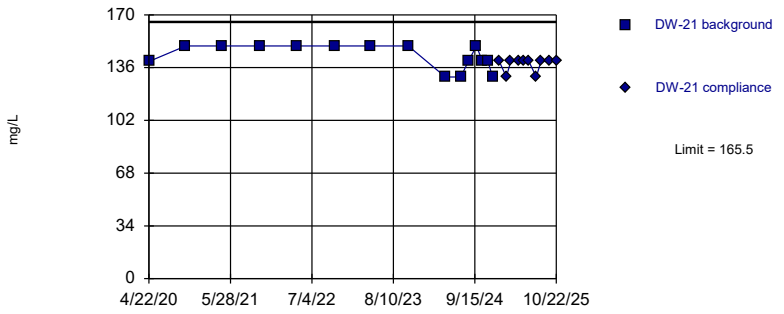
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=143.3, Std. Dev.=8.165, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

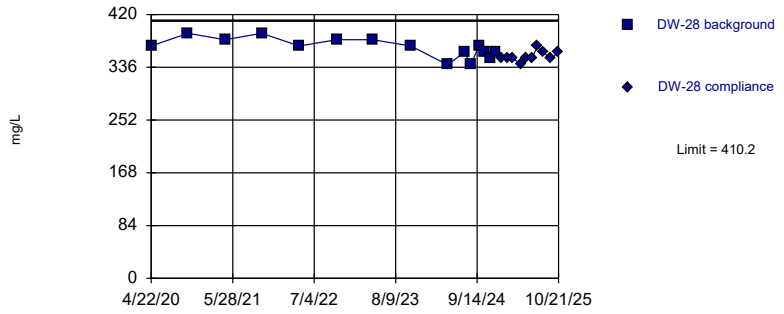
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=367.3, Std. Dev.=15.8, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

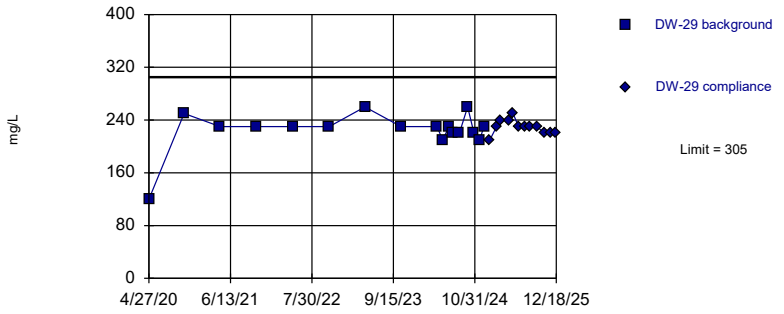
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

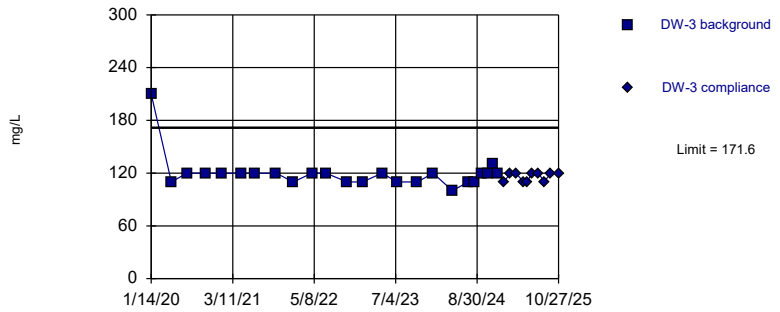
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=120, Std. Dev.=20.22, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

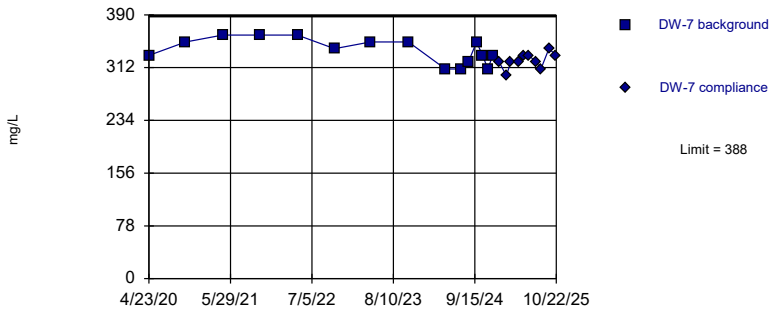
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=337.3, Std. Dev.=18.7, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

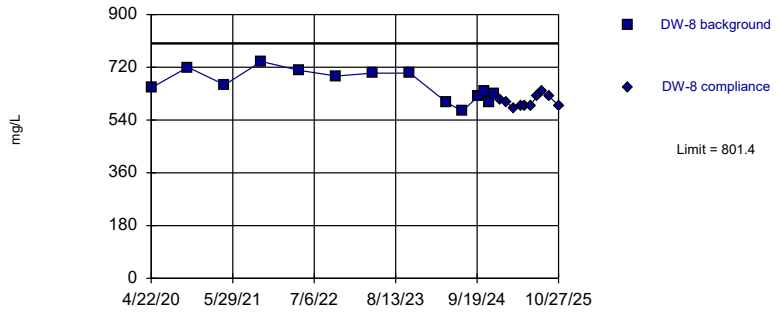
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=659.3, Std. Dev.=51.81, n=14. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

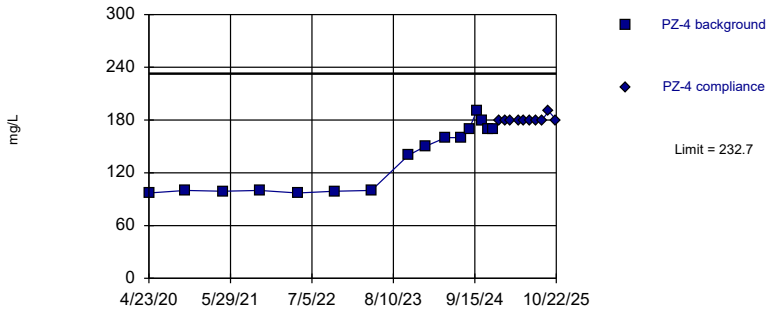
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=136.4, Std. Dev.=35.92, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

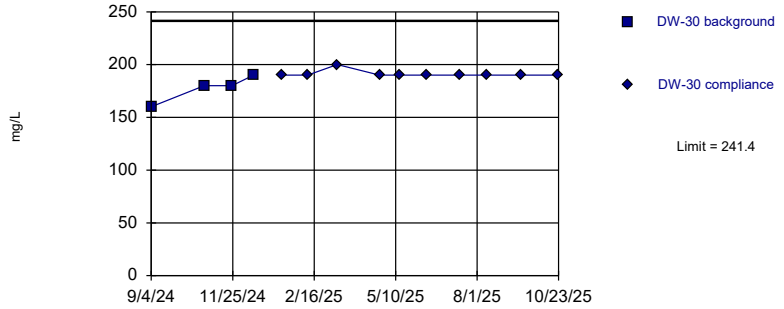
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

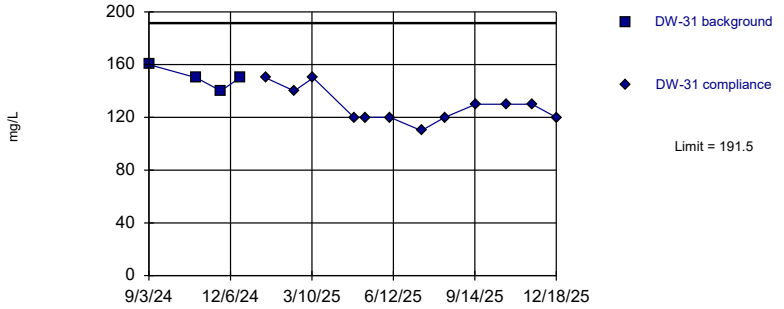
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

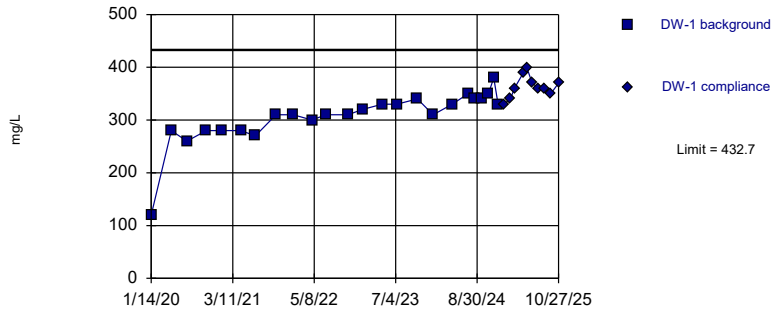
Constituent: Sodium Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=306.7, Std. Dev.=49.4, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

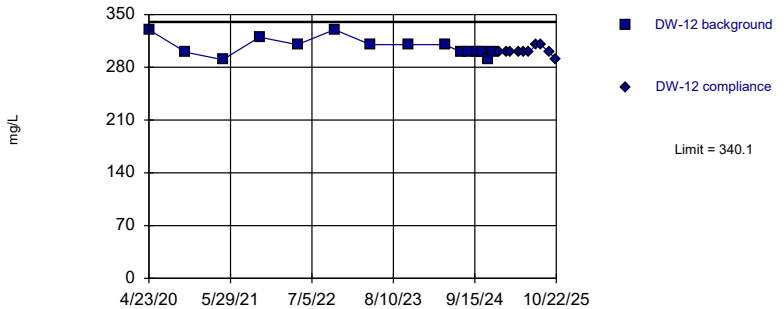
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=306.7, Std. Dev.=12.34, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

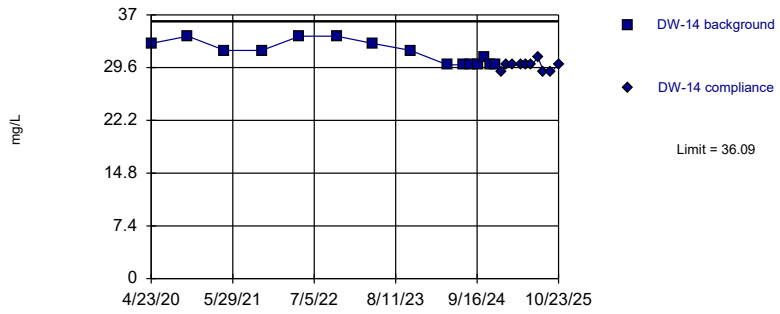
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=31.67, Std. Dev.=1.633, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

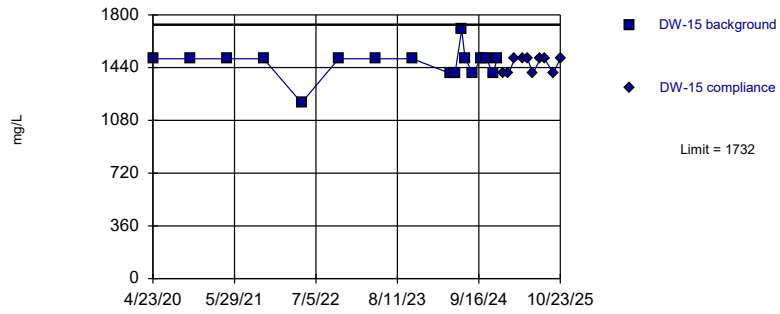
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

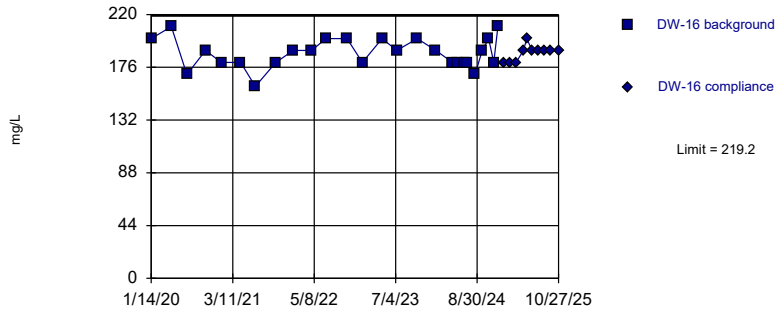
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

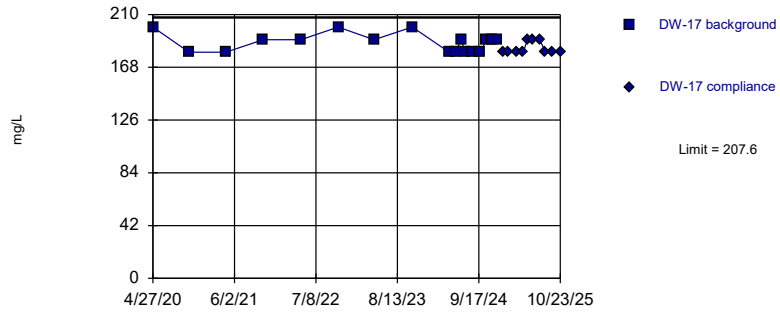
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=187.6, Std. Dev.=7.524, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

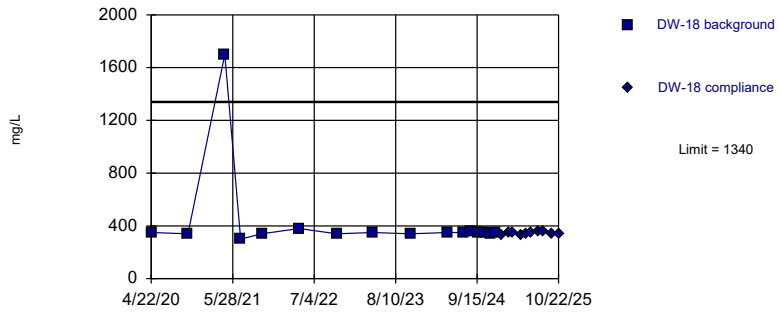
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=430.6, Std. Dev.=338.9, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

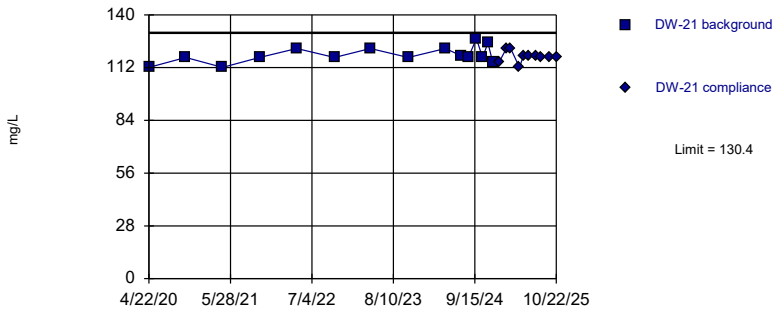
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=118.7, Std. Dev.=4.319, n=15. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

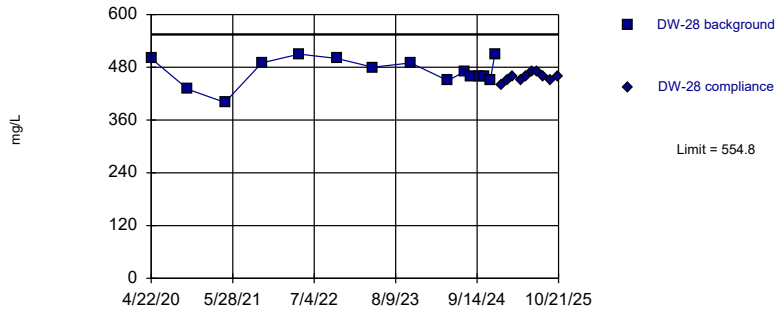
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=470.7, Std. Dev.=31.05, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

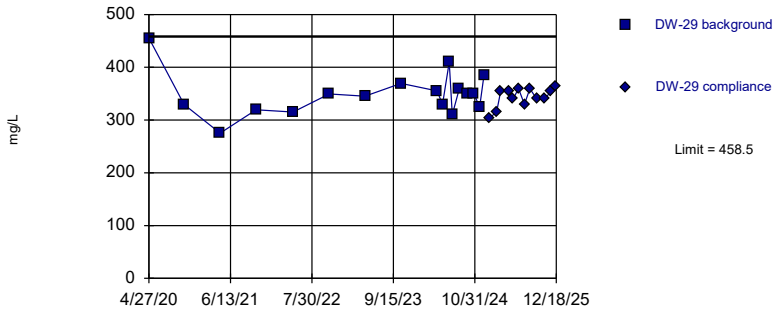
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=348.9, Std. Dev.=41.2, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

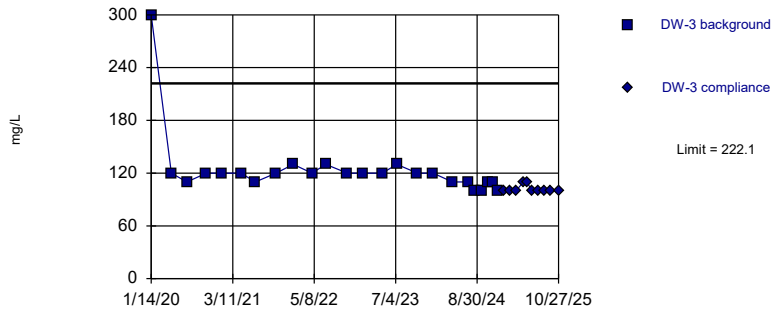
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=123.8, Std. Dev.=38.54, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

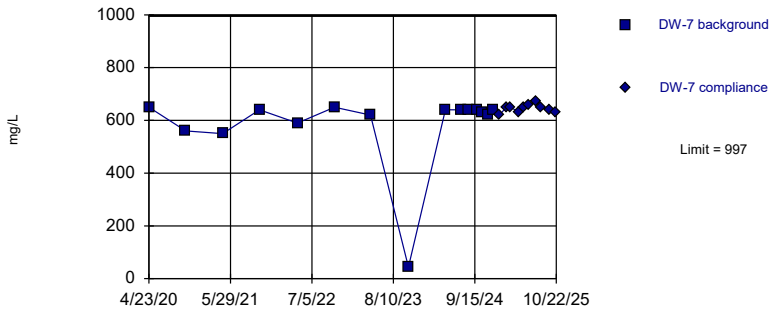
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=583.6, Std. Dev.=152.5, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

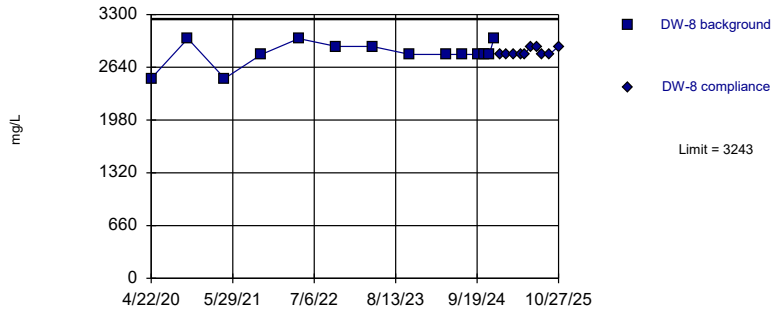
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2814, Std. Dev.=156.2, n=14. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

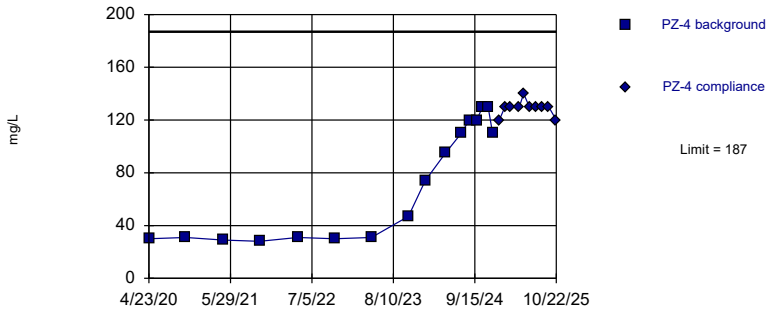
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=71.63, Std. Dev.=43, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

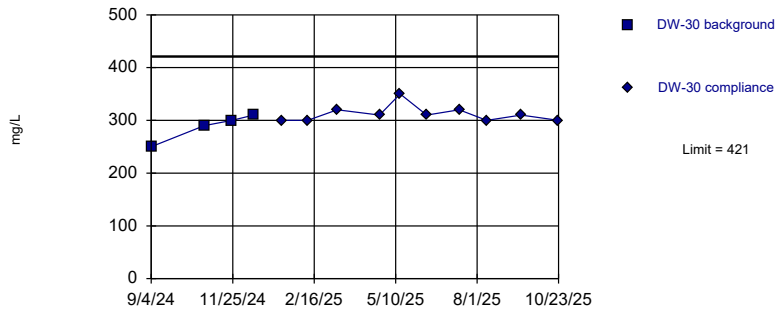
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

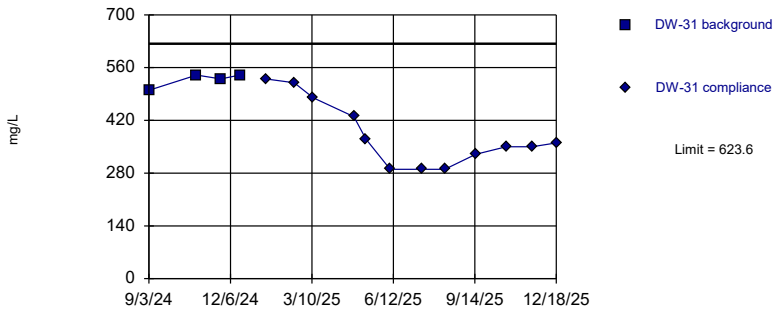
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

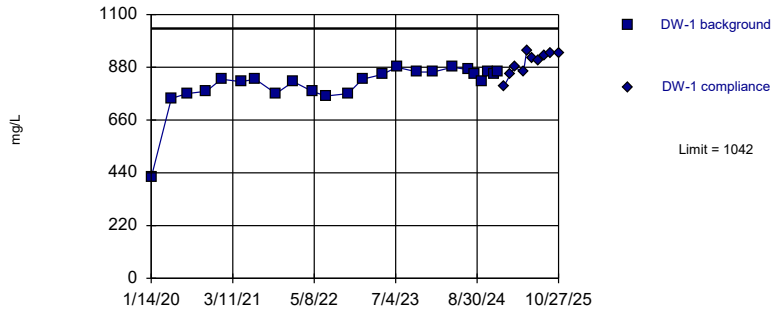
Constituent: Sulfate Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=807.1, Std. Dev.=91.91, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

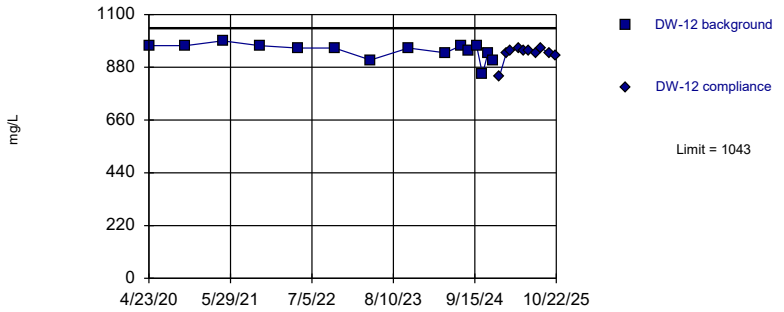
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=948, Std. Dev.=35.09, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

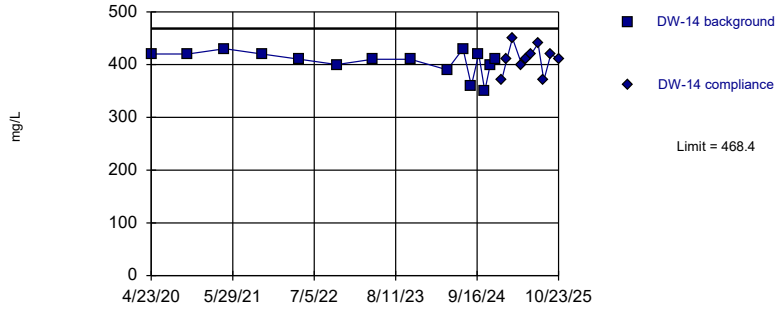
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=405.3, Std. Dev.=23.26, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

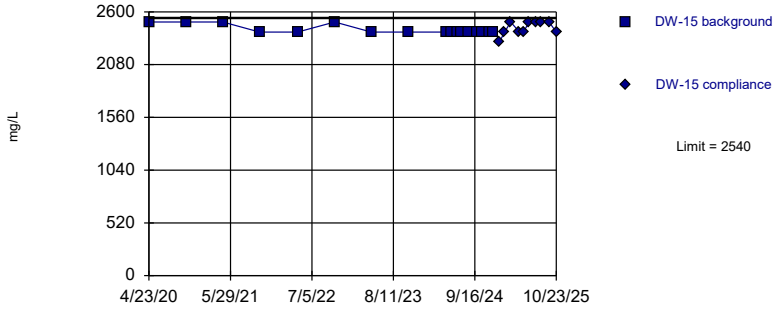
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

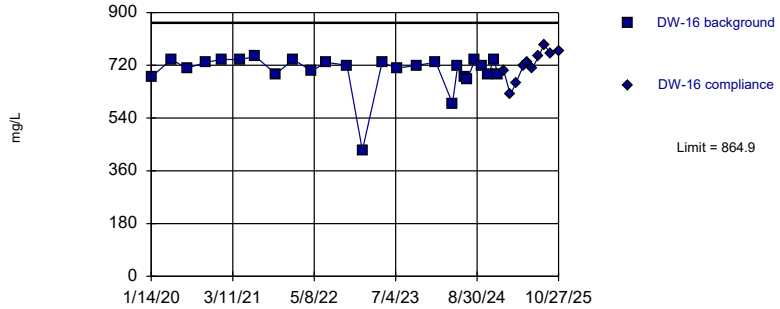
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:22 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

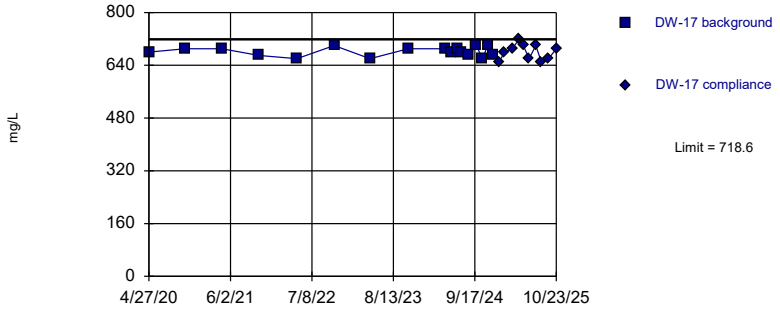
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



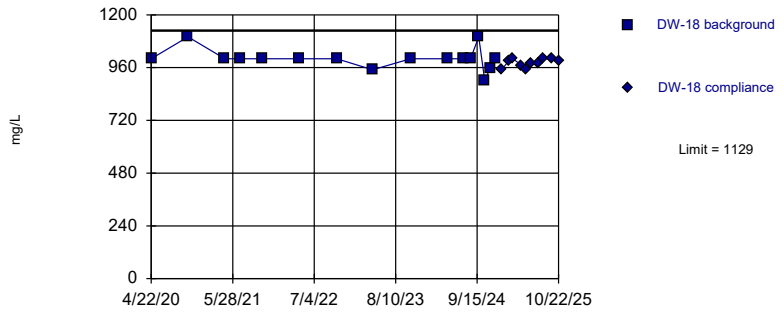
Background Data Summary: Mean=681.2, Std. Dev.=14.09, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1001, Std. Dev.=47.68, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

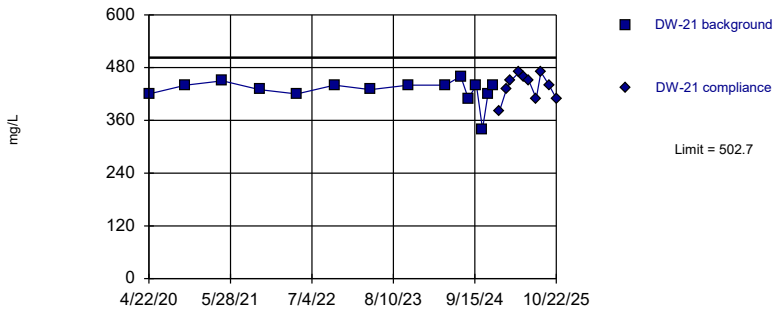
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=428, Std. Dev.=27.57, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

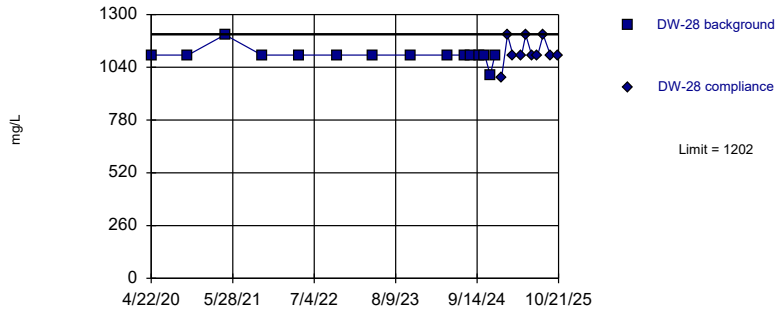
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1100, Std. Dev.=37.8, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

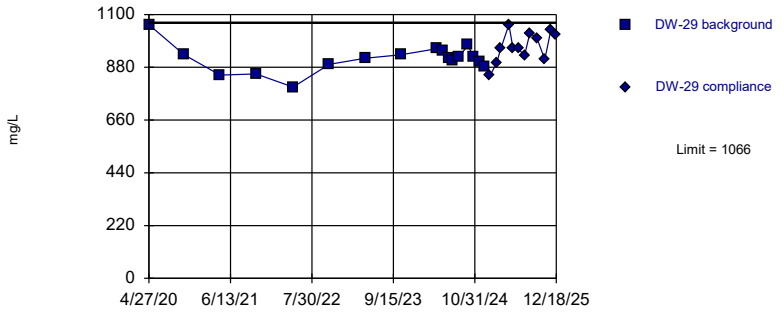
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=915.6, Std. Dev.=56.52, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

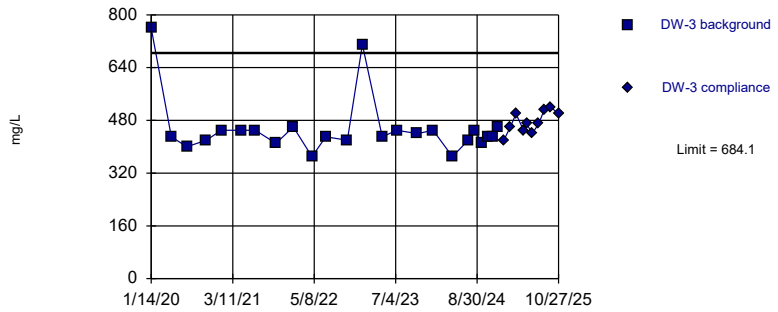
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=454.2, Std. Dev.=90.12, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

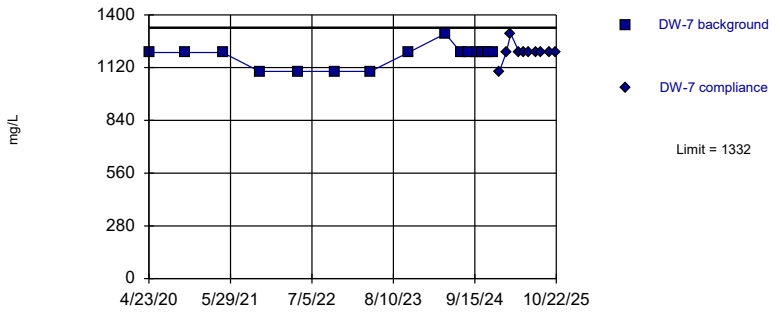
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1180, Std. Dev.=56.06, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

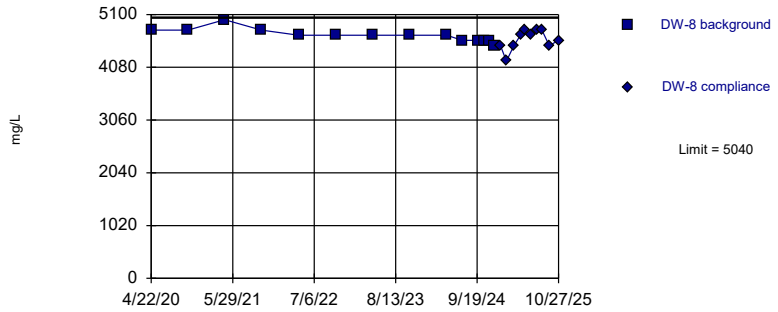
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=4700, Std. Dev.=124, n=14. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

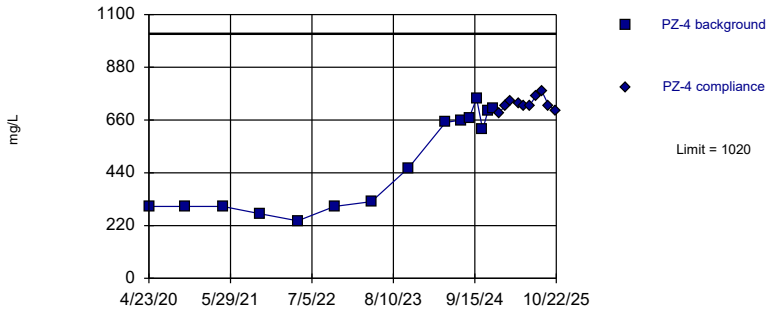
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=483.3, Std. Dev.=197.9, n=15. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

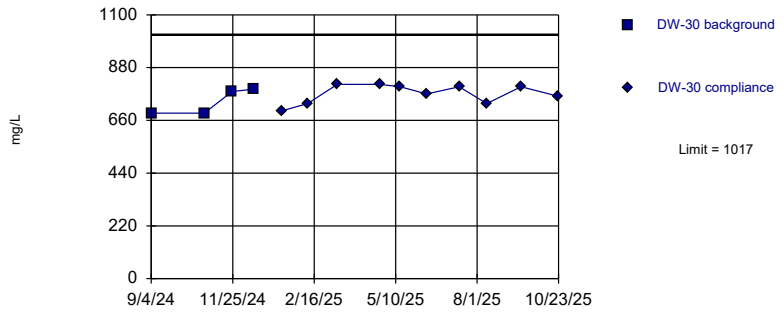
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

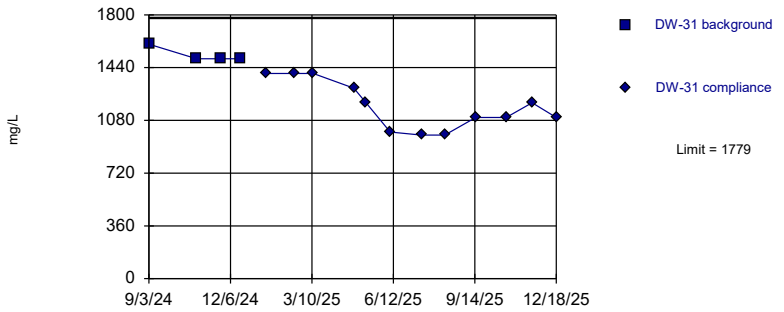
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

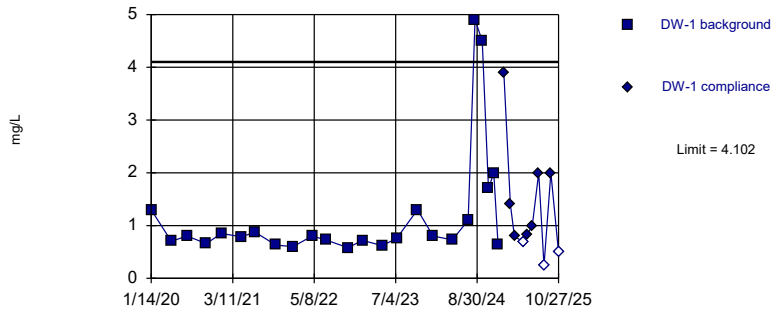
Constituent: Total Dissolved Solids Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.211, Std. Dev.=1.133, n=24. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

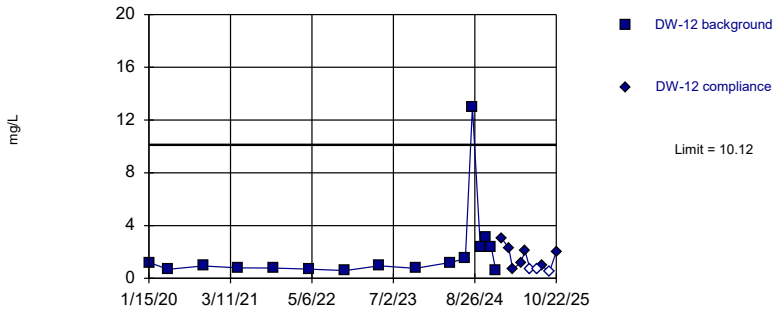
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.975, Std. Dev.=3.034, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

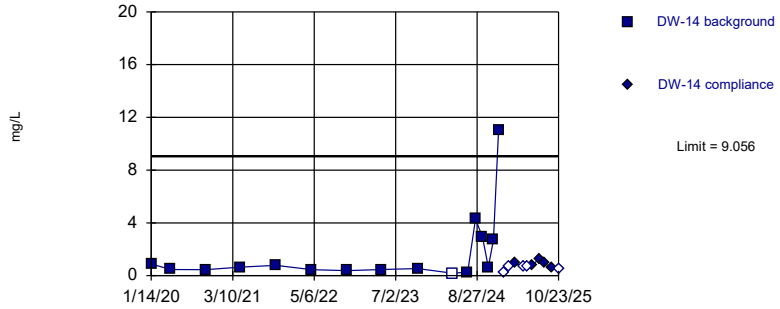
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.69, Std. Dev.=2.746, n=16, 6.25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

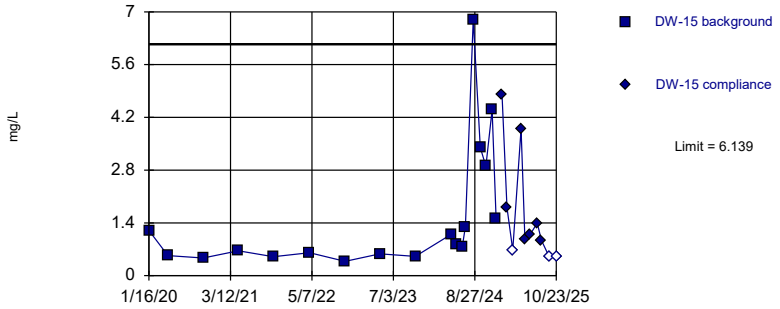
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

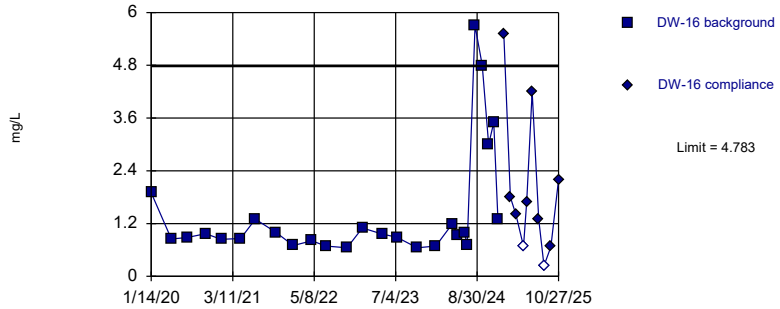
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

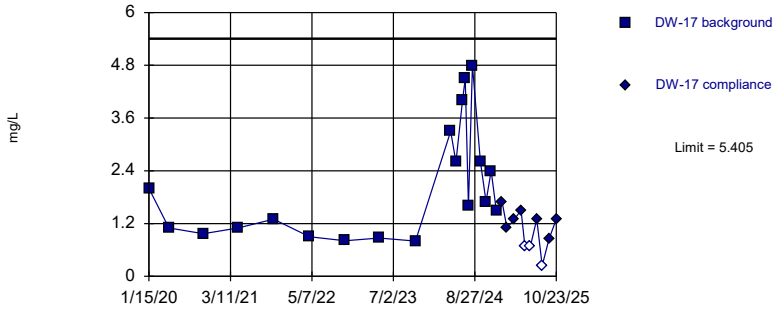
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

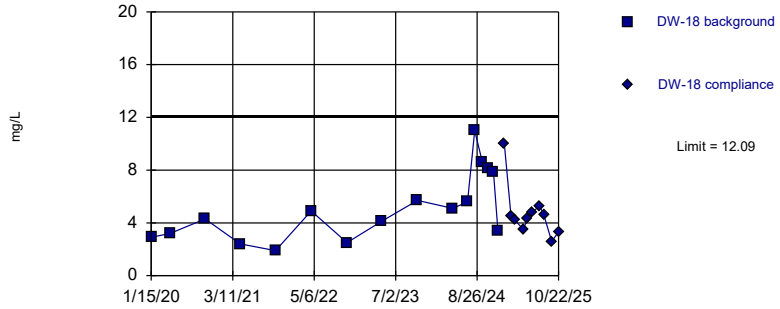
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.1, Std. Dev.=2.605, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

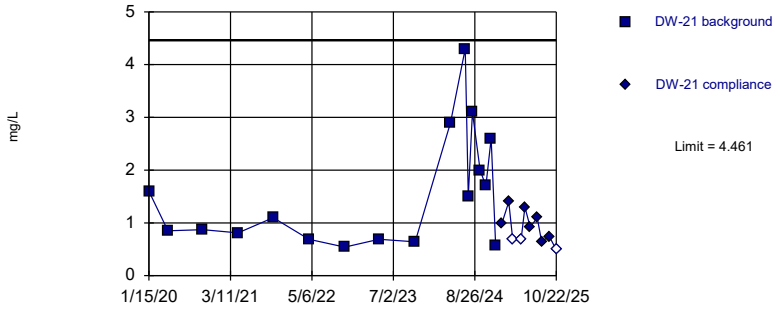
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.557, Std. Dev.=1.092, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

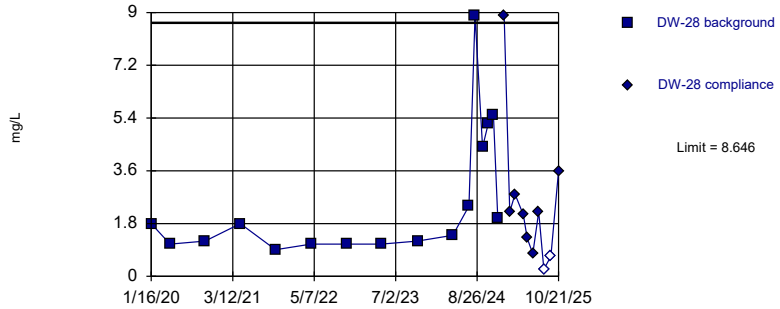
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.569, Std. Dev.=2.265, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

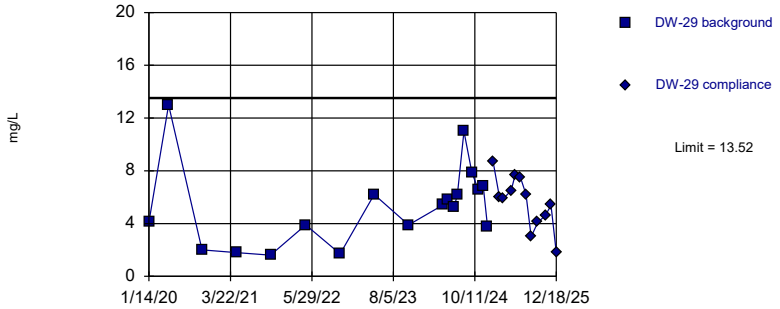
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

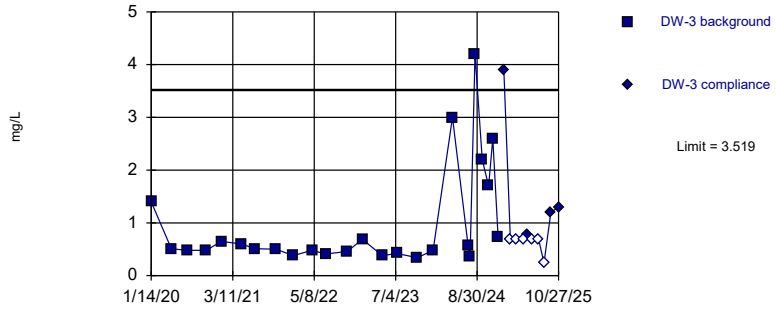
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.9808, Std. Dev.=0.9987, n=25. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

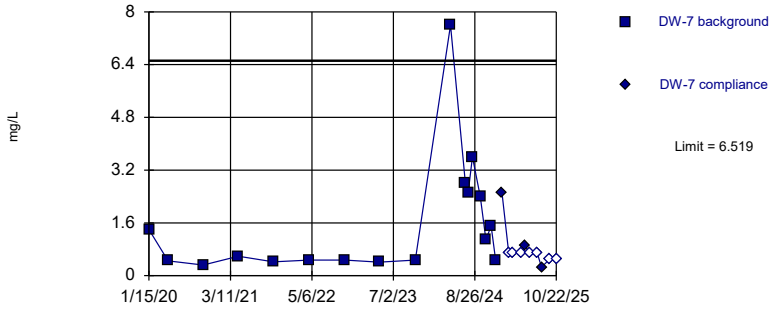
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.586, Std. Dev.=1.855, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

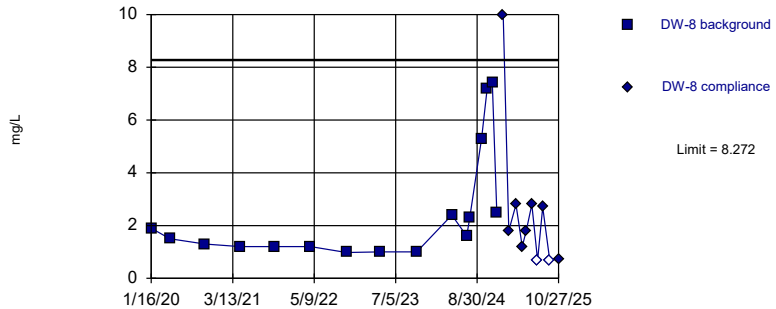
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=2.499, Std. Dev.=2.152, n=16. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

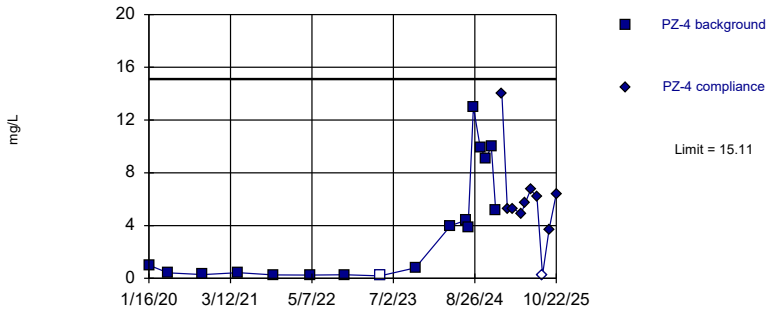
Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=3.729, Std. Dev.=4.282, n=17, 5.882% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 1/17/2026 7:23 PM View: Stat analysis
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

APPENDIX D

LABORATORY ANALYTICAL REPORTS

APPENDIX D-1

GROUNDWATER SAMPLE

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537395
Report Level : II
Report Date : 07/28/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	537395 GW MONITORING Chiquita Canyon Landfill / Quarterly MPars 07/10/25

Sample ID	Lab ID	Collected	Matrix
DW-28	537395-001	07/10/25 08:27	Water
DW-8	537395-002	07/10/25 09:43	Water
DW-9	537395-003	07/10/25 10:52	Water
DW-29	537395-004	07/10/25 11:54	Water
QCFB	537395-005	07/10/25 08:31	Water
QCTB	537395-006	07/10/25 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 537395 Project No: GW MONITORING Location: Chiquita Canyon Landfill / Quarterly MPars Date Received: 07/10/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 07/11/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS for batch 376662; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Ammonia-N was detected between the MDL and the RL in the method blank for batch 376662.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 537395

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

IR11 2.6/2.7

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-28	7/10/25	827	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-8		943				X	X	X	X	X	X	X	X	X
3	DW-9		1052				X	X	X	X	X	X	X	X	X
4	DW-29		1154				X	X	X	X	X	X	X	X	X
5	QCFB		831		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Login 537395

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	7/10/25 1305
[1] Received By:		Alice Tahmasian	EA/NH	7/10/25 13:05
[2] Relinquished By:		Alice Tahmasian	EA/NH	7/11/25 9:10
[2] Received By:		Gema O.	eANH	7.11.25 9:10
[3] Relinquished By:		Gema O.	eANH	7.11.25 12:3~~0~~
[3] Received By:		Gema	EA	7.11.25 1231

Rel By: 7.11.25 1315 — Rec By: Addis EA 7/11/25 1315

7.11.25 @ 9:10

4 of 49

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 07/10/25 WO# _____ Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☒ No**

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walkin

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 07/10/25 By (initials) AXT Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: 0.7°C

Cooler Temp (°C) #1: 22.3/21.6 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?			X

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)**_____ **(sign)**_____

Date Labeled _____ **By (print)**_____ **(sign)**_____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7/11/25 WO# 537395 Client: Waste Connections

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7/11/25 By (initials) HGS Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 11 CF: +0.1

Cooler Temp (°C) #1: 2.6 / 2.7 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 7/10/25 **By (print)** ABD **(sign)** ABD

Date Labeled 7/11/25 **By (print)** EA-OR **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 537395

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537395
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 07/10/25

Sample ID: DW-28 **Lab ID: 537395-001** **Collected: 07/10/25 08:27**
Matrix: Water

537395-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**1.3**		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Chloride	**36**		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Bromide	**0.17**	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 16:19	SSN
Sulfate	**470**		mg/L	10	1.8	10	376133	07/11/25 14:25	07/11/25 16:36	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.29**		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**1.4**		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	**4.7**		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	ND		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	**0.78**		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	**0.0036**	J	mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	**0.88**		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	**370**		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Acetone	ND		ug/L	100	2.1	1	377123	07/23/25	07/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	377123	07/23/25	07/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Butanone	ND		ug/L	100	0.6	1	377123	07/23/25	07/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

537395-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377123	07/23/25	07/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.3	1	377123	07/23/25	07/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377123	07/23/25	07/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	123%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

537395-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	105%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Toluene-d8	98%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Bromofluorobenzene	88%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.2**		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**170**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**170**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

Sample ID: DW-8	Lab ID: 537395-002	Collected: 07/10/25 09:43
	Matrix: Water	

537395-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.27**		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Chloride	**69**		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Bromide	**0.17**	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 16:53	SSN
Sulfate	**2,900**		mg/L	50	9.1	50	376133	07/11/25 14:25	07/11/25 17:10	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**1.0**		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**1.0**		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	**350**		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	**5.3**		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	**200**		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	**0.066**		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	**6.6**		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	**620**		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Acetone	ND		ug/L	100	2.1	1	377123	07/23/25	07/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	377123	07/23/25	07/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Butanone	ND		ug/L	100	0.6	1	377123	07/23/25	07/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

537395-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377123	07/23/25	07/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.3	1	377123	07/23/25	07/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377123	07/23/25	07/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	123%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Toluene-d8	97%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Bromofluorobenzene	115%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537395

537395-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	105%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**150**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**150**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**4,800**		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

Sample ID: DW-9	Lab ID: 537395-003	Collected: 07/10/25 10:52
	Matrix: Water	

537395-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**2.2**		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Chloride	**83**		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Bromide	**0.23**	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Nitrogen, Nitrate	**2.3**		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 18:00	SSN
Sulfate	**710**		mg/L	10	1.8	10	376133	07/11/25 14:25	07/11/25 18:17	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.58**		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	**21**		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	ND		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	**2.2**		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	**1.4**		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	**380**		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Acetone	ND		ug/L	100	2.1	1	377123	07/23/25	07/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	377123	07/23/25	07/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Butanone	ND		ug/L	100	0.6	1	377123	07/23/25	07/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

537395-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377123	07/23/25	07/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.3	1	377123	07/23/25	07/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377123	07/23/25	07/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377123	07/23/25	07/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377123	07/23/25	07/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377123	07/23/25	07/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	123%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Toluene-d8	98%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	377123	07/23/25	07/23/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537395

537395-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	92%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.3**		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**130**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**130**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,300**		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

Sample ID: DW-29	Lab ID: 537395-004	Collected: 07/10/25 11:54
	Matrix: Water	

537395-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.42**		mg/L	0.20	0.073	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Chloride	**93**		mg/L	1.0	0.27	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Bromide	**0.30**	J	mg/L	0.30	0.060	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Nitrogen, Nitrate	**2.5**		mg/L	0.10	0.05	1	376133	07/11/25 14:25	07/11/25 18:34	SSN
Sulfate	**360**		mg/L	10	1.8	10	376133	07/11/25 14:25	07/11/25 18:51	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	376662	07/17/25	07/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.34**		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	**65**		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	**0.21**		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	**8.6**		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	**0.33**		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	**1.4**		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	**230**		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Acetone	ND		ug/L	100	8.8	1	377217	07/24/25	07/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377217	07/24/25	07/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537395

537395-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377217	07/24/25	07/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377217	07/24/25	07/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377217	07/24/25	07/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Toluene-d8	99%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537395

537395-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**6.2**		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**260**		mg/L	5.0		2.5	376479	07/16/25	07/16/25	ARM
Alkalinity, Total as CaCO3	**260**		mg/L	5.0		2.5	376479	07/16/25	07/16/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**970**		mg/L	20		2	376221	07/13/25	07/14/25	RDL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537395

Sample ID: QCFB	Lab ID: 537395-005	Collected: 07/10/25 08:31
	Matrix: Water	

537395-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Acetone	ND		ug/L	100	8.8	1	377217	07/24/25	07/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377217	07/24/25	07/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Chloroform	**0.6**	J	ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377217	07/24/25	07/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377217	07/24/25	07/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537395

537395-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377217	07/24/25	07/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane-d4	103%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Toluene-d8	102%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537395

Sample ID: QCTB	Lab ID: 537395-006	Collected: 07/10/25
	Matrix: Water	

537395-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Acetone	ND		ug/L	100	8.8	1	377217	07/24/25	07/24/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377217	07/24/25	07/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Chloroform	**0.7**	J	ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377217	07/24/25	07/24/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377217	07/24/25	07/24/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377217	07/24/25	07/24/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537395

537395-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377217	07/24/25	07/24/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377217	07/24/25	07/24/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377217	07/24/25	07/24/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377217	07/24/25	07/24/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377217	07/24/25	07/24/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377217	07/24/25	07/24/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377217	07/24/25	07/24/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377217	07/24/25	07/24/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377217	07/24/25	07/24/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377217	07/24/25	07/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Toluene-d8	100%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377217	07/24/25	07/24/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1273497	Batch: 376133
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1273497 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/11/25 14:25	07/11/25 14:39
Chloride	ND		mg/L	1.0	0.27	07/11/25 14:25	07/11/25 14:39
Bromide	ND		mg/L	0.30	0.060	07/11/25 14:25	07/11/25 14:39
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/11/25 14:25	07/11/25 14:39
Sulfate	ND		mg/L	1.0	0.18	07/11/25 14:25	07/11/25 14:39

Type: Lab Control Sample	Lab ID: QC1273498	Batch: 376133
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1273498 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.17	10.00	mg/L	102%		90-110
Chloride	49.22	50.00	mg/L	98%		90-110
Bromide	15.37	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.722	4.518	mg/L	105%		90-110
Sulfate	25.35	25.00	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1273499	Batch: 376133
Matrix (Source ID): Water (537363-001)	Method: EPA 300.0	Prep Method: METHOD

QC1273499 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.49	0.2877	20.00	mg/L	101%		80-129	1
Chloride	110.2	6.177	100.0	mg/L	104%		80-123	1
Bromide	15.20	ND	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	10.58	1.188	9.036	mg/L	104%		80-123	1
Sulfate	58.10	7.402	50.00	mg/L	101%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1273500	Batch: 376133
Matrix (Source ID): Water (537363-001)	Method: EPA 300.0	Prep Method: METHOD

QC1273500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.37	0.2877	20.00	mg/L	100%		80-129	1	21	1
Chloride	109.8	6.177	100.0	mg/L	104%		80-123	0	20	1
Bromide	15.13	ND	15.00	mg/L	101%		80-121	0	20	1
Nitrogen, Nitrate	10.58	1.188	9.036	mg/L	104%		80-123	0	20	1
Sulfate	57.86	7.402	50.00	mg/L	101%		79-124	0	20	1

Type: Blank	Lab ID: QC1275222	Batch: 376662
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275222 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/17/25	07/18/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1275223	Batch: 376662
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275223 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.022	1.000	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1275226	Batch: 376662
Matrix (Source ID): Water (537333-001)	Method: EPA 350.1	Prep Method: METHOD

QC1275226 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.083	0.2261	1.000	mg/L	86%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1275227	Batch: 376662
Matrix (Source ID): Water (537333-001)	Method: EPA 350.1	Prep Method: METHOD

QC1275227 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.137	0.2261	1.000	mg/L	91%		90-110	5	20	1

Type: Matrix Spike	Lab ID: QC1275228	Batch: 376662
Matrix (Source ID): Water (537333-002)	Method: EPA 350.1	Prep Method: METHOD

QC1275228 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.094	0.1108	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1275229	Batch: 376662
Matrix (Source ID): Water (537333-002)	Method: EPA 350.1	Prep Method: METHOD

QC1275229 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.086	0.1108	1.000	mg/L	98%		90-110	1	20	1

Type: Blank	Lab ID: QC1275558	Batch: 376662
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1275558 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	0.069	J	mg/L	0.10	0.050	07/17/25	07/18/25

Type: Blank	Lab ID: QC1276657	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1276658	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1276659	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276660	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Type: Matrix Spike	Lab ID: QC1276796	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276797	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type: Blank	Lab ID: QC1276996	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	07/23/25	07/23/25
Calcium	ND		mg/L	0.57	0.57	07/23/25	07/23/25
Iron	ND		mg/L	0.041	0.041	07/23/25	07/23/25
Magnesium	ND		mg/L	0.10	0.025	07/23/25	07/23/25
Manganese	ND		mg/L	0.010	0.0029	07/23/25	07/23/25
Potassium	ND		mg/L	0.50	0.42	07/23/25	07/23/25
Sodium	ND		mg/L	0.50	0.34	07/23/25	07/23/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1276997	Batch: 377156
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3516	0.4000	mg/L	88%		80-120
Calcium	18.33	20.40	mg/L	90%		80-120
Iron	0.3714	0.4000	mg/L	93%		80-120
Magnesium	18.69	20.40	mg/L	92%		80-120
Manganese	0.3683	0.4000	mg/L	92%		80-120
Potassium	21.39	24.00	mg/L	89%		80-120
Sodium	18.70	20.40	mg/L	92%		80-120

Type: Matrix Spike	Lab ID: QC1276998	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.719	1.367	0.4000	mg/L	88%		75-125	1
Calcium	22.54	4.672	20.40	mg/L	88%		75-125	1
Iron	0.3772	ND	0.4000	mg/L	94%		75-125	1
Magnesium	19.03	0.7834	20.40	mg/L	89%		75-125	1
Manganese	0.3668	0.003580	0.4000	mg/L	91%		75-125	1
Potassium	23.19	0.8843	24.00	mg/L	93%		75-125	1
Sodium	380.8	365.8	20.40	mg/L	73%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1276999	Batch: 377156
Matrix (Source ID): Water (537395-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1276999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.721	1.367	0.4000	mg/L	89%		75-125	0	20	1
Calcium	22.78	4.672	20.40	mg/L	89%		75-125	1	20	1
Iron	0.3797	ND	0.4000	mg/L	95%		75-125	1	22	1
Magnesium	19.28	0.7834	20.40	mg/L	91%		75-125	1	20	1
Manganese	0.3707	0.003580	0.4000	mg/L	92%		75-125	1	20	1
Potassium	23.44	0.8843	24.00	mg/L	94%		75-125	1	20	1
Sodium	378.8	365.8	20.40	mg/L	63%	NM	75-125	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1277079**	**Batch:**	**377156**
Matrix (Source ID):	**Water (537395-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1277079 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	1.353	1.367	mg/L				5
Calcium	4.641	4.672	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	0.7449	0.7834	mg/L				5
Manganese	ND	0.003580	mg/L				5
Potassium	ND	0.8843	mg/L				5
Sodium	366.1	365.8	mg/L				5

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1276843	**Batch:** 377123	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1276843 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Freon 12	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Chloromethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Vinyl Chloride	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Bromomethane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Chloroethane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Acetone	ND		ug/L	100	2.1	07/23/25	07/23/25
Freon 113	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Methylene Chloride	ND		ug/L	5.0	0.4	07/23/25	07/23/25
MTBE	ND		ug/L	5.0	0.1	07/23/25	07/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
2-Butanone	ND		ug/L	100	0.6	07/23/25	07/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Chloroform	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromochloromethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Benzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Trichloroethene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromodichloromethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Dibromomethane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/23/25	07/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Toluene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Dibromochloromethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Chlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Ethylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
m,p-Xylenes	ND		ug/L	10	0.3	07/23/25	07/23/25
o-Xylene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Styrene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Bromoform	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Isopropylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25

ENTHALPY ANALYTICAL

Batch QC

QC1276843 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
n-Butylbenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Naphthalene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Xylene (total)	ND		ug/L	5.0		07/23/25	07/23/25
Surrogates				**Limits**			
Dibromofluoromethane	116%		%REC	70-130		07/23/25	07/23/25
1,2-Dichloroethane-d4	103%		%REC	70-130		07/23/25	07/23/25
Toluene-d8	99%		%REC	70-130		07/23/25	07/23/25
Bromofluorobenzene	90%		%REC	70-130		07/23/25	07/23/25

Type: Lab Control Sample	**Lab ID: QC1276844**	**Batch: 377123**
Matrix: Water	**Method: EPA 8260B**	**Prep Method: EPA 5030B**

QC1276844 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.93	50.00	ug/L	88%		69-128
MTBE	44.10	50.00	ug/L	88%		66-125
Benzene	44.91	50.00	ug/L	90%		76-121
Trichloroethene	47.48	50.00	ug/L	95%		76-124
Toluene	44.09	50.00	ug/L	88%		76-120
Chlorobenzene	44.12	50.00	ug/L	88%		78-120
Surrogates						
Dibromofluoromethane	51.71	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	45.83	50.00	ug/L	92%		70-130
Toluene-d8	49.50	50.00	ug/L	99%		70-130
Bromofluorobenzene	49.92	50.00	ug/L	100%		70-130

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1276845	Batch:	377123
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1276845 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	43.70	50.00	ug/L	87%		69-128	1	23
MTBE	42.29	50.00	ug/L	85%		66-125	4	22
Benzene	44.22	50.00	ug/L	88%		76-121	2	21
Trichloroethene	46.79	50.00	ug/L	94%		76-124	1	22
Toluene	43.97	50.00	ug/L	88%		76-120	0	21
Chlorobenzene	44.08	50.00	ug/L	88%		78-120	0	20
Surrogates								
Dibromofluoromethane	51.79	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	46.11	50.00	ug/L	92%		70-130		
Toluene-d8	50.19	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.14	50.00	ug/L	98%		70-130		

Type:	Matrix Spike	Lab ID:	QC1276851	Batch:	377123
Matrix (Source ID):	Water (537599-002)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1276851 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.62	ND	20.00	ug/L	83%		62-131	1
MTBE	15.93	ND	20.00	ug/L	80%		61-124	1
Benzene	18.00	0.1942	20.00	ug/L	89%		70-123	1
Trichloroethene	19.28	ND	20.00	ug/L	96%		65-131	1
Toluene	17.91	0.4117	20.00	ug/L	87%		69-120	1
Chlorobenzene	18.36	ND	20.00	ug/L	92%		72-121	1
Surrogates								
Dibromofluoromethane	48.66		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	45.87		50.00	ug/L	92%		70-130	1
Toluene-d8	49.07		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	53.60		50.00	ug/L	107%		70-130	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1276852**	**Batch:**	**377123**
Matrix (Source ID):	**Water (537599-002)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1276852 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	14.69	ND	20.00	ug/L	73%		62-131	12	31	1
MTBE	14.79	ND	20.00	ug/L	74%		61-124	7	30	1
Benzene	16.59	0.1942	20.00	ug/L	82%		70-123	8	31	1
Trichloroethene	16.56	ND	20.00	ug/L	83%		65-131	15	31	1
Toluene	15.10	0.4117	20.00	ug/L	73%		69-120	17	29	1
Chlorobenzene	16.58	ND	20.00	ug/L	83%		72-121	10	29	1
Surrogates										
Dibromofluoromethane	48.75		50.00	ug/L	98%		70-130			1
1,2-Dichloroethane-d4	45.99		50.00	ug/L	92%		70-130			1
Toluene-d8	45.16		50.00	ug/L	90%		70-130			1
Bromofluorobenzene	51.31		50.00	ug/L	103%		70-130			1

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Batch QC

Type: Blank	**Lab ID:** QC1277185	**Batch:** 377217	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1277185 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Freon 12	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Chloromethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Bromomethane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
Chloroethane	ND		ug/L	5.0	0.05	07/23/25	07/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Acetone	ND		ug/L	100	8.8	07/23/25	07/23/25
Freon 113	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/23/25	07/23/25
MTBE	ND		ug/L	5.0	0.1	07/23/25	07/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
2-Butanone	ND		ug/L	100	0.9	07/23/25	07/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Chloroform	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/23/25	07/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/23/25	07/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Benzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Trichloroethene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/23/25	07/23/25
Dibromomethane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/23/25	07/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Toluene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/23/25	07/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/23/25	07/23/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/23/25	07/23/25
m,p-Xylenes	ND		ug/L	10	0.1	07/23/25	07/23/25
o-Xylene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Styrene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Bromoform	ND		ug/L	5.0	0.08	07/23/25	07/23/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/23/25	07/23/25

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Batch QC

QC1277185 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
Bromobenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/23/25	07/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/23/25	07/23/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/23/25	07/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/23/25	07/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/23/25	07/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/23/25	07/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/23/25	07/23/25
Naphthalene	ND		ug/L	5.0	0.3	07/23/25	07/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/23/25	07/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/23/25	07/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/23/25	07/23/25
Xylene (total)	ND		ug/L	5.0		07/23/25	07/23/25
Surrogates				**Limits**			
Dibromofluoromethane	105%		%REC	70-130		07/23/25	07/23/25
1,2-Dichloroethane-d4	106%		%REC	70-130		07/23/25	07/23/25
Toluene-d8	101%		%REC	70-130		07/23/25	07/23/25
Bromofluorobenzene	97%		%REC	70-130		07/23/25	07/23/25

Type: Lab Control Sample **Lab ID:** QC1277186 **Batch:** 377217
Matrix: Water **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1277186 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.10	50.00	ug/L	90%		69-128
MTBE	46.73	50.00	ug/L	93%		66-125
Benzene	46.48	50.00	ug/L	93%		76-121
Trichloroethene	47.92	50.00	ug/L	96%		76-124
Toluene	46.13	50.00	ug/L	92%		76-120
Chlorobenzene	46.29	50.00	ug/L	93%		78-120
Surrogates						
Dibromofluoromethane	47.96	50.00	ug/L	96%		70-130
1,2-Dichloroethane-d4	48.37	50.00	ug/L	97%		70-130
Toluene-d8	50.30	50.00	ug/L	101%		70-130
Bromofluorobenzene	50.44	50.00	ug/L	101%		70-130

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1277187**	**Batch:**	**377217**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1277187 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.53	50.00	ug/L	95%		69-128	5	23
MTBE	50.22	50.00	ug/L	100%		66-125	7	22
Benzene	48.98	50.00	ug/L	98%		76-121	5	21
Trichloroethene	50.80	50.00	ug/L	102%		76-124	6	22
Toluene	48.38	50.00	ug/L	97%		76-120	5	21
Chlorobenzene	48.99	50.00	ug/L	98%		78-120	6	20
Surrogates								
Dibromofluoromethane	47.89	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	47.92	50.00	ug/L	96%		70-130		
Toluene-d8	50.84	50.00	ug/L	102%		70-130		
Bromofluorobenzene	50.43	50.00	ug/L	101%		70-130		

Type:	**Matrix Spike**	**Lab ID:**	**QC1277269**	**Batch:**	**377217**
Matrix (Source ID):	**Water (537909-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1277269 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.59	ND	20.00	ug/L	98%		62-131	1
MTBE	19.26	ND	20.00	ug/L	96%		61-124	1
Benzene	19.71	ND	20.00	ug/L	99%		70-123	1
Trichloroethene	20.30	ND	20.00	ug/L	102%		65-131	1
Toluene	19.36	ND	20.00	ug/L	97%		69-120	1
Chlorobenzene	19.79	ND	20.00	ug/L	99%		72-121	1
Surrogates								
Dibromofluoromethane	48.89		50.00	ug/L	98%		70-130	1
1,2-Dichloroethane-d4	49.95		50.00	ug/L	100%		70-130	1
Toluene-d8	50.01		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	50.26		50.00	ug/L	101%		70-130	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1277270	Batch:	377217
Matrix (Source ID):	Water (537909-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1277270 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.20	ND	20.00	ug/L	96%		62-131	2	31	1
MTBE	19.80	ND	20.00	ug/L	99%		61-124	3	30	1
Benzene	19.90	ND	20.00	ug/L	99%		70-123	1	31	1
Trichloroethene	21.48	ND	20.00	ug/L	107%		65-131	6	31	1
Toluene	19.87	ND	20.00	ug/L	99%		69-120	3	29	1
Chlorobenzene	20.50	ND	20.00	ug/L	103%		72-121	4	29	1
Surrogates										
Dibromofluoromethane	47.86		50.00	ug/L	96%		70-130			1
1,2-Dichloroethane-d4	48.11		50.00	ug/L	96%		70-130			1
Toluene-d8	50.85		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	49.80		50.00	ug/L	100%		70-130			1

Type:	Blank	Lab ID:	QC1274864	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274864 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/16/25	07/17/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		07/16/25	07/17/25

Type:	Lab Control Sample	Lab ID:	QC1274866	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274866 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.56	10.00	ug/L	116%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1274867	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.914	10.00	ug/L	99%		79-120	15	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.09	10.00	ug/L	101%		80-120		

Type:	Blank	Lab ID:	QC1274585	Batch:	376462
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1274585 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/15/25	07/15/25

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Batch QC

Type: Lab Control Sample **Lab ID:** QC1274586 **Batch:** 376462
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1274586 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1274587 **Batch:** 376462
Matrix (Source ID): Drinking Water (537539-003) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1274587 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1274588 **Batch:** 376462
Matrix (Source ID): Drinking Water (537539-003) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1274588 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank **Lab ID:** QC1275252 **Batch:** 376674
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1275252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/17/25	07/17/25

Type: Lab Control Sample **Lab ID:** QC1275253 **Batch:** 376674
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1275253 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.94	25.00	mg/L	96%		85-115

Type: Matrix Spike **Lab ID:** QC1275254 **Batch:** 376674
Matrix (Source ID): Water (537831-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1275254 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	47,130	33370	12500	mg/L	110%		75-125	500

Type: Matrix Spike Duplicate **Lab ID:** QC1275255 **Batch:** 376674
Matrix (Source ID): Water (537831-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1275255 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	47,440	33370	12500	mg/L	113%		75-125	1	25	500

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Batch QC

Type: Blank	Lab ID: QC1276225	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276225 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		07/17/25	07/17/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1276226	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276226 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	922.4	1000	mg/L	92%		90-110

Type: Sample Duplicate	Lab ID: QC1276229	Batch: 376939
Matrix (Source ID): Water (537631-002)	Method: SM2320B	Prep Method: METHOD

QC1276229 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	178.6	179.9	mg/L		1	20	2.5
Alkalinity, Total as CaCO3	178.6	179.9	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1274654	Batch: 376479
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1274654 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		07/16/25	07/16/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		07/16/25	07/16/25

Type: Lab Control Sample	Lab ID: QC1274655	Batch: 376479
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1274655 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	934.1	1000	mg/L	93%		90-110

Type: Sample Duplicate	Lab ID: QC1274656	Batch: 376479
Matrix (Source ID): Drinking Water (536938-002)	Method: SM2320B	Prep Method: METHOD

QC1274656 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	166.5	166.5	mg/L		0	20	2.5
Alkalinity, Total as CaCO3	180.4	180.4	mg/L		0	20	2.5

Type: Blank	Lab ID: QC1273788	Batch: 376221
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1273788 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		07/13/25	07/14/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1273789	Batch:	376221
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1273789 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	992.0	1000	mg/L	99%		90-110

Type:	Sample Duplicate	Lab ID:	QC1273790	Batch:	376221
Matrix (Source ID):	Water (537395-001)	Method:	SM2540C	Prep Method:	METHOD

QC1273790 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,118	1086	mg/L		3	5	2

Type:	Sample Duplicate	Lab ID:	QC1273791	Batch:	376221
Matrix (Source ID):	Water (537452-001)	Method:	SM2540C	Prep Method:	METHOD

QC1273791 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	4,440	4420	mg/L		0	5	4

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 537395

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507825

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-537395

Project Location:
Project Received: 07/15/2025

Analytical Report reviewed & approved for release on 07/17/2025 by:

Yen Cao

Yen Cao
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507825

Project: EO-537395

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507825

Project: EO-537395

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507825
Date Received:	07/15/2025 9:29	**Extraction Method:**	RSK175
Date Prepared:	07/15/2025	**Analytical Method:**	RSK175
Project:	EO-537395	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2507825-001A	Water	07/10/2025 08:27	GC26 0715250104.D	321587

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1300**	50	50	1	07/15/2025 15:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2507825-002A	Water	07/10/2025 09:43	GC26 0715250106.D	321587

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**34,000**	2000	2000	40	07/15/2025 16:33

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2507825-003A	Water	07/10/2025 10:52	GC26 0715250107.D	321587

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**920**	50	50	1	07/15/2025 17:01

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507825
Date Received:	07/15/2025 9:29	**Extraction Method:**	RSK175
Date Prepared:	07/15/2025	**Analytical Method:**	RSK175
Project:	EO-537395	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2507825-004A	Water	07/10/2025 11:54	GC26 0715250109.D	321587

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**9900**	500	500	10	07/15/2025 17:30

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507825
Date Prepared:	07/15/2025	**BatchID:**	321587
Date Analyzed:	07/15/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-537395	**Sample ID:**	MB/LCS/LCSD-321587

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	150	187.2	71	79	70-130	9.94	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2507825 **ClientCode: ENO**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-537395

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: **2 days;**

Date Received: **07/15/2025**
Date Logged: **07/15/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507825-001	DW-28	Water	7/10/2025 08:27	☐	A	A										
2507825-002	DW-8	Water	7/10/2025 09:43	☐	A	A										
2507825-003	DW-9	Water	7/10/2025 10:52	☐	A	A										
2507825-004	DW-29	Water	7/10/2025 11:54	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-537395 **Work Order:** 2507825
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 7/15/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 8:27	2 days	7/17/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 9:43	2 days	7/17/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 10:52	2 days	7/17/2025	None	☐	☐
004A	DW-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/10/2025 11:54	2 days	7/17/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2507825

HOLD TIME RUSH

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 243367
PO #: PO-079649

Enthalpy Order: EO-537395
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:
Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-28	10-JUL-2025 08:27	537395-001	2	Water	RSK-175 CO2	
DW-8	10-JUL-2025 09:43	537395-002	2	Water	RSK-175 CO2	
DW-9	10-JUL-2025 10:52	537395-003	2	Water	RSK-175 CO2	
DW-29	10-JUL-2025 11:54	537395-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date: 7-14-25 14:30	Date: 7/15/25 0929
	Date:	Date:
	Date:	Date:

0.1cwEA
IR39

1 of 1

FEDEX: 882777215136

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"When Quality Counts"
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	7/15/2025 09:29
Project:	EO-537395	Date Logged:	7/15/2025
		Received by:	Agustina Venegas
WorkOrder №:	2507825 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☐	No	☑	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 0.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537588
Report Level : II
Report Date : 07/30/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	537588 GW MONITORING Chiquita Canyon Landfill / Quarterly MPars 07/14/25

Sample ID	Lab ID	Collected	Matrix
DW-14	537588-001	07/14/25 08:22	Water
PZ-4	537588-002	07/14/25 09:36	Water
DW-17	537588-003	07/14/25 10:50	Water
DW-30	537588-004	07/14/25 12:01	Water
QCFB	537588-005	07/14/25 08:27	Water
QCTB	537588-006	07/14/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 537588 Project No: GW MONITORING Location: Chiquita Canyon Landfill / Quarterly MPars Date Received: 07/14/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 07/15/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- High recovery was observed for chlorobenzene in the MS for batch 376811; the parent sample was not a project sample, the BS/BSD were within limits, the associated RPD was within limits, and this analyte was not detected at or above the RL in the associated sample.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Manganese and sodium were detected above the RL in the method blank for batch 376557; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. Magnesium was detected between the MDL and the RL in the method blank for batch 376557.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

- High RPD was observed for total dissolved solids in the SDUP for batch 376886; the parent sample was not a project sample.
- No other analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 537588

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

ER13

3-8/3-0

Quarterly MPars

cc report to: pchang@changenvironmental.com **Basic EDD & GeoTracker EDF**

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-14	7/14/25	822	W	13	var.	X	X	X	X	X	X	X	X	X
2	PZ-4		936		13		X	X	X	X	X	X	X	X	X
3	DW-17		1050		13		X	X	X	X	X	X	X	X	X
4	DW-30		1201		13		X	X	X	X	X	X	X	X	X
5	QCFB		827		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Login 537588

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	7/14/25 1305
[1] Received By:		Jim Lin	EA-NM	7.14.25 1305
[2] Relinquished By:		Jim Lin	EA-NM	7.15.25 8:30
[2] Received By:		GEMA O.	EANM	7.15.25 8:30
[3] Relinquished By:		GEMA O.	EANM	7.15.25 10:21
[3] Received By:				7.15.25 11:50

W/ Ice EA 7-15-25 0815 Rec: [illegible] EA 7/15/25 1315

5 of 53

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7.14.25 WO# _____ Client: Chiquita Canyon LF

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☑ No**

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7.14.25 By (initials) JWL Type of ice used: ☑ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 14.3 / 13.6 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☑ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☑ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓ JWL
13) Are VOA vials free from headspace/bubbles > 6mm?	✓		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)** _____ **(sign)** _____

Date Labeled _____ **By (print)** _____ **(sign)** _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7/15/25 WO# 537588 Client: Waste Connections

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7/15/25 By (initials) NIG Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 3.8 / 3.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 7/14/25 **By (print)** ABD **(sign)** ABD

Date Labeled 7/15/25 **By (print)** EA-OR **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 537588

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537588
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 07/14/25

Sample ID: DW-14 **Lab ID: 537588-001** **Collected: 07/14/25 08:22**
Matrix: Water

537588-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.43**		mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Chloride	**98**		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Bromide	**0.14**	J	mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Nitrogen, Nitrate	**0.31**		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Sulfate	**31**		mg/L	1.0	0.18	1	376424	07/15/25 15:30	07/15/25 16:14	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	376840	07/19/25	07/21/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.12**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**2.4**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	**0.28**		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**0.21**	B	mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	**0.0030**	B,J	mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	**0.48**	J	mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**140**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

537588-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	97%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

537588-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	103%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	106%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	109%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.3**		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**120**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**170**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**440**		mg/L	20		2	376886	07/20/25	07/21/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

Sample ID: PZ-4	Lab ID: 537588-002	Collected: 07/14/25 09:36
	Matrix: Water	

537588-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.59**		mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Chloride	**61**		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Bromide	**0.16**	J	mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Nitrogen, Nitrate	**1.2**		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 17:04	KUM
Sulfate	**130**		mg/L	10	1.8	10	376424	07/15/25 15:30	07/15/25 17:21	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**3.0**	J	mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.31**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**50**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**9.5**		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	**2.1**		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**180**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	**0.4**	J	ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

537588-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	92%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	106%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537588

537588-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**6.2**		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**350**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**350**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**760**		mg/L	20		2	376886	07/20/25	07/21/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

Sample ID: DW-17	Lab ID: 537588-003	Collected: 07/14/25 10:50
	Matrix: Water	

537588-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.19**	J	mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Chloride	**160**		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Bromide	**0.31**		mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Nitrogen, Nitrate	**0.98**		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 18:12	KUM
Sulfate	**190**		mg/L	10	1.8	10	376424	07/15/25 15:30	07/15/25 19:02	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.084**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**4.6**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**0.12**	B	mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	**0.61**		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**210**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

537588-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	106%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537588

537588-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.3**		mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**79**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**110**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**700**		mg/L	20		2	376886	07/20/25	07/21/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

Sample ID: DW-30	Lab ID: 537588-004	Collected: 07/14/25 12:01
	Matrix: Water	

537588-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.93**		mg/L	0.20	0.073	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Chloride	**61**		mg/L	1.0	0.27	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Bromide	**0.14**	J	mg/L	0.30	0.060	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Nitrogen, Nitrate	**0.23**		mg/L	0.10	0.05	1	376424	07/15/25 15:30	07/15/25 17:38	KUM
Sulfate	**320**		mg/L	10	1.8	10	376424	07/15/25 15:30	07/15/25 17:55	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.20**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**35**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	**0.34**		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**5.5**		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	**0.035**		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	**1.5**		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**190**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
Freon 12	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
Chloromethane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Bromomethane	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
Chloroethane	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Acetone	ND		ug/L	100	8.8	1	377252	07/24/25	07/24/25	HMN
Freon 113	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
MTBE	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
2-Butanone	ND		ug/L	100	0.9	1	377252	07/24/25	07/24/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
Chloroform	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377252	07/24/25	07/24/25	HMN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537588

537588-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Trichloroethene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
Dibromomethane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377252	07/24/25	07/24/25	HMN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Toluene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377252	07/24/25	07/24/25	HMN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Tetrachloroethene	**0.4**	J	ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377252	07/24/25	07/24/25	HMN
m,p-Xylenes	ND		ug/L	10	0.1	1	377252	07/24/25	07/24/25	HMN
o-Xylene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Styrene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Bromoform	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
Propylbenzene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
Bromobenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377252	07/24/25	07/24/25	HMN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377252	07/24/25	07/24/25	HMN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377252	07/24/25	07/24/25	HMN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377252	07/24/25	07/24/25	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377252	07/24/25	07/24/25	HMN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377252	07/24/25	07/24/25	HMN
Naphthalene	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377252	07/24/25	07/24/25	HMN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377252	07/24/25	07/24/25	HMN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377252	07/24/25	07/24/25	HMN
Xylene (total)	ND		ug/L	5.0		1	377252	07/24/25	07/24/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN
1,2-Dichloroethane-d4	105%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN
Toluene-d8	100%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN
Bromofluorobenzene	98%		%REC	70-130		1	377252	07/24/25	07/24/25	HMN

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537588

537588-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376462	07/15/25	07/15/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.92**	J	mg/L	1.0	0.68	1	376674	07/17/25	07/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**160**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**160**		mg/L	5.0		2.5	376939	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**800**		mg/L	20		2	376886	07/20/25	07/21/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

Sample ID: QCFB	Lab ID: 537588-005	Collected: 07/14/25 08:27
	Matrix: Water	

537588-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	376733	07/18/25	07/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376733	07/18/25	07/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Chloroform	**0.6**	J	ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376733	07/18/25	07/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376733	07/18/25	07/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376733	07/18/25	07/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537588

537588-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376733	07/18/25	07/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376733	07/18/25	07/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376733	07/18/25	07/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376733	07/18/25	07/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376733	07/18/25	07/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376733	07/18/25	07/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376733	07/18/25	07/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376733	07/18/25	07/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376733	07/18/25	07/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376733	07/18/25	07/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	96%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Toluene-d8	105%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	376733	07/18/25	07/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

Sample ID: QCTB	Lab ID: 537588-006	Collected: 07/14/25
	Matrix: Water	

537588-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Acetone	ND		ug/L	100	8.8	1	376811	07/19/25	07/19/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	376811	07/19/25	07/19/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Chloroform	**0.5**	J	ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	376811	07/19/25	07/19/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	376811	07/19/25	07/19/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	376811	07/19/25	07/19/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	376811	07/19/25	07/19/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	376811	07/19/25	07/19/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537588

537588-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	376811	07/19/25	07/19/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	376811	07/19/25	07/19/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	376811	07/19/25	07/19/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	376811	07/19/25	07/19/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	376811	07/19/25	07/19/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	376811	07/19/25	07/19/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	376811	07/19/25	07/19/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	376811	07/19/25	07/19/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	376811	07/19/25	07/19/25	ZST
Xylene (total)	ND		ug/L	5.0		1	376811	07/19/25	07/19/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	86%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST
Toluene-d8	113%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	376811	07/19/25	07/19/25	ZST

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1274440	Batch: 376424
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274440 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/15/25 15:30	07/15/25 15:41
Chloride	ND		mg/L	1.0	0.27	07/15/25 15:30	07/15/25 15:41
Bromide	ND		mg/L	0.30	0.060	07/15/25 15:30	07/15/25 15:41
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/15/25 15:30	07/15/25 15:41
Sulfate	ND		mg/L	1.0	0.18	07/15/25 15:30	07/15/25 15:41

Type: Lab Control Sample	Lab ID: QC1274441	Batch: 376424
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274441 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.16	10.00	mg/L	102%		90-110
Chloride	50.08	50.00	mg/L	100%		90-110
Bromide	15.83	15.00	mg/L	106%		90-110
Nitrogen, Nitrate	4.850	4.518	mg/L	107%		90-110
Sulfate	25.90	25.00	mg/L	104%		90-110

Type: Matrix Spike	Lab ID: QC1274442	Batch: 376424
Matrix (Source ID): Water (537588-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274442 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.60	0.4269	20.00	mg/L	106%		80-129	1
Chloride	196.5	98.45	100.0	mg/L	98%		80-123	1
Bromide	16.08	0.1384	15.00	mg/L	106%		80-121	1
Nitrogen, Nitrate	10.21	0.3131	9.036	mg/L	110%		80-123	1
Sulfate	82.35	30.77	50.00	mg/L	103%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1274443	Batch: 376424
Matrix (Source ID): Water (537588-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274443 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.90	0.4269	20.00	mg/L	107%		80-129	1	21	1
Chloride	197.4	98.45	100.0	mg/L	99%		80-123	0	20	1
Bromide	16.26	0.1384	15.00	mg/L	107%		80-121	1	20	1
Nitrogen, Nitrate	10.34	0.3131	9.036	mg/L	111%		80-123	1	20	1
Sulfate	82.76	30.77	50.00	mg/L	104%		79-124	0	20	1

Type: Blank	Lab ID: QC1277109	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1277110 **Batch:** 377198
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type: Matrix Spike **Lab ID:** QC1277111 **Batch:** 377198
Matrix (Source ID): Water (537588-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1277112 **Batch:** 377198
Matrix (Source ID): Water (537588-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type: Matrix Spike **Lab ID:** QC1277113 **Batch:** 377198
Matrix (Source ID): Water (537588-003) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1277114 **Batch:** 377198
Matrix (Source ID): Water (537588-003) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type: Blank **Lab ID:** QC1275853 **Batch:** 376840
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1275853 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/19/25	07/21/25

Type: Lab Control Sample **Lab ID:** QC1275854 **Batch:** 376840
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1275854 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9220	1.000	mg/L	92%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1275867	Batch:	376840
Matrix (Source ID):	Drinking Water (537539-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1275867 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.365	0.2848	1.000	mg/L	108%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1275868	Batch:	376840
Matrix (Source ID):	Drinking Water (537539-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1275868 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.390	0.2848	1.000	mg/L	110%		90-110	2	20	1

Type:	Blank	Lab ID:	QC1275909	Batch:	376840
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1275909 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/19/25	07/21/25

Type:	Blank	Lab ID:	QC1276657	Batch:	377063
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Type:	Lab Control Sample	Lab ID:	QC1276658	Batch:	377063
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type:	Matrix Spike	Lab ID:	QC1276659	Batch:	377063
Matrix (Source ID):	Water (537395-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1276660	Batch:	377063
Matrix (Source ID):	Water (537395-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1276796	Batch:	377063
Matrix (Source ID):	Water (537753-004)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1276797	Batch:	377063
Matrix (Source ID):	Water (537753-004)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type:	Blank	Lab ID:	QC1274879	Batch:	376557
Matrix:	Filtrate	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274879 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	07/16/25	07/17/25
Calcium	ND		mg/L	0.57	0.57	07/16/25	07/17/25
Iron	ND		mg/L	0.046	0.046	07/16/25	07/17/25
Magnesium	0.058	J	mg/L	0.10	0.025	07/16/25	07/17/25
Manganese	0.014		mg/L	0.010	0.0029	07/16/25	07/17/25
Potassium	ND		mg/L	0.50	0.40	07/16/25	07/17/25
Sodium	0.84		mg/L	0.50	0.35	07/16/25	07/17/25

Type:	Lab Control Sample	Lab ID:	QC1274880	Batch:	376557
Matrix:	Filtrate	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3564	0.4000	mg/L	89%		80-120
Calcium	17.88	20.40	mg/L	88%		80-120
Iron	0.3649	0.4000	mg/L	91%		80-120
Magnesium	18.05	20.40	mg/L	88%		80-120
Manganese	0.3740	0.4000	mg/L	94%		80-120
Potassium	21.00	24.00	mg/L	88%		80-120
Sodium	18.62	20.40	mg/L	91%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1274881	Batch:	376557
Matrix (Source ID):	Water (537588-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274881 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5617	0.1992	0.4000	mg/L	91%		75-125	1
Calcium	52.66	35.29	20.40	mg/L	85%		75-125	1
Iron	0.7057	0.3429	0.4000	mg/L	91%		75-125	1
Magnesium	23.48	5.534	20.40	mg/L	88%		75-125	1
Manganese	0.3971	0.03385	0.4000	mg/L	91%		75-125	1
Potassium	23.39	1.541	24.00	mg/L	91%		75-125	1
Sodium	203.8	188.0	20.40	mg/L	78%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1274882	Batch:	376557
Matrix (Source ID):	Water (537588-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274882 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5587	0.1992	0.4000	mg/L	90%		75-125	1	20	1
Calcium	52.62	35.29	20.40	mg/L	85%		75-125	0	20	1
Iron	0.7032	0.3429	0.4000	mg/L	90%		75-125	0	22	1
Magnesium	23.40	5.534	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.3942	0.03385	0.4000	mg/L	90%		75-125	1	20	1
Potassium	23.32	1.541	24.00	mg/L	91%		75-125	0	20	1
Sodium	204.2	188.0	20.40	mg/L	79%	NM	75-125	0	20	1

Type:	Blank	Lab ID:	QC1276996	Batch:	377156
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1276996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Manganese	ND		mg/L	0.010	0.0029	07/23/25	07/23/25

Type:	Lab Control Sample	Lab ID:	QC1276997	Batch:	377156
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1276997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Manganese	0.3683	0.4000	mg/L	92%		80-120

Type:	Matrix Spike	Lab ID:	QC1276998	Batch:	377156
Matrix (Source ID):	Water (537395-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1276998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Manganese	0.3668	0.003580	0.4000	mg/L	91%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1276999	Batch:	377156
Matrix (Source ID):	Water (537395-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1276999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Manganese	0.3707	0.003580	0.4000	mg/L	92%		75-125	1	20	1

Type:	Serial Dilution	Lab ID:	QC1277079	Batch:	377156
Matrix (Source ID):	Water (537395-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1277079 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Manganese	ND	0.003580	mg/L				5

Type:	Lab Control Sample	Lab ID:	QC1275469	Batch:	376733
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1275469 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.49	50.00	ug/L	99%		69-128
MTBE	50.30	50.00	ug/L	101%		66-125
Benzene	49.00	50.00	ug/L	98%		76-121
Trichloroethene	49.65	50.00	ug/L	99%		76-124
Toluene	48.49	50.00	ug/L	97%		76-120
Chlorobenzene	48.53	50.00	ug/L	97%		78-120
Surrogates						
Dibromofluoromethane	47.24	50.00	ug/L	94%		70-130
1,2-Dichloroethane-d4	49.40	50.00	ug/L	99%		70-130
Toluene-d8	49.38	50.00	ug/L	99%		70-130
Bromofluorobenzene	50.00	50.00	ug/L	100%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1275470	Batch:	376733
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1275470 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.39	50.00	ug/L	101%		69-128	2	23
MTBE	49.81	50.00	ug/L	100%		66-125	1	22
Benzene	49.93	50.00	ug/L	100%		76-121	2	21
Trichloroethene	50.16	50.00	ug/L	100%		76-124	1	22
Toluene	48.77	50.00	ug/L	98%		76-120	1	21
Chlorobenzene	49.45	50.00	ug/L	99%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.63	50.00	ug/L	95%		70-130		
1,2-Dichloroethane-d4	49.20	50.00	ug/L	98%		70-130		
Toluene-d8	49.58	50.00	ug/L	99%		70-130		
Bromofluorobenzene	50.01	50.00	ug/L	100%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1275474	**Batch:** 376733	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1275474 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/18/25	07/18/25
Freon 12	ND		ug/L	5.0	0.2	07/18/25	07/18/25
Chloromethane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Bromomethane	ND		ug/L	5.0	0.3	07/18/25	07/18/25
Chloroethane	ND		ug/L	5.0	0.05	07/18/25	07/18/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Acetone	ND		ug/L	100	8.8	07/18/25	07/18/25
Freon 113	ND		ug/L	5.0	0.1	07/18/25	07/18/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/18/25	07/18/25
MTBE	ND		ug/L	5.0	0.1	07/18/25	07/18/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/18/25	07/18/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
2-Butanone	ND		ug/L	100	0.9	07/18/25	07/18/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/18/25	07/18/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/18/25	07/18/25
Chloroform	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/18/25	07/18/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/18/25	07/18/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/18/25	07/18/25
Benzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Trichloroethene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/18/25	07/18/25
Dibromomethane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/18/25	07/18/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Toluene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/18/25	07/18/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/18/25	07/18/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/18/25	07/18/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/18/25	07/18/25
m,p-Xylenes	ND		ug/L	10	0.1	07/18/25	07/18/25
o-Xylene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Styrene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Bromoform	ND		ug/L	5.0	0.08	07/18/25	07/18/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/18/25	07/18/25

ENTHALPY ANALYTICAL

Batch QC

QC1275474 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
Bromobenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/18/25	07/18/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/18/25	07/18/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/18/25	07/18/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/18/25	07/18/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/18/25	07/18/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/18/25	07/18/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/18/25	07/18/25
Naphthalene	ND		ug/L	5.0	0.3	07/18/25	07/18/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/18/25	07/18/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/18/25	07/18/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/18/25	07/18/25
Xylene (total)	ND		ug/L	5.0		07/18/25	07/18/25
Surrogates				**Limits**			
Dibromofluoromethane	100%		%REC	70-130		07/18/25	07/18/25
1,2-Dichloroethane-d4	104%		%REC	70-130		07/18/25	07/18/25
Toluene-d8	99%		%REC	70-130		07/18/25	07/18/25
Bromofluorobenzene	97%		%REC	70-130		07/18/25	07/18/25

Type: Matrix Spike **Lab ID:** QC1275513 **Batch:** 376733
Matrix (Source ID): Water (537683-002) **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1275513 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	66.57	37.84	40.00	ug/L	72%		62-131	2
MTBE	31.19	ND	40.00	ug/L	78%		61-124	2
Benzene	33.69	0.2796	40.00	ug/L	84%		70-123	2
Trichloroethene	815.3	793.9	40.00	ug/L	54%	E,NM	65-131	2
Toluene	33.84	0.1223	40.00	ug/L	84%		69-120	2
Chlorobenzene	35.09	ND	40.00	ug/L	88%		72-121	2
Surrogates								
Dibromofluoromethane	96.66		100.0	ug/L	97%		70-130	2
1,2-Dichloroethane-d4	97.89		100.0	ug/L	98%		70-130	2
Toluene-d8	101.3		100.0	ug/L	101%		70-130	2
Bromofluorobenzene	98.32		100.0	ug/L	98%		70-130	2

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1275514	Batch:	376733
Matrix (Source ID):	Water (537683-002)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1275514 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	67.64	37.84	40.00	ug/L	74%		62-131	2	31	2
MTBE	32.66	ND	40.00	ug/L	82%		61-124	5	30	2
Benzene	34.89	0.2796	40.00	ug/L	87%		70-123	3	31	2
Trichloroethene	806.9	793.9	40.00	ug/L	33%	E,NM	65-131		31	2
Toluene	35.39	0.1223	40.00	ug/L	88%		69-120	4	29	2
Chlorobenzene	36.33	ND	40.00	ug/L	91%		72-121	3	29	2
Surrogates										
Dibromofluoromethane	94.62		100.0	ug/L	95%		70-130			2
1,2-Dichloroethane-d4	96.36		100.0	ug/L	96%		70-130			2
Toluene-d8	99.77		100.0	ug/L	100%		70-130			2
Bromofluorobenzene	98.63		100.0	ug/L	99%		70-130			2

Type:	Lab Control Sample	Lab ID:	QC1275741	Batch:	376811
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1275741 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	42.02	50.00	ug/L	84%		69-128
MTBE	41.99	50.00	ug/L	84%		66-125
Benzene	41.47	50.00	ug/L	83%		76-121
Trichloroethene	51.33	50.00	ug/L	103%		76-124
Toluene	50.77	50.00	ug/L	102%		76-120
Chlorobenzene	50.68	50.00	ug/L	101%		78-120
Surrogates						
Dibromofluoromethane	43.54	50.00	ug/L	87%		70-130
1,2-Dichloroethane-d4	47.43	50.00	ug/L	95%		70-130
Toluene-d8	54.41	50.00	ug/L	109%		70-130
Bromofluorobenzene	50.15	50.00	ug/L	100%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1275742	Batch:	376811
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1275742 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	43.79	50.00	ug/L	88%		69-128	4	23
MTBE	43.47	50.00	ug/L	87%		66-125	3	22
Benzene	43.38	50.00	ug/L	87%		76-121	5	21
Trichloroethene	53.94	50.00	ug/L	108%		76-124	5	22
Toluene	53.10	50.00	ug/L	106%		76-120	4	21
Chlorobenzene	53.63	50.00	ug/L	107%		78-120	6	20
Surrogates								
Dibromofluoromethane	43.57	50.00	ug/L	87%		70-130		
1,2-Dichloroethane-d4	47.72	50.00	ug/L	95%		70-130		
Toluene-d8	54.73	50.00	ug/L	109%		70-130		
Bromofluorobenzene	49.71	50.00	ug/L	99%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1275744	Batch:	376811
Matrix (Source ID):	Water (537578-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1275744 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.09	ND	20.00	ug/L	100%		62-131	1
MTBE	19.40	ND	20.00	ug/L	97%		61-124	1
Benzene	19.76	ND	20.00	ug/L	99%		70-123	1
Trichloroethene	25.00	ND	20.00	ug/L	125%		65-131	1
Toluene	24.06	ND	20.00	ug/L	120%		69-120	1
Chlorobenzene	24.78	ND	20.00	ug/L	124%	*	72-121	1
Surrogates								
Dibromofluoromethane	44.08		50.00	ug/L	88%		70-130	1
1,2-Dichloroethane-d4	48.54		50.00	ug/L	97%		70-130	1
Toluene-d8	54.78		50.00	ug/L	110%		70-130	1
Bromofluorobenzene	49.37		50.00	ug/L	99%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1275745	Batch:	376811
Matrix (Source ID):	Water (537578-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1275745 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.91	ND	20.00	ug/L	95%		62-131	6	31	1
MTBE	18.92	ND	20.00	ug/L	95%		61-124	3	30	1
Benzene	18.74	ND	20.00	ug/L	94%		70-123	5	31	1
Trichloroethene	24.03	ND	20.00	ug/L	120%		65-131	4	31	1
Toluene	23.10	ND	20.00	ug/L	115%		69-120	4	29	1
Chlorobenzene	23.51	ND	20.00	ug/L	118%		72-121	5	29	1
Surrogates										
Dibromofluoromethane	43.29		50.00	ug/L	87%		70-130			1
1,2-Dichloroethane-d4	48.31		50.00	ug/L	97%		70-130			1
Toluene-d8	54.70		50.00	ug/L	109%		70-130			1
Bromofluorobenzene	50.06		50.00	ug/L	100%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1275746	**Batch:** 376811	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1275746 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/19/25	07/19/25
Freon 12	ND		ug/L	5.0	0.2	07/19/25	07/19/25
Chloromethane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Bromomethane	ND		ug/L	5.0	0.3	07/19/25	07/19/25
Chloroethane	ND		ug/L	5.0	0.05	07/19/25	07/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Acetone	ND		ug/L	100	8.8	07/19/25	07/19/25
Freon 113	ND		ug/L	5.0	0.1	07/19/25	07/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/19/25	07/19/25
MTBE	ND		ug/L	5.0	0.1	07/19/25	07/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/19/25	07/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
2-Butanone	ND		ug/L	100	0.9	07/19/25	07/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/19/25	07/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/19/25	07/19/25
Chloroform	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/19/25	07/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/19/25	07/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/19/25	07/19/25
Benzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Trichloroethene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/19/25	07/19/25
Dibromomethane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/19/25	07/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Toluene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/19/25	07/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/19/25	07/19/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/19/25	07/19/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/19/25	07/19/25
m,p-Xylenes	ND		ug/L	10	0.1	07/19/25	07/19/25
o-Xylene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Styrene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Bromoform	ND		ug/L	5.0	0.08	07/19/25	07/19/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/19/25	07/19/25

ENTHALPY ANALYTICAL

Batch QC

QC1275746 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
Bromobenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/19/25	07/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/19/25	07/19/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/19/25	07/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/19/25	07/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/19/25	07/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/19/25	07/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/19/25	07/19/25
Naphthalene	ND		ug/L	5.0	0.3	07/19/25	07/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/19/25	07/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/19/25	07/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/19/25	07/19/25
Xylene (total)	ND		ug/L	5.0		07/19/25	07/19/25
Surrogates				**Limits**			
Dibromofluoromethane	94%		%REC	70-130		07/19/25	07/19/25
1,2-Dichloroethane-d4	105%		%REC	70-130		07/19/25	07/19/25
Toluene-d8	109%		%REC	70-130		07/19/25	07/19/25
Bromofluorobenzene	99%		%REC	70-130		07/19/25	07/19/25

Type: Lab Control Sample **Lab ID:** QC1277335 **Batch:** 377252
Matrix: Water **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1277335 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.86	50.00	ug/L	92%		69-128
MTBE	48.44	50.00	ug/L	97%		66-125
Benzene	47.70	50.00	ug/L	95%		76-121
Trichloroethene	48.88	50.00	ug/L	98%		76-124
Toluene	46.97	50.00	ug/L	94%		76-120
Chlorobenzene	47.29	50.00	ug/L	95%		78-120
Surrogates						
Dibromofluoromethane	48.11	50.00	ug/L	96%		70-130
1,2-Dichloroethane-d4	48.37	50.00	ug/L	97%		70-130
Toluene-d8	50.28	50.00	ug/L	101%		70-130
Bromofluorobenzene	49.98	50.00	ug/L	100%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1277336**	**Batch:**	**377252**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1277336 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.76	50.00	ug/L	94%		69-128	2	23
MTBE	49.65	50.00	ug/L	99%		66-125	2	22
Benzene	48.72	50.00	ug/L	97%		76-121	2	21
Trichloroethene	49.57	50.00	ug/L	99%		76-124	1	22
Toluene	48.01	50.00	ug/L	96%		76-120	2	21
Chlorobenzene	48.42	50.00	ug/L	97%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.82	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	48.82	50.00	ug/L	98%		70-130		
Toluene-d8	50.39	50.00	ug/L	101%		70-130		
Bromofluorobenzene	49.77	50.00	ug/L	100%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1277340	**Batch:** 377252	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1277340 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/24/25	07/24/25
Freon 12	ND		ug/L	5.0	0.2	07/24/25	07/24/25
Chloromethane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Bromomethane	ND		ug/L	5.0	0.3	07/24/25	07/24/25
Chloroethane	ND		ug/L	5.0	0.05	07/24/25	07/24/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Acetone	ND		ug/L	100	8.8	07/24/25	07/24/25
Freon 113	ND		ug/L	5.0	0.1	07/24/25	07/24/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/24/25	07/24/25
MTBE	ND		ug/L	5.0	0.1	07/24/25	07/24/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/24/25	07/24/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
2-Butanone	ND		ug/L	100	0.9	07/24/25	07/24/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/24/25	07/24/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/24/25	07/24/25
Chloroform	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/24/25	07/24/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/24/25	07/24/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/24/25	07/24/25
Benzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Trichloroethene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/24/25	07/24/25
Dibromomethane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/24/25	07/24/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Toluene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/24/25	07/24/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/24/25	07/24/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/24/25	07/24/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/24/25	07/24/25
m,p-Xylenes	ND		ug/L	10	0.1	07/24/25	07/24/25
o-Xylene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Styrene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Bromoform	ND		ug/L	5.0	0.08	07/24/25	07/24/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/24/25	07/24/25

ENTHALPY ANALYTICAL

Batch QC

QC1277340 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
Bromobenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/24/25	07/24/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/24/25	07/24/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/24/25	07/24/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/24/25	07/24/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/24/25	07/24/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/24/25	07/24/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/24/25	07/24/25
Naphthalene	ND		ug/L	5.0	0.3	07/24/25	07/24/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/24/25	07/24/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/24/25	07/24/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/24/25	07/24/25
Xylene (total)	ND		ug/L	5.0		07/24/25	07/24/25
Surrogates				**Limits**			
Dibromofluoromethane	105%		%REC	70-130		07/24/25	07/24/25
1,2-Dichloroethane-d4	106%		%REC	70-130		07/24/25	07/24/25
Toluene-d8	99%		%REC	70-130		07/24/25	07/24/25
Bromofluorobenzene	98%		%REC	70-130		07/24/25	07/24/25

Type: Matrix Spike **Lab ID:** QC1277421 **Batch:** 377252
Matrix (Source ID): Water (537588-004) **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1277421 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	0.4185	ND	0.5000	ug/L	84%		62-131	1
MTBE	0.3425	ND	0.5000	ug/L	68%		61-124	1
Benzene	0.4046	ND	0.5000	ug/L	81%		70-123	1
Trichloroethene	0.4433	ND	0.5000	ug/L	89%		65-131	1
Toluene	0.4573	ND	0.5000	ug/L	91%		69-120	1
Chlorobenzene	0.4260	ND	0.5000	ug/L	85%		72-121	1
Surrogates								
Dibromofluoromethane	51.85		50.00	ug/L	104%		70-130	1
1,2-Dichloroethane-d4	52.57		50.00	ug/L	105%		70-130	1
Toluene-d8	50.17		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	48.74		50.00	ug/L	97%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1277422	Batch:	377252
Matrix (Source ID):	Water (537588-004)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1277422 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	0.4867	ND	0.5000	ug/L	97%		62-131	15	31	1
MTBE	0.3775	ND	0.5000	ug/L	76%		61-124	10	30	1
Benzene	0.4694	ND	0.5000	ug/L	94%		70-123	15	31	1
Trichloroethene	0.4783	ND	0.5000	ug/L	96%		65-131	8	31	1
Toluene	0.4899	ND	0.5000	ug/L	98%		69-120	7	29	1
Chlorobenzene	0.4607	ND	0.5000	ug/L	92%		72-121	8	29	1
Surrogates										
Dibromofluoromethane	51.77		50.00	ug/L	104%		70-130			1
1,2-Dichloroethane-d4	52.35		50.00	ug/L	105%		70-130			1
Toluene-d8	49.36		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	48.93		50.00	ug/L	98%		70-130			1

Type:	Blank	Lab ID:	QC1274864	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274864 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/16/25	07/17/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		07/16/25	07/17/25

Type:	Lab Control Sample	Lab ID:	QC1274866	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274866 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.56	10.00	ug/L	116%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1274867	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.914	10.00	ug/L	99%		79-120	15	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.09	10.00	ug/L	101%		80-120		

Type:	Blank	Lab ID:	QC1274585	Batch:	376462
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1274585 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/15/25	07/15/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1274586	Batch:	376462
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1274586 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1274587	Batch:	376462
Matrix (Source ID):	Drinking Water (537539-003)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1274587 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1274588	Batch:	376462
Matrix (Source ID):	Drinking Water (537539-003)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1274588 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type:	Blank	Lab ID:	QC1275252	Batch:	376674
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1275252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/17/25	07/17/25

Type:	Lab Control Sample	Lab ID:	QC1275253	Batch:	376674
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1275253 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.94	25.00	mg/L	96%		85-115

Type:	Matrix Spike	Lab ID:	QC1275254	Batch:	376674
Matrix (Source ID):	Water (537831-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1275254 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	47,130	33370	12500	mg/L	110%		75-125	500

Type:	Matrix Spike Duplicate	Lab ID:	QC1275255	Batch:	376674
Matrix (Source ID):	Water (537831-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1275255 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	47,440	33370	12500	mg/L	113%		75-125	1	25	500

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1276225	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276225 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		07/17/25	07/17/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1276226	Batch: 376939
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276226 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	922.4	1000	mg/L	92%		90-110

Type: Sample Duplicate	Lab ID: QC1276229	Batch: 376939
Matrix (Source ID): Water (537631-002)	Method: SM2320B	Prep Method: METHOD

QC1276229 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	178.6	179.9	mg/L		1	20	2.5
Alkalinity, Total as CaCO3	178.6	179.9	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1276019	Batch: 376886
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1276019 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		07/20/25	07/21/25

Type: Lab Control Sample	Lab ID: QC1276020	Batch: 376886
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1276020 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,017	1000	mg/L	102%		90-110

Type: Sample Duplicate	Lab ID: QC1276021	Batch: 376886
Matrix (Source ID): Water (537668-006)	Method: SM2540C	Prep Method: METHOD

QC1276021 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	8,060	7600	mg/L		6*	5	4

Type: Sample Duplicate	Lab ID: QC1276022	Batch: 376886
Matrix (Source ID): Water (537668-003)	Method: SM2540C	Prep Method: METHOD

QC1276022 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	6,672	6512	mg/L		2	5	4

Batch QC

*	Value is outside QC limits
E	Response exceeds instrument's linear range
J	Estimated value
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 537588

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507B45

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-537588

Project Location:
Project Received: 07/17/2025

Analytical Report reviewed & approved for release on 07/22/2025 by:

Yen Cao

Yen Cao
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

McCampbell Analytical, Inc.
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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507B45
Project: EO-537588

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507B45

Project: EO-537588

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507B45
Date Received:	07/17/2025 9:23	**Extraction Method:**	RSK175
Date Prepared:	07/21/2025	**Analytical Method:**	RSK175
Project:	EO-537588	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2507B45-001A	Water	07/14/2025 08:22	GC26 0721250104.D	321851

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**390**	50	50	1	07/21/2025 14:53

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2507B45-002A	Water	07/14/2025 09:36	GC26 0721250107.D	321851

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**13,000**	500	500	10	07/21/2025 15:49

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2507B45-003A	Water	07/14/2025 10:50	GC26 0721250108.D	321851

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**260**	50	50	1	07/21/2025 16:05

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507B45
Date Received:	07/17/2025 9:23	**Extraction Method:**	RSK175
Date Prepared:	07/21/2025	**Analytical Method:**	RSK175
Project:	EO-537588	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2507B45-004A	Water	07/14/2025 12:01	GC26 0721250110.D	321851

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2800**	120	120	2.5	07/21/2025 16:31

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507B45
Date Prepared:	07/21/2025	**BatchID:**	321851
Date Analyzed:	07/21/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-537588	**Sample ID:**	MB/LCS/LCSD-321851

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	140	187.2	71	73	70-130	3.06	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2507B45 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-537588

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: **07/17/2025**
Date Logged: **07/18/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507B45-001	DW-14	Water	7/14/2025 08:22	☐	A	A										
2507B45-002	PZ-4	Water	7/14/2025 09:36	☐	A	A										
2507B45-003	DW-17	Water	7/14/2025 10:50	☐	A	A										
2507B45-004	DW-30	Water	7/14/2025 12:01	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-537588 **Work Order:** 2507B45
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 7/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 8:22	2 days	7/21/2025	Present	☐	☐
002A	PZ-4	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 9:36	2 days	7/21/2025	None	☐	☐
003A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 10:50	2 days	7/21/2025	None	☐	☐
004A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/14/2025 12:01	2 days	7/21/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2507B45

HOLD TIME RUSH

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-537588
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:
Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-14	14-JUL-2025 08:22	537588-001	3 2	Water	RSK-175 CO2	
PZ-4	14-JUL-2025 09:36	537588-002	3 2	Water	RSK-175 CO2	
DW-17	14-JUL-2025 10:50	537588-003	3 2	Water	RSK-175 CO2	
DW-30	14-JUL-2025 12:01	537588-004	3 2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	[signature] HAL250923
	Date: 7-16-25 14:47	Date:
	Date:	Date:
	Date:	Date:

0.1c WET IR43

1 of 1

FEDEX - 882841586600

McCampbell Analytical, Inc.
"When Quality Counts"
1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	7/17/2025 09:23
Project:	EO-537588	Date Logged:	7/18/2025
		Received by:	Agustina Venegas
WorkOrder №:	2507B45 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 0.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537704
Report Level : II
Report Date : 07/30/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	537704 GW MONITORING Chiquita Canyon Landfill / Quarterly MPars 07/15/25

Sample ID	Lab ID	Collected	Matrix
DW-12	537704-001	07/15/25 08:02	Water
DW-7	537704-002	07/15/25 09:03	Water
DW-21	537704-003	07/15/25 09:57	Water
DW-18	537704-004	07/15/25 11:05	Water
DW-31	537704-005	07/15/25 12:11	Water
QCFB	537704-006	07/15/25 08:04	Water
QCTB	537704-007	07/15/25 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 537704 Project No: GW MONITORING Location: Chiquita Canyon Landfill / Quarterly MPars Date Received: 07/15/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 07/16/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- 2-butanone was detected between the MDL and the RL in the method blank for batch 377656; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Manganese and sodium were detected above the RL in the method blank for batch 376557; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. Magnesium was detected between the MDL and the RL in the method blank for batch 376557.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD of DW-21 (lab # 537704-003); affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 537704

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 2.3 IR #3 yes bag (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-12	7/15/25	802	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-7		903				X	X	X	X	X	X	X	X	X
3	DW-21		957				X	X	X	X	X	X	X	X	X
4	DW-18		1105				X	X	X	X	X	X	X	X	X
5	DW-31		1211		↓		X	X	X	X	X	X	X	X	X
6	QCFB	↓	804		3		X								
7	QCTB	—	—	↓	2	↓	X								
8															
9															
10															

Analysis Request

Test Instructions / Comments

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

Login 537704

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	7/15/25 1320
[1] Received By:		Jim Lin	EA-NH	7.15.25 1320
[2] Relinquished By:		Jim Lin	EA-NH	7.16.25 9:00
[2] Received By:		Jenna C.	ENTH	7.16.25 9:00
[3] Relinquished By:		Jenna C.	ENTH	7.16.25 10:50
[3] Received By:		Jenna C.	ENTH	7/16/25 1050

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7.15.25 WO# _____ Client: Chiquita Canyon LF

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☐ No**

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7.15.25 By (initials) JWL Type of ice used : ☐ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 15.2 / 14.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☐ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☐ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?	✓		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)**_____ **(sign)**_____

Date Labeled _____ **By (print)**_____ **(sign)**_____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7/16/25 WO# 537704 Client: Waste Connections

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7/16/25 By (initials) GXO Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 2.3 / 2.3 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 7/15/25 **By (print)** ABD **(sign)** _____

Date Labeled 7/16/25 **By (print)** _____ **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 537704

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537704
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 07/15/25

Sample ID: DW-12 **Lab ID: 537704-001** **Collected: 07/15/25 08:02**
Matrix: Water

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.62**		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Chloride	**200**		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Bromide	**0.72**		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Nitrogen, Nitrate	**4.0**		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Sulfate	**310**		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 18:18	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.20**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**23**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**2.7**		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	**1.7**		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**270**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	95%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	102%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	94%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**150**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**150**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**940**		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

Sample ID: DW-7	Lab ID: 537704-002	Collected: 07/15/25 09:03
	Matrix: Water	

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.16**	J	mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Chloride	**86**		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Bromide	**0.16**	J	mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Sulfate	**670**		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 18:52	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.16**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**31**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**1.5**		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	**1.1**		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**320**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	92%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	99%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	99%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	98%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537704

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	90%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**91**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**91**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

Sample ID: DW-21	Lab ID: 537704-003	Collected: 07/15/25 09:57
	Matrix: Water	

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.86**		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Chloride	**56**		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Bromide	**0.15**	J	mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Nitrogen, Nitrate	**0.12**		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Sulfate	**120**		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 16:37	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.25**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**3.4**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	**0.13**		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**0.17**	B	mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	ND		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**130**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	95%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537704

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.1**		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**96**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**120**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**410**		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

Sample ID: DW-18	Lab ID: 537704-004	Collected: 07/15/25 11:05
	Matrix: Water	

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.26**		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Chloride	**120**		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Bromide	**0.31**		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Nitrogen, Nitrate	**3.3**		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Sulfate	**360**		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 19:25	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.32**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**25**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**2.0**		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	**1.5**		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**280**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	102%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	96%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537704

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	92%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**5.3**		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**230**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**230**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**980**		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

Sample ID: DW-31	Lab ID: 537704-005	Collected: 07/15/25 12:11
	Matrix: Water	

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.25**		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Chloride	**82**		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Bromide	**0.51**		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Sulfate	**290**		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 19:59	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**16**		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.46**		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	**140**		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	**0.16**		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	**26**		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	**0.64**		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	**1.3**		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	**110**		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	93%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	98%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537704

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	**9.2**		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**14**		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**360**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	**360**		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**980**		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

Sample ID: QCFB	Lab ID: 537704-006	Collected: 07/15/25 08:04
	Matrix: Water	

537704-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	**0.6**	J	ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

Sample ID: QCTB	Lab ID: 537704-007	Collected: 07/15/25
	Matrix: Water	

537704-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	**0.7**	J	ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537704

537704-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	92%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1274785**	**Batch:**	**376526**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1274785 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/16/25 14:10	07/16/25 14:23
Chloride	ND		mg/L	1.0	0.27	07/16/25 14:10	07/16/25 14:23
Bromide	ND		mg/L	0.30	0.060	07/16/25 14:10	07/16/25 14:23
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/16/25 14:10	07/16/25 14:23
Sulfate	ND		mg/L	1.0	0.18	07/16/25 14:10	07/16/25 14:23

Type:	**Lab Control Sample**	**Lab ID:**	**QC1274786**	**Batch:**	**376526**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1274786 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.04	10.00	mg/L	100%		90-110
Chloride	49.02	50.00	mg/L	98%		90-110
Bromide	15.36	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.731	4.518	mg/L	105%		90-110
Sulfate	25.28	25.00	mg/L	101%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1274787**	**Batch:**	**376526**
Matrix (Source ID):	**Water (537655-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1274787 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.99	0.1089	20.00	mg/L	104%		80-129	1
Chloride	112.7	7.949	100.0	mg/L	105%		80-123	1
Bromide	15.32	ND	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.959	0.4612	9.036	mg/L	105%		80-123	1
Sulfate	52.63	0.9923	50.00	mg/L	103%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1274788**	**Batch:**	**376526**
Matrix (Source ID):	**Water (537655-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1274788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.37	0.1089	20.00	mg/L	116%		80-129	11	21	1
Chloride	123.1	7.949	100.0	mg/L	115%		80-123	9	20	1
Bromide	16.81	ND	15.00	mg/L	112%		80-121	9	20	1
Nitrogen, Nitrate	10.91	0.4612	9.036	mg/L	116%		80-123	9	20	1
Sulfate	59.14	0.9923	50.00	mg/L	116%		79-124	12	20	1

Batch QC

Type:	Matrix Spike	Lab ID:	QC1274789	Batch:	376526
Matrix (Source ID):	Water (537704-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1274789 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.82	0.8644	20.00	mg/L	105%		80-129	1
Chloride	159.0	56.38	100.0	mg/L	103%		80-123	1
Bromide	15.48	0.1474	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.735	0.1242	9.036	mg/L	106%		80-123	1
Sulfate	163.8	119.8	50.00	mg/L	88%	E	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1274790	Batch:	376526
Matrix (Source ID):	Water (537704-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1274790 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.09	0.8644	20.00	mg/L	106%		80-129	1	21	1
Chloride	160.0	56.38	100.0	mg/L	104%		80-123	1	20	1
Bromide	15.66	0.1474	15.00	mg/L	103%		80-121	1	20	1
Nitrogen, Nitrate	9.833	0.1242	9.036	mg/L	107%		80-123	1	20	1
Sulfate	164.5	119.8	50.00	mg/L	89%	E	79-124		20	1

Type:	Blank	Lab ID:	QC1277109	Batch:	377198
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

Type:	Lab Control Sample	Lab ID:	QC1277110	Batch:	377198
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type:	Matrix Spike	Lab ID:	QC1277111	Batch:	377198
Matrix (Source ID):	Water (537588-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1277112	Batch:	377198
Matrix (Source ID):	Water (537588-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type:	Matrix Spike	Lab ID:	QC1277113	Batch:	377198
Matrix (Source ID):	Water (537588-003)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1277114	Batch:	377198
Matrix (Source ID):	Water (537588-003)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type:	Blank	Lab ID:	QC1276657	Batch:	377063
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Type:	Lab Control Sample	Lab ID:	QC1276658	Batch:	377063
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type:	Matrix Spike	Lab ID:	QC1276659	Batch:	377063
Matrix (Source ID):	Water (537395-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1276660	Batch:	377063
Matrix (Source ID):	Water (537395-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Type:	Matrix Spike	Lab ID:	QC1276796	Batch:	377063
Matrix (Source ID):	Water (537753-004)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1276797	Batch:	377063
Matrix (Source ID):	Water (537753-004)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type:	Blank	Lab ID:	QC1274879	Batch:	376557
Matrix:	Filtrate	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274879 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	07/16/25	07/17/25
Calcium	ND		mg/L	0.57	0.57	07/16/25	07/17/25
Iron	ND		mg/L	0.046	0.046	07/16/25	07/17/25
Magnesium	0.058	J	mg/L	0.10	0.025	07/16/25	07/17/25
Manganese	0.014		mg/L	0.010	0.0029	07/16/25	07/17/25
Potassium	ND		mg/L	0.50	0.40	07/16/25	07/17/25
Sodium	0.84		mg/L	0.50	0.35	07/16/25	07/17/25

Type:	Lab Control Sample	Lab ID:	QC1274880	Batch:	376557
Matrix:	Filtrate	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3564	0.4000	mg/L	89%		80-120
Calcium	17.88	20.40	mg/L	88%		80-120
Iron	0.3649	0.4000	mg/L	91%		80-120
Magnesium	18.05	20.40	mg/L	88%		80-120
Manganese	0.3740	0.4000	mg/L	94%		80-120
Potassium	21.00	24.00	mg/L	88%		80-120
Sodium	18.62	20.40	mg/L	91%		80-120

Batch QC

Type:	Matrix Spike	Lab ID:	QC1274881	Batch:	376557
Matrix (Source ID):	Water (537588-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274881 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5617	0.1992	0.4000	mg/L	91%		75-125	1
Calcium	52.66	35.29	20.40	mg/L	85%		75-125	1
Iron	0.7057	0.3429	0.4000	mg/L	91%		75-125	1
Magnesium	23.48	5.534	20.40	mg/L	88%		75-125	1
Manganese	0.3971	0.03385	0.4000	mg/L	91%		75-125	1
Potassium	23.39	1.541	24.00	mg/L	91%		75-125	1
Sodium	203.8	188.0	20.40	mg/L	78%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1274882	Batch:	376557
Matrix (Source ID):	Water (537588-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1274882 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5587	0.1992	0.4000	mg/L	90%		75-125	1	20	1
Calcium	52.62	35.29	20.40	mg/L	85%		75-125	0	20	1
Iron	0.7032	0.3429	0.4000	mg/L	90%		75-125	0	22	1
Magnesium	23.40	5.534	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.3942	0.03385	0.4000	mg/L	90%		75-125	1	20	1
Potassium	23.32	1.541	24.00	mg/L	91%		75-125	0	20	1
Sodium	204.2	188.0	20.40	mg/L	79%	NM	75-125	0	20	1

Type:	Lab Control Sample	Lab ID:	QC1278721	Batch:	377656
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1278721 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.04	50.00	ug/L	100%		69-128
MTBE	57.12	50.00	ug/L	114%		66-125
Benzene	52.94	50.00	ug/L	106%		76-121
Trichloroethene	47.76	50.00	ug/L	96%		76-124
Toluene	50.55	50.00	ug/L	101%		76-120
Chlorobenzene	49.90	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	44.53	50.00	ug/L	89%		70-130
1,2-Dichloroethane-d4	47.27	50.00	ug/L	95%		70-130
Toluene-d8	49.06	50.00	ug/L	98%		70-130
Bromofluorobenzene	49.57	50.00	ug/L	99%		70-130

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Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1278722**	**Batch:**	**377656**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1278722 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.27	50.00	ug/L	93%		69-128	8	23
MTBE	53.63	50.00	ug/L	107%		66-125	6	22
Benzene	50.44	50.00	ug/L	101%		76-121	5	21
Trichloroethene	44.72	50.00	ug/L	89%		76-124	7	22
Toluene	47.36	50.00	ug/L	95%		76-120	7	21
Chlorobenzene	46.63	50.00	ug/L	93%		78-120	7	20
Surrogates								
Dibromofluoromethane	44.76	50.00	ug/L	90%		70-130		
1,2-Dichloroethane-d4	47.31	50.00	ug/L	95%		70-130		
Toluene-d8	49.28	50.00	ug/L	99%		70-130		
Bromofluorobenzene	49.57	50.00	ug/L	99%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1278725	Batch: 377656
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278725 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Freon 12	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Chloromethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Bromomethane	ND		ug/L	5.0	0.3	07/29/25	07/29/25
Chloroethane	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Acetone	ND		ug/L	100	8.8	07/29/25	07/29/25
Freon 113	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/29/25	07/29/25
MTBE	ND		ug/L	5.0	0.1	07/29/25	07/29/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
2-Butanone	1.4	J	ug/L	100	0.9	07/29/25	07/29/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Chloroform	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/29/25	07/29/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Benzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Trichloroethene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Dibromomethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/29/25	07/29/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Toluene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/29/25	07/29/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/29/25	07/29/25
m,p-Xylenes	ND		ug/L	10	0.1	07/29/25	07/29/25
o-Xylene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Styrene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Bromoform	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/29/25	07/29/25

ENTHALPY ANALYTICAL

Batch QC

QC1278725 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Bromobenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/29/25	07/29/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/29/25	07/29/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Naphthalene	ND		ug/L	5.0	0.3	07/29/25	07/29/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/29/25	07/29/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Xylene (total)	ND		ug/L	5.0		07/29/25	07/29/25
Surrogates				**Limits**			
Dibromofluoromethane	95%		%REC	70-130		07/29/25	07/29/25
1,2-Dichloroethane-d4	102%		%REC	70-130		07/29/25	07/29/25
Toluene-d8	97%		%REC	70-130		07/29/25	07/29/25
Bromofluorobenzene	97%		%REC	70-130		07/29/25	07/29/25

Type:	**Matrix Spike**	**Lab ID:**	**QC1278846**	**Batch:**	**377656**
Matrix (Source ID):	**Water (537704-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1278846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.71	ND	20.00	ug/L	84%		62-131	1
MTBE	18.50	ND	20.00	ug/L	92%		61-124	1
Benzene	18.07	ND	20.00	ug/L	90%		70-123	1
Trichloroethene	17.04	ND	20.00	ug/L	85%		65-131	1
Toluene	17.44	ND	20.00	ug/L	87%		69-120	1
Chlorobenzene	17.65	ND	20.00	ug/L	88%		72-121	1
Surrogates								
Dibromofluoromethane	45.51		50.00	ug/L	91%		70-130	1
1,2-Dichloroethane-d4	47.78		50.00	ug/L	96%		70-130	1
Toluene-d8	49.09		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	48.71		50.00	ug/L	97%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1278847	Batch:	377656
Matrix (Source ID):	Water (537704-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1278847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.99	ND	20.00	ug/L	80%		62-131	4	31	1
MTBE	17.62	ND	20.00	ug/L	88%		61-124	5	30	1
Benzene	17.02	ND	20.00	ug/L	85%		70-123	6	31	1
Trichloroethene	15.54	ND	20.00	ug/L	78%		65-131	9	31	1
Toluene	15.87	ND	20.00	ug/L	79%		69-120	9	29	1
Chlorobenzene	16.10	ND	20.00	ug/L	80%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	45.39		50.00	ug/L	91%		70-130			1
1,2-Dichloroethane-d4	48.37		50.00	ug/L	97%		70-130			1
Toluene-d8	48.74		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	48.96		50.00	ug/L	98%		70-130			1

Type:	Blank	Lab ID:	QC1274864	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274864 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/16/25	07/17/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		07/16/25	07/17/25

Type:	Lab Control Sample	Lab ID:	QC1274866	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274866 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.56	10.00	ug/L	116%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1274867	Batch:	376555
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1274867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.914	10.00	ug/L	99%		79-120	15	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.09	10.00	ug/L	101%		80-120		

Type:	Blank	Lab ID:	QC1274974	Batch:	376582
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1274974 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/16/25	07/16/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1274975**	**Batch:**	**376582**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1274975 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1274976**	**Batch:**	**376582**
Matrix (Source ID):	**Water (537704-005)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1274976 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1274977**	**Batch:**	**376582**
Matrix (Source ID):	**Water (537704-005)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1274977 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type:	**Blank**	**Lab ID:**	**QC1275692**	**Batch:**	**376801**
Matrix:	**Water**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1275692 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/18/25	07/18/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1275693**	**Batch:**	**376801**
Matrix:	**Water**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1275693 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.30	25.00	mg/L	97%		85-115

Type:	**Matrix Spike**	**Lab ID:**	**QC1275694**	**Batch:**	**376801**
Matrix (Source ID):	**Water (537668-001)**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1275694 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	90.21	68.59	25.00	mg/L	86%		75-125	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1275695**	**Batch:**	**376801**
Matrix (Source ID):	**Water (537668-001)**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1275695 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	91.44	68.59	25.00	mg/L	91%		75-125	1	25	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1276264	Batch: 376950
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276264 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		07/17/25	07/17/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1276265	Batch: 376950
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276265 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	920.0	1000	mg/L	92%		90-110

Type: Sample Duplicate	Lab ID: QC1276266	Batch: 376950
Matrix (Source ID): Water (537932-001)	Method: SM2320B	Prep Method: METHOD

QC1276266 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	35.11	33.67	mg/L		4	20	1
Alkalinity, Total as CaCO3	35.11	33.67	mg/L		4	20	1

Type: Blank	Lab ID: QC1276277	Batch: 376956
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276277 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		07/21/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276278	Batch: 376956
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276278 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	991.0	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1276279	Batch: 376956
Matrix (Source ID): Water (537704-001)	Method: SM2540C	Prep Method: METHOD

QC1276279 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	972.0	944.0	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1276280	Batch: 376956
Matrix (Source ID): Water (537900-002)	Method: SM2540C	Prep Method: METHOD

QC1276280 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,944	2930	mg/L		0	5	2

Batch QC

*	Value is outside QC limits
E	Response exceeds instrument's linear range
J	Estimated value
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 537704

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507B44

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-537704

Project Location:
Project Received: 07/17/2025

Analytical Report reviewed & approved for release on 07/22/2025 by:



Jena Alfaro
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507B44
Project: EO-537704

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507B44

Project: EO-537704

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507B44
Date Received:	07/17/2025 9:23	**Extraction Method:**	RSK175
Date Prepared:	07/22/2025	**Analytical Method:**	RSK175
Project:	EO-537704	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2507B44-001A	Water	07/15/2025 08:02	GC26 0722250904.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1400**	50	50	1	07/22/2025 11:21

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2507B44-002A	Water	07/15/2025 09:03	GC26 0722250905.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**580**	50	50	1	07/22/2025 11:34

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2507B44-003A	Water	07/15/2025 09:57	GC26 0722250906.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**340**	50	50	1	07/22/2025 11:52

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507B44
Date Received:	07/17/2025 9:23	**Extraction Method:**	RSK175
Date Prepared:	07/22/2025	**Analytical Method:**	RSK175
Project:	EO-537704	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2507B44-004A	Water	07/15/2025 11:05	GC26 0722250908.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3800**	200	200	4	07/22/2025 13:32

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2507B44-005A	Water	07/15/2025 12:11	GC26 0722250910.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**38,000**	2000	2000	40	07/22/2025 14:03

Analyst(s): CLO

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507B44
Date Prepared:	07/22/2025	**BatchID:**	321973
Date Analyzed:	07/22/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-537704	**Sample ID:**	MB/LCS/LCSD-321973

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	74	73	70-130	1.45	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2507B44 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-537704

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 3 days;

Date Received: **07/17/2025**
Date Logged: **07/18/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507B44-001	DW-12	Water	7/15/2025 08:02	☐	A	A										
2507B44-002	DW-7	Water	7/15/2025 09:03	☐	A	A										
2507B44-003	DW-21	Water	7/15/2025 09:57	☐	A	A										
2507B44-004	DW-18	Water	7/15/2025 11:05	☐	A	A										
2507B44-005	DW-31	Water	7/15/2025 12:11	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-537704 **Work Order:** 2507B44
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 7/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 8:02	3 days	7/22/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 9:03	3 days	7/22/2025	None	☐	☐
003A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 9:57	3 days	7/22/2025	None	☐	☐
004A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 11:05	3 days	7/22/2025	None	☐	☐
005A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 12:11	3 days	7/22/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

HOLD TIME RUSH

2507B44

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-537704
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:
Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-12	15-JUL-2025 08:02	537704-001	3	Water	RSK-175 CO2	
DW-7	15-JUL-2025 09:03	537704-002	3	Water	RSK-175 CO2	
DW-21	15-JUL-2025 09:57	537704-003	3	Water	RSK-175 CO2	
DW-18	15-JUL-2025 11:05	537704-004	3	Water	RSK-175 CO2	
DW-31	15-JUL-2025 12:11	537704-005	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date: 7-16-25 14:47	Date: 7/17/25 0923
	Date:	Date:
	Date:	Date:

0.1 cinet
IR43

1 of 1

FEDEX: 882841586600

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	7/17/2025 09:23
Project:	EO-537704	Date Logged:	7/18/2025
		Received by:	Agustina Venegas
WorkOrder №:	2507B44 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 0.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537753
Report Level : II
Report Date : 07/31/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	537753 GW MONITORING Chiquita Canyon Landfill 07/16/25

Sample ID	Lab ID	Collected	Matrix
DW-15	537753-001	07/16/25 08:12	Water
DW-1	537753-002	07/16/25 09:08	Water
DW-16	537753-003	07/16/25 10:11	Water
DW-3	537753-004	07/16/25 11:18	Water
QCFB	537753-005	07/16/25 08:15	Water
QCTB	537753-006	07/16/25 08:15	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 537753 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 07/16/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 07/17/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 537753

Page: 1 of 1

Turn Around Time (rush by advanced notice only)					
Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Login 537753

IR 17
4-5, 4-5 / 4-4, 4-4
Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-15	7/16/25	812	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-1		908				X	X	X	X	X	X	X	X	X
3	DW-16		1011				X	X	X	X	X	X	X	X	X
4	DW-3		1118				X	X	X	X	X	X	X	X	X
5	QCFB		815		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Paul Chang	CEI	7/16/25 12:36
1 Received By:		Alice Tahmasian	EA/NH	7/16/25 12:36
2 Relinquished By:		Alice Tahmasian	EA/NH	7/17/25 9:12
2 Received By:		Gema O.	EA/NH	7-17-25 9:12
3 Relinquished By:		Gema O.	EA/NH	7-17-25 12:00
3 Received By:		NIMA	EA	7-17-25 1365

NIMA EA 7-17-25 1500 Rec: Robin 7-17-25 15:00

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7/16/25 WO# 537753 Client: Chiquita Canyon landfill

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☒ No**

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7/16/25 By (initials) AXT Type of ice used : ☐ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: 0.7

Cooler Temp (°C) #1: 10.5/9.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)**_____ **(sign)**_____

Date Labeled _____ **By (print)**_____ **(sign)**_____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7/17/25 WO# 537753 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7/17/25 By (initials) NIG Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 4.5 / 4.5 #2: 4.4 / 4.4 #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 7/16/25 **By (print)** AXT **(sign)** _____

Date Labeled 7/16/25 **By (print)** EA - LA **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 537753

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537753
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 07/16/25

Sample ID: DW-15 **Lab ID: 537753-001** **Collected: 07/16/25 08:12**
Matrix: Water

537753-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Chloride	**76**		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Bromide	**0.15**	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/17/25 21:39	SSN
Sulfate	**1,500**		mg/L	20	3.7	20	376695	07/17/25 18:45	07/17/25 22:13	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.15**		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.23**		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	**240**		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	**0.91**		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	**35**		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	**0.61**		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	**2.9**		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	**410**		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	**0.2**	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	**0.09**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537753

537753-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	**0.2**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	93%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537753

537753-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.4**		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**200**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	**200**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**2,500**		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537753

Sample ID: DW-1	Lab ID: 537753-002	Collected: 07/16/25 09:08
	Matrix: Water	

537753-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.85**		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Chloride	**110**		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Bromide	**0.26**	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/17/25 22:30	SSN
Sulfate	**360**		mg/L	10	1.8	10	376695	07/17/25 18:45	07/18/25 09:36	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.22**		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	**57**		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	ND		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	**11**		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	**0.047**		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	**2.5**		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	**220**		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	**0.09**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

537753-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	**0.2**	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	94%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

537753-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.0**		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	**190**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**910**		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

Sample ID: DW-16	Lab ID: 537753-003	Collected: 07/16/25 10:11
	Matrix: Water	

537753-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.44**		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Chloride	**110**		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Bromide	**0.22**	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Nitrogen, Nitrate	**2.3**		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/18/25 09:53	SSN
Sulfate	**190**		mg/L	10	1.8	10	376695	07/17/25 18:45	07/18/25 10:10	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.13**		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	**6.9**		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	ND		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	**0.39**		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	**0.92**		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	**240**		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	**0.08**	J	ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	**0.5**	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	**1.1**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	**0.6**	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	**0.07**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537753

537753-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	**0.2**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	**0.6**	J	ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	**0.6**	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	**0.2**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	95%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537753

537753-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.3**		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**220**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	**240**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**750**		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

Sample ID: DW-3	Lab ID: 537753-004	Collected: 07/16/25 11:18
	Matrix: Water	

537753-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.72**		mg/L	0.20	0.073	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Chloride	**59**		mg/L	1.0	0.27	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Bromide	**0.15**	J	mg/L	0.30	0.060	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	376695	07/17/25 18:45	07/18/25 10:27	SSN
Sulfate	**100**		mg/L	10	1.8	10	376695	07/17/25 18:45	07/18/25 10:43	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.27**		mg/L	0.050	0.0062	1	376711	07/17/25	07/18/25	SBW
Calcium	**34**		mg/L	1.0	0.57	1	376711	07/17/25	07/18/25	SBW
Iron	ND		mg/L	0.10	0.041	1	376711	07/17/25	07/18/25	SBW
Magnesium	**4.2**		mg/L	0.10	0.025	1	376711	07/17/25	07/18/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376711	07/17/25	07/18/25	SBW
Potassium	**1.7**		mg/L	0.50	0.42	1	376711	07/17/25	07/18/25	SBW
Sodium	**120**		mg/L	0.50	0.34	1	376711	07/17/25	07/18/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	**2.7**	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	**0.09**	J	ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	**0.2**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537753

537753-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	**0.06**	J	ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	**0.6**	J	ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	95%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	96%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 537753

537753-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376859	07/19/25	07/21/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	376859	07/19/25	07/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376814	07/18/25	07/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	377045	07/22/25	07/22/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**180**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Alkalinity, Total as CaCO3	**180**		mg/L	5.0		2.5	376952	07/21/25	07/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**470**		mg/L	20		2	377061	07/22/25	07/23/25	RDL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

Sample ID: QCFB	Lab ID: 537753-005	Collected: 07/16/25 08:15
	Matrix: Water	

537753-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	**0.6**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

537753-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	96%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

Sample ID: QCTB	Lab ID: 537753-006	Collected: 07/16/25 08:15
	Matrix: Water	

537753-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Acetone	ND		ug/L	100	8.8	1	377784	07/30/25	07/30/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377784	07/30/25	07/30/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Chloroform	**0.7**	J	ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377784	07/30/25	07/30/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377784	07/30/25	07/30/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377784	07/30/25	07/30/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 537753

537753-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377784	07/30/25	07/30/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377784	07/30/25	07/30/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377784	07/30/25	07/30/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377784	07/30/25	07/30/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377784	07/30/25	07/30/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377784	07/30/25	07/30/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377784	07/30/25	07/30/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377784	07/30/25	07/30/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377784	07/30/25	07/30/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377784	07/30/25	07/30/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	92%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Toluene-d8	96%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377784	07/30/25	07/30/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1275315	Batch: 376695
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1275315 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/17/25 18:45	07/17/25 18:56
Chloride	ND		mg/L	1.0	0.27	07/17/25 18:45	07/17/25 18:56
Bromide	ND		mg/L	0.30	0.060	07/17/25 18:45	07/17/25 18:56
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/17/25 18:45	07/17/25 18:56
Sulfate	ND		mg/L	1.0	0.18	07/17/25 18:45	07/17/25 18:56

Type: Lab Control Sample	Lab ID: QC1275316	Batch: 376695
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1275316 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.73	10.00	mg/L	107%		90-110
Chloride	49.33	50.00	mg/L	99%		90-110
Bromide	15.46	15.00	mg/L	103%		90-110
Nitrogen, Nitrate	4.765	4.518	mg/L	105%		90-110
Sulfate	25.69	25.00	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1275323	Batch: 376695
Matrix (Source ID): Water (537598-001)	Method: EPA 300.0	Prep Method: METHOD

QC1275323 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.73	ND	20.00	mg/L	109%		80-129	1
Chloride	105.6	2.566	100.0	mg/L	103%		80-123	1
Bromide	15.16	ND	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	13.59	4.457	9.036	mg/L	101%		80-123	1
Sulfate	90.01	40.63	50.00	mg/L	99%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1275324	Batch: 376695
Matrix (Source ID): Water (537598-001)	Method: EPA 300.0	Prep Method: METHOD

QC1275324 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.71	ND	20.00	mg/L	109%		80-129	0	21	1
Chloride	105.7	2.566	100.0	mg/L	103%		80-123	0	20	1
Bromide	15.17	ND	15.00	mg/L	101%		80-121	0	20	1
Nitrogen, Nitrate	13.61	4.457	9.036	mg/L	101%		80-123	0	20	1
Sulfate	89.99	40.63	50.00	mg/L	99%		79-124	0	20	1

Type: Blank	Lab ID: QC1277109	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1277110	Batch:	377198
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type:	Matrix Spike	Lab ID:	QC1277111	Batch:	377198
Matrix (Source ID):	Water (537588-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1277112	Batch:	377198
Matrix (Source ID):	Water (537588-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type:	Matrix Spike	Lab ID:	QC1277113	Batch:	377198
Matrix (Source ID):	Water (537588-003)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1277114	Batch:	377198
Matrix (Source ID):	Water (537588-003)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type:	Blank	Lab ID:	QC1276657	Batch:	377063
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Type:	Lab Control Sample	Lab ID:	QC1276658	Batch:	377063
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

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Batch QC

Type:	Matrix Spike	Lab ID:	QC1276659	Batch:	377063
Matrix (Source ID):	Water (537395-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1276660	Batch:	377063
Matrix (Source ID):	Water (537395-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Type:	Matrix Spike	Lab ID:	QC1276796	Batch:	377063
Matrix (Source ID):	Water (537753-004)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1276797	Batch:	377063
Matrix (Source ID):	Water (537753-004)	Method:	EPA 410.4	Prep Method:	METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type:	Blank	Lab ID:	QC1275379	Batch:	376711
Matrix:	Filtrate	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1275379 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	07/17/25	07/17/25
Calcium	ND		mg/L	0.57	0.57	07/17/25	07/17/25
Iron	ND		mg/L	0.046	0.046	07/17/25	07/17/25
Magnesium	ND		mg/L	0.10	0.025	07/17/25	07/17/25
Manganese	ND		mg/L	0.010	0.0029	07/17/25	07/17/25
Potassium	ND		mg/L	0.50	0.40	07/17/25	07/17/25
Sodium	ND		mg/L	0.50	0.35	07/17/25	07/17/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1275380**	**Batch:**	**376711**
Matrix:	**Filtrate**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1275380 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3312	0.4000	mg/L	83%		80-120
Calcium	17.20	20.40	mg/L	84%		80-120
Iron	0.3503	0.4000	mg/L	88%		80-120
Magnesium	17.52	20.40	mg/L	86%		80-120
Manganese	0.3468	0.4000	mg/L	87%		80-120
Potassium	20.41	24.00	mg/L	85%		80-120
Sodium	17.58	20.40	mg/L	86%		80-120

Type:	**Matrix Spike**	**Lab ID:**	**QC1275381**	**Batch:**	**376711**
Matrix (Source ID):	**Water (537668-002)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1275381 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	5.851	5.523	0.4000	mg/L	82%	NM	75-125	1
Calcium	290.3	277.0	20.40	mg/L	66%	NM	75-125	1
Iron	0.6267	0.2836	0.4000	mg/L	86%		75-125	1
Magnesium	263.9	247.5	20.40	mg/L	80%	NM	75-125	1
Manganese	44.81	44.80	0.4000	mg/L	4%	NM	75-125	1
Potassium	31.73	9.352	24.00	mg/L	93%		75-125	1
Sodium	1,860	1870	20.40	mg/L	-48%	E,NM	75-125	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1275382**	**Batch:**	**376711**
Matrix (Source ID):	**Water (537668-002)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1275382 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	5.849	5.523	0.4000	mg/L	82%	NM	75-125	0	20	1
Calcium	291.6	277.0	20.40	mg/L	72%	NM	75-125	0	20	1
Iron	0.6279	0.2836	0.4000	mg/L	86%		75-125	0	22	1
Magnesium	265.2	247.5	20.40	mg/L	87%	NM	75-125	0	20	1
Manganese	44.69	44.80	0.4000	mg/L	-27%	NM	75-125	0	20	1
Potassium	31.57	9.352	24.00	mg/L	93%		75-125	1	20	1
Sodium	1,862	1870	20.40	mg/L	-38%	E,NM	75-125		20	1

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Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1275390**	**Batch:**	**376711**
Matrix (Source ID):	**Water (537743-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1275390 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.3659	0.3645	mg/L				5
Calcium	94.70	94.33	mg/L				5
Iron	1.227	1.207	mg/L				5
Magnesium	34.24	34.08	mg/L				5
Manganese	0.01540	0.01608	mg/L	J			5
Potassium	3.772	3.695	mg/L				5
Sodium	89.58	88.42	mg/L				5

Type:	**Lab Control Sample**	**Lab ID:**	**QC1279184**	**Batch:**	**377784**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1279184 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.47	50.00	ug/L	93%		69-128
MTBE	54.83	50.00	ug/L	110%		66-125
Benzene	50.52	50.00	ug/L	101%		76-121
Trichloroethene	45.30	50.00	ug/L	91%		76-124
Toluene	47.32	50.00	ug/L	95%		76-120
Chlorobenzene	46.90	50.00	ug/L	94%		78-120
Surrogates						
Dibromofluoromethane	45.15	50.00	ug/L	90%		70-130
1,2-Dichloroethane-d4	47.56	50.00	ug/L	95%		70-130
Toluene-d8	49.23	50.00	ug/L	98%		70-130
Bromofluorobenzene	49.80	50.00	ug/L	100%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1279185**	**Batch:**	**377784**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1279185 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	44.81	50.00	ug/L	90%		69-128	4	23
MTBE	53.29	50.00	ug/L	107%		66-125	3	22
Benzene	48.44	50.00	ug/L	97%		76-121	4	21
Trichloroethene	43.78	50.00	ug/L	88%		76-124	3	22
Toluene	46.11	50.00	ug/L	92%		76-120	3	21
Chlorobenzene	45.51	50.00	ug/L	91%		78-120	3	20
Surrogates								
Dibromofluoromethane	44.84	50.00	ug/L	90%		70-130		
1,2-Dichloroethane-d4	47.29	50.00	ug/L	95%		70-130		
Toluene-d8	49.21	50.00	ug/L	98%		70-130		
Bromofluorobenzene	49.72	50.00	ug/L	99%		70-130		

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Batch QC

Type: Blank	**Lab ID:** QC1279188	**Batch:** 377784	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1279188 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Freon 12	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Chloromethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Bromomethane	ND		ug/L	5.0	0.3	07/30/25	07/30/25
Chloroethane	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Acetone	ND		ug/L	100	8.8	07/30/25	07/30/25
Freon 113	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/30/25	07/30/25
MTBE	ND		ug/L	5.0	0.1	07/30/25	07/30/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
2-Butanone	ND		ug/L	100	0.9	07/30/25	07/30/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Chloroform	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/30/25	07/30/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Benzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Trichloroethene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Dibromomethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/30/25	07/30/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Toluene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/30/25	07/30/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/30/25	07/30/25
m,p-Xylenes	ND		ug/L	10	0.1	07/30/25	07/30/25
o-Xylene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Styrene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Bromoform	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/30/25	07/30/25

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Batch QC

QC1279188 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Bromobenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/30/25	07/30/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/30/25	07/30/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Naphthalene	ND		ug/L	5.0	0.3	07/30/25	07/30/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/30/25	07/30/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Xylene (total)	ND		ug/L	5.0		07/30/25	07/30/25
Surrogates				**Limits**			
Dibromofluoromethane	95%		%REC	70-130		07/30/25	07/30/25
1,2-Dichloroethane-d4	101%		%REC	70-130		07/30/25	07/30/25
Toluene-d8	97%		%REC	70-130		07/30/25	07/30/25
Bromofluorobenzene	98%		%REC	70-130		07/30/25	07/30/25

Type: Matrix Spike **Lab ID:** QC1279231 **Batch:** 377784
Matrix (Source ID): Water (538054-001) **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1279231 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	359.7	ND	400.0	ug/L	90%		62-131	20
MTBE	421.3	ND	400.0	ug/L	105%		61-124	20
Benzene	403.7	0.08537	400.0	ug/L	101%		70-123	20
Trichloroethene	369.5	ND	400.0	ug/L	92%		65-131	20
Toluene	378.1	0.05196	400.0	ug/L	95%		69-120	20
Chlorobenzene	382.7	ND	400.0	ug/L	96%		72-121	20
Surrogates								
Dibromofluoromethane	924.3		1000	ug/L	92%		70-130	20
1,2-Dichloroethane-d4	965.4		1000	ug/L	97%		70-130	20
Toluene-d8	975.7		1000	ug/L	98%		70-130	20
Bromofluorobenzene	993.4		1000	ug/L	99%		70-130	20

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1279232	Batch:	377784
Matrix (Source ID):	Water (538054-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1279232 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	287.2	ND	400.0	ug/L	72%		62-131	22	31	20
MTBE	331.7	ND	400.0	ug/L	83%		61-124	24	30	20
Benzene	322.9	0.08537	400.0	ug/L	81%		70-123	22	31	20
Trichloroethene	308.8	ND	400.0	ug/L	77%		65-131	18	31	20
Toluene	315.3	0.05196	400.0	ug/L	79%		69-120	18	29	20
Chlorobenzene	316.2	ND	400.0	ug/L	79%		72-121	19	29	20
Surrogates										
Dibromofluoromethane	903.0		1000	ug/L	90%		70-130			20
1,2-Dichloroethane-d4	950.3		1000	ug/L	95%		70-130			20
Toluene-d8	1,001		1000	ug/L	100%		70-130			20
Bromofluorobenzene	993.6		1000	ug/L	99%		70-130			20

Type:	Blank	Lab ID:	QC1275913	Batch:	376859
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1275913 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/19/25	07/21/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		07/19/25	07/21/25

Type:	Lab Control Sample	Lab ID:	QC1275914	Batch:	376859
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1275914 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.70	10.00	ug/L	107%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.24	10.00	ug/L	102%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1275915	Batch:	376859
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1275915 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	11.02	10.00	ug/L	110%		79-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.55	10.00	ug/L	105%		80-120		

Type:	Blank	Lab ID:	QC1275756	Batch:	376814
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1275756 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/18/25	07/18/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1275757 **Batch:** 376814
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1275757 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1275758 **Batch:** 376814
Matrix (Source ID): Water (537918-005) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1275758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1275759 **Batch:** 376814
Matrix (Source ID): Water (537918-005) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1275759 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank **Lab ID:** QC1276592 **Batch:** 377045
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1276592 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/22/25	07/22/25

Type: Lab Control Sample **Lab ID:** QC1276593 **Batch:** 377045
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1276593 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.29	25.00	mg/L	93%		85-115

Type: Matrix Spike **Lab ID:** QC1276594 **Batch:** 377045
Matrix (Source ID): Water (537753-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1276594 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.48	1.432	25.00	mg/L	104%		75-125	1

Type: Matrix Spike Duplicate **Lab ID:** QC1276595 **Batch:** 377045
Matrix (Source ID): Water (537753-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1276595 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	29.16	1.432	25.00	mg/L	111%		75-125	6	25	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1276267	Batch: 376952
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1276267 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		07/21/25	07/21/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		07/21/25	07/21/25

Type: Lab Control Sample	Lab ID: QC1276271	Batch: 376952
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1276271 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	943.4	1000	mg/L	94%		90-110

Type: Sample Duplicate	Lab ID: QC1276649	Batch: 376952
Matrix (Source ID): Water (537776-001)	Method: SM2320B	Prep Method: METHOD

QC1276649 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	209.1	209.5	mg/L		0	20	2.5
Alkalinity, Total as CaCO3	209.1	209.5	mg/L		0	20	2.5

Type: Blank	Lab ID: QC1276654	Batch: 377061
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276654 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		07/22/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276655	Batch: 377061
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276655 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,000	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1276656	Batch: 377061
Matrix (Source ID): Water (537753-001)	Method: SM2540C	Prep Method: METHOD

QC1276656 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,534	2458	mg/L		3	5	2

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 537753

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507D21

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-537753

Project Location:
Project Received: 07/22/2025

Analytical Report reviewed & approved for release on 07/23/2025 by:

Yen Cao

Yen Cao
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507D21
Project: EO-537753

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507D21

Project: EO-537753

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507D21
Date Received:	07/22/2025 9:18	**Extraction Method:**	RSK175
Date Prepared:	07/22/2025	**Analytical Method:**	RSK175
Project:	EO-537753	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2507D21-001A	Water	07/16/2025 08:12	GC26 0722250912.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**13,000**	500	500	10	07/22/2025 15:10

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2507D21-002A	Water	07/16/2025 09:08	GC26 0722250913.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2800**	500	500	10	07/22/2025 15:24

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2507D21-003A	Water	07/16/2025 10:11	GC26 0722250914.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1000**	50	50	1	07/22/2025 15:48

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507D21
Date Received:	07/22/2025 9:18	**Extraction Method:**	RSK175
Date Prepared:	07/22/2025	**Analytical Method:**	RSK175
Project:	EO-537753	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2507D21-004A	Water	07/16/2025 11:18	GC26 0722250915.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3500**	200	200	4	07/22/2025 16:34

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507D21
Date Prepared:	07/22/2025	**BatchID:**	321973
Date Analyzed:	07/22/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-537753	**Sample ID:**	MB/LCS/LCSD-321973

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	74	73	70-130	1.45	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2507D21 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-537753

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: **1 day;**

Date Received: **07/22/2025**
Date Logged: **07/22/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507D21-001	DW-15	Water	7/16/2025 08:12	☐	A	A										
2507D21-002	DW-1	Water	7/16/2025 09:08	☐	A	A										
2507D21-003	DW-16	Water	7/16/2025 10:11	☐	A	A										
2507D21-004	DW-3	Water	7/16/2025 11:18	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-537753 **Work Order:** 2507D21
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 7/22/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-15	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 8:12	1 day	7/23/2025	Present	☐	☐
002A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 9:08	1 day	7/23/2025	None	☐	☐
003A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 10:11	1 day	7/23/2025	None	☐	☐
004A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/16/2025 11:18	1 day	7/23/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

HOLD TIME RUSH

2507D21

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-537753
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-15	16-JUL-2025 08:12	537753-001	3	Water	RSK-175 CO2	
DW-1	16-JUL-2025 09:08	537753-002	3	Water	RSK-175 CO2	
DW-16	16-JUL-2025 10:11	537753-003	3	Water	RSK-175 CO2	
DW-3	16-JUL-2025 11:18	537753-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date:	Date: 7/22/25 0918
	Date:	Date:
	Date:	Date:

1 of 1

FEDEX-882948723365

0.1 CWET IR43

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	7/22/2025 09:18
Project:	EO-537753	Date Logged:	7/22/2025
		Received by:	Agustina Venegas
WorkOrder №:	2507D21 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 0.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 538223
Report Level : II
Report Date : 08/05/2025

Analytical Report *prepared for:*

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Location: Chiquita Canyon Sampling / RM22.1077.00\ Ph 13

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA
94954

Lab Job #: 538223
Location: Chiquita Canyon Sampling / RM22.1077.00\ Ph 13
Date Received: 07/22/25

Sample ID	Lab ID	Collected	Matrix
FP-01	538223-001	07/22/25 11:38	Water
QCFB	538223-002	07/22/25 00:00	Water
QCTB	538223-003	07/22/25 00:00	Water

Case Narrative

RMC Geoscience 775 Baywood Drive Suite 305 Petaluma, CA 94954 Adrienne Thibeault	Lab Job Number: Location: Date Received:	538223 Chiquita Canyon Sampling / RM22.1077.00\ Ph 13 07/22/25

This data package contains sample and QC results for three water samples, requested for the above referenced project on 07/22/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- FP-01 (lab # 538223-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- High recovery was observed for sulfate in the MS for batch 377053; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 538223

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water
DW = Drinking Wate SD = Sediment PP = Pure
Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3
4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Geo-Logic Associates	Quote #:	
Report To:	Adrienne Thibeault	Project Name:	**Chiquita Canyon Sampling**
Email:	athibeault@geo-logic.com	Project #:	RM22.1077.00\ Ph 13
Address:	2777 E Guasti Rd UNIT 1	P.O. #:	
	Ontario, CA 91761	Address:	
Phone:	(909) 677-1093	Global ID:	L0003464243
Fax:		Sampled By:	J. Rekstad

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1,4-Dioxane (EPA 8270C-SIM)	Bicarbonate (as CaCO3), Total Alkalinity (as CaCO3)	Ammonia -N (EPA 350.1)	Carbon Dioxide (free & total) (Sm 4500-CO2 D)	Chemcial Oxygen Demand (EPA 410.4)	Bromide, Chloride, Fluoride, Nitrate-N, Sulfate (EPA 300.0)	Sulfide (SM 4500-S2-D), TOC (SM 5310B)	TDS (SM 2540C)	8260 VOCs (Appx I & Appx II) + DCDFM	Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B)
1	FP-01	7.22.25	1138	Water			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	QCFB	7.22.25	—	Water											✓	
3	QCTB	7.22.25	—	Water											✓	
4																
5																
6																
7																
8																
9																
10																

Test Instructions / Comments

IR 13
6.8/6.8
Ice bagged

Login 538223

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jesse Rekstad	GLA / Field Tech	7.22.25 1443
[1] Received By:		Michael Kynen	EA	7/22/25 1443
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7/22/25 WO# 538223 Client: GEO-LOGIC

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ■ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7/22/25 By (initials) MSK Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: 6.8 / 6.8 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 7/22/25 **By (print)** NCM **(sign)** _____

Date Labeled 7/22/25 **By (print)** JXR **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 538223

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 538223
Location: Chiquita Canyon Sampling / RM22.1077.00
Ph 13
Date Received: 07/22/25

Sample ID: FP-01 **Lab ID: 538223-001** **Collected: 07/22/25 11:38**
Matrix: Water

538223-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.29**		mg/L	0.20	0.073	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Chloride	**110**		mg/L	1.0	0.27	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Bromide	**0.51**		mg/L	0.30	0.060	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Nitrogen, Nitrate	**0.14**		mg/L	0.10	0.05	1	377053	07/22/25 13:08	07/22/25 20:47	AJL
Sulfate	**380**		mg/L	10	1.8	10	377053	07/22/25 13:08	07/22/25 21:04	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.061**	J	mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**140**		mg/L	4.0	2.0	1	377942	07/31/25	07/31/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.44**		mg/L	0.050	0.0062	1	377156	07/23/25	07/23/25	CAP
Calcium	**210**		mg/L	1.0	0.57	1	377156	07/23/25	07/23/25	CAP
Iron	**25**		mg/L	0.10	0.041	1	377156	07/23/25	07/23/25	CAP
Magnesium	**41**		mg/L	0.10	0.025	1	377156	07/23/25	07/23/25	CAP
Manganese	**1.2**		mg/L	0.010	0.0029	1	377156	07/23/25	07/23/25	CAP
Potassium	**5.6**		mg/L	0.50	0.42	1	377156	07/23/25	07/23/25	CAP
Sodium	**140**		mg/L	0.50	0.34	1	377156	07/23/25	07/23/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	0.2	1	377357	07/25/25	07/25/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	377357	07/25/25	07/25/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	2.4	1	377357	07/25/25	07/25/25	ZST
Ethanol	ND		ug/L	500	130	1	377357	07/25/25	07/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	377357	07/25/25	07/25/25	ZST
Iodomethane	ND		ug/L	10	3.0	1	377357	07/25/25	07/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	40	1	377357	07/25/25	07/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	377357	07/25/25	07/25/25	ZST
Vinyl Acetate	ND		ug/L	50	2.5	1	377357	07/25/25	07/25/25	ZST
Acrolein	ND		ug/L	200	1.6	1	377357	07/25/25	07/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.4	1	377357	07/25/25	07/25/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 538223

538223-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Acetone	ND		ug/L	100	8.8	1	377357	07/25/25	07/25/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377357	07/25/25	07/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Benzene	ND		ug/L	1.0	0.07	1	377357	07/25/25	07/25/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377357	07/25/25	07/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377357	07/25/25	07/25/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 538223

538223-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377357	07/25/25	07/25/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Toluene-d8	99%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**5.5**		ug/L	1.0	0.95	1	377246	07/24/25	07/24/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	377246	07/24/25	07/24/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	377112	07/22/25	07/22/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**9.8**		mg/L	1.0	0.24	1	377341	07/24/25	07/24/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**360**		mg/L	10		5	377177	07/24/25	07/24/25	ARM
Alkalinity, Total as CaCO3	**360**		mg/L	10		5	377177	07/24/25	07/24/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	377588	07/28/25	07/29/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 538223

Sample ID: QCFB	Lab ID: 538223-002	Collected: 07/22/25
	Matrix: Water	

538223-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	0.2	1	377357	07/25/25	07/25/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	377357	07/25/25	07/25/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	2.4	1	377357	07/25/25	07/25/25	ZST
Ethanol	ND		ug/L	500	130	1	377357	07/25/25	07/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	377357	07/25/25	07/25/25	ZST
Iodomethane	ND		ug/L	10	3.0	1	377357	07/25/25	07/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	40	1	377357	07/25/25	07/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	377357	07/25/25	07/25/25	ZST
Vinyl Acetate	ND		ug/L	50	2.5	1	377357	07/25/25	07/25/25	ZST
Acrolein	ND		ug/L	200	1.6	1	377357	07/25/25	07/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.4	1	377357	07/25/25	07/25/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Acetone	ND		ug/L	100	8.8	1	377357	07/25/25	07/25/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Methylene Chloride	**6.3**		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377357	07/25/25	07/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Chloroform	**0.7**	J	ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Benzene	ND		ug/L	1.0	0.07	1	377357	07/25/25	07/25/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377357	07/25/25	07/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 538223

538223-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Tetrachloroethene	**0.1**	J	ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377357	07/25/25	07/25/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377357	07/25/25	07/25/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Toluene-d8	100%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 538223

Sample ID: QCTB	Lab ID: 538223-003	Collected: 07/22/25
	Matrix: Water	

538223-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	0.2	1	377357	07/25/25	07/25/25	ZST
Chloroprene	ND		ug/L	200	0.3	1	377357	07/25/25	07/25/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	2.4	1	377357	07/25/25	07/25/25	ZST
Ethanol	ND		ug/L	500	130	1	377357	07/25/25	07/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	377357	07/25/25	07/25/25	ZST
Iodomethane	ND		ug/L	10	3.0	1	377357	07/25/25	07/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	40	1	377357	07/25/25	07/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	377357	07/25/25	07/25/25	ZST
Vinyl Acetate	ND		ug/L	50	2.5	1	377357	07/25/25	07/25/25	ZST
Acrolein	ND		ug/L	200	1.6	1	377357	07/25/25	07/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.4	1	377357	07/25/25	07/25/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Acetone	ND		ug/L	100	8.8	1	377357	07/25/25	07/25/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Methylene Chloride	**0.6**	J	ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	377357	07/25/25	07/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Chloroform	**0.8**	J	ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Benzene	ND		ug/L	1.0	0.07	1	377357	07/25/25	07/25/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377357	07/25/25	07/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Toluene	**0.06**	J	ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377357	07/25/25	07/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 538223

538223-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	377357	07/25/25	07/25/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377357	07/25/25	07/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377357	07/25/25	07/25/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377357	07/25/25	07/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377357	07/25/25	07/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377357	07/25/25	07/25/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377357	07/25/25	07/25/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377357	07/25/25	07/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377357	07/25/25	07/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377357	07/25/25	07/25/25	ZST
Xylene (total)	ND		ug/L	5.0		1	377357	07/25/25	07/25/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Toluene-d8	99%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	377357	07/25/25	07/25/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1276613	**Batch:** 377053
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1276613 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/22/25 13:08	07/22/25 14:41
Chloride	ND		mg/L	1.0	0.27	07/22/25 13:08	07/22/25 14:41
Bromide	ND		mg/L	0.30	0.060	07/22/25 13:08	07/22/25 14:41
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/22/25 13:08	07/22/25 14:41
Sulfate	ND		mg/L	1.0	0.18	07/22/25 13:08	07/22/25 14:41

Type: Lab Control Sample	**Lab ID:** QC1276614	**Batch:** 377053
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1276614 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.831	10.00	mg/L	98%		90-110
Chloride	47.75	50.00	mg/L	95%		90-110
Bromide	14.92	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.595	4.518	mg/L	102%		90-110
Sulfate	24.75	25.00	mg/L	99%		90-110

Type: Matrix Spike	**Lab ID:** QC1276617	**Batch:** 377053
Matrix (Source ID): Water (538108-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1276617 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	25.17	ND	20.00	mg/L	126%		80-129	1
Chloride	133.3	9.949	100.0	mg/L	123%		80-123	1
Bromide	17.45	ND	15.00	mg/L	116%		80-121	1
Nitrogen, Nitrate	10.57	0.07078	9.036	mg/L	116%		80-123	1
Sulfate	70.99	8.072	50.00	mg/L	126%	*	79-124	1

Type: Matrix Spike Duplicate	**Lab ID:** QC1276618	**Batch:** 377053
Matrix (Source ID): Water (538108-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1276618 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.06	ND	20.00	mg/L	115%		80-129	9	21	1
Chloride	123.5	9.949	100.0	mg/L	114%		80-123	8	20	1
Bromide	16.08	ND	15.00	mg/L	107%		80-121	8	20	1
Nitrogen, Nitrate	9.786	0.07078	9.036	mg/L	108%		80-123	8	20	1
Sulfate	65.63	8.072	50.00	mg/L	115%		79-124	8	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1276698	Batch:	377053
Matrix (Source ID):	Water (538204-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1276698 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.14	0.6390	20.00	mg/L	102%		80-129	1
Chloride	176.2	76.92	100.0	mg/L	99%		80-123	1
Bromide	14.71	0.2805	15.00	mg/L	96%		80-121	1
Nitrogen, Nitrate	8.392	ND	9.036	mg/L	93%		80-123	1
Sulfate	274.8	246.1	50.00	mg/L	57%	E,NM	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1276699	Batch:	377053
Matrix (Source ID):	Water (538204-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1276699 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.38	0.6390	20.00	mg/L	104%		80-129	1	21	1
Chloride	177.4	76.92	100.0	mg/L	100%		80-123	1	20	1
Bromide	14.88	0.2805	15.00	mg/L	97%		80-121	1	20	1
Nitrogen, Nitrate	8.368	ND	9.036	mg/L	93%		80-123	0	20	1
Sulfate	275.4	246.1	50.00	mg/L	58%	E,NM	79-124		20	1

Type:	Blank	Lab ID:	QC1277109	Batch:	377198
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

Type:	Lab Control Sample	Lab ID:	QC1277110	Batch:	377198
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type:	Matrix Spike	Lab ID:	QC1277111	Batch:	377198
Matrix (Source ID):	Water (537588-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1277112	Batch:	377198
Matrix (Source ID):	Water (537588-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type:	Matrix Spike	Lab ID:	QC1277113	Batch:	377198
Matrix (Source ID):	Water (537588-003)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1277114	Batch:	377198
Matrix (Source ID):	Water (537588-003)	Method:	EPA 350.1	Prep Method:	METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type:	Blank	Lab ID:	QC1279759	Batch:	377942
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1279759 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/31/25	07/31/25

Type:	Lab Control Sample	Lab ID:	QC1279760	Batch:	377942
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1279760 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	989.0	1000	mg/L	99%		90-110

Type:	Matrix Spike	Lab ID:	QC1279761	Batch:	377942
Matrix (Source ID):	Water (538223-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1279761 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	1,140	137.0	1000	mg/L	100%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1279762**	**Batch:**	**377942**
Matrix (Source ID):	**Water (538223-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1279762 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	1,116	137.0	1000	mg/L	98%		75-125	2	20	2

Type:	**Blank**	**Lab ID:**	**QC1276996**	**Batch:**	**377156**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1276996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	07/23/25	07/23/25
Calcium	ND		mg/L	0.57	0.57	07/23/25	07/23/25
Iron	ND		mg/L	0.041	0.041	07/23/25	07/23/25
Magnesium	ND		mg/L	0.10	0.025	07/23/25	07/23/25
Manganese	ND		mg/L	0.010	0.0029	07/23/25	07/23/25
Potassium	ND		mg/L	0.50	0.42	07/23/25	07/23/25
Sodium	ND		mg/L	0.50	0.34	07/23/25	07/23/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1276997**	**Batch:**	**377156**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1276997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3516	0.4000	mg/L	88%		80-120
Calcium	18.33	20.40	mg/L	90%		80-120
Iron	0.3714	0.4000	mg/L	93%		80-120
Magnesium	18.69	20.40	mg/L	92%		80-120
Manganese	0.3683	0.4000	mg/L	92%		80-120
Potassium	21.39	24.00	mg/L	89%		80-120
Sodium	18.70	20.40	mg/L	92%		80-120

Type:	**Matrix Spike**	**Lab ID:**	**QC1276998**	**Batch:**	**377156**
Matrix (Source ID):	**Water (537395-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1276998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.719	1.367	0.4000	mg/L	88%		75-125	1
Calcium	22.54	4.672	20.40	mg/L	88%		75-125	1
Iron	0.3772	ND	0.4000	mg/L	94%		75-125	1
Magnesium	19.03	0.7834	20.40	mg/L	89%		75-125	1
Manganese	0.3668	0.003580	0.4000	mg/L	91%		75-125	1
Potassium	23.19	0.8843	24.00	mg/L	93%		75-125	1
Sodium	380.8	365.8	20.40	mg/L	73%	NM	75-125	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1276999	Batch:	377156
Matrix (Source ID):	Water (537395-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1276999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.721	1.367	0.4000	mg/L	89%		75-125	0	20	1
Calcium	22.78	4.672	20.40	mg/L	89%		75-125	1	20	1
Iron	0.3797	ND	0.4000	mg/L	95%		75-125	1	22	1
Magnesium	19.28	0.7834	20.40	mg/L	91%		75-125	1	20	1
Manganese	0.3707	0.003580	0.4000	mg/L	92%		75-125	1	20	1
Potassium	23.44	0.8843	24.00	mg/L	94%		75-125	1	20	1
Sodium	378.8	365.8	20.40	mg/L	63%	NM	75-125	1	20	1

Type:	Serial Dilution	Lab ID:	QC1277079	Batch:	377156
Matrix (Source ID):	Water (537395-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1277079 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	1.353	1.367	mg/L				5
Calcium	4.641	4.672	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	0.7449	0.7834	mg/L				5
Manganese	ND	0.003580	mg/L				5
Potassium	ND	0.8843	mg/L				5
Sodium	366.1	365.8	mg/L				5

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Batch QC

Type: Blank	**Lab ID:** QC1277690	**Batch:** 377357	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1277690 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	5.0	0.3	07/25/25	07/25/25
2-Chloroethylvinylether	ND		ug/L	50	0.2	07/25/25	07/25/25
Chloroprene	ND		ug/L	200	0.3	07/25/25	07/25/25
3-Chloropropene	ND		ug/L	5.0	0.2	07/25/25	07/25/25
Ethyl methacrylate	ND		ug/L	50	2.4	07/25/25	07/25/25
Ethanol	ND		ug/L	500	130	07/25/25	07/25/25
2-Hexanone	ND		ug/L	5.0	0.6	07/25/25	07/25/25
Iodomethane	ND		ug/L	10	3.0	07/25/25	07/25/25
Isopropanol (IPA)	ND		ug/L	200	40	07/25/25	07/25/25
Methyl acrylonitrile	ND		ug/L	35	1.3	07/25/25	07/25/25
Vinyl Acetate	ND		ug/L	50	2.5	07/25/25	07/25/25
Acrolein	ND		ug/L	200	1.6	07/25/25	07/25/25
Acrylonitrile	ND		ug/L	10	0.4	07/25/25	07/25/25
Freon 12	ND		ug/L	5.0	0.2	07/25/25	07/25/25
Chloromethane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Bromomethane	ND		ug/L	5.0	0.3	07/25/25	07/25/25
Chloroethane	ND		ug/L	5.0	0.05	07/25/25	07/25/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Acetone	ND		ug/L	100	8.8	07/25/25	07/25/25
Freon 113	ND		ug/L	5.0	0.1	07/25/25	07/25/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/25/25	07/25/25
MTBE	ND		ug/L	5.0	0.1	07/25/25	07/25/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/25/25	07/25/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
2-Butanone	ND		ug/L	100	0.9	07/25/25	07/25/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/25/25	07/25/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/25/25	07/25/25
Chloroform	ND		ug/L	5.0	0.07	07/25/25	07/25/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/25/25	07/25/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/25/25	07/25/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/25/25	07/25/25
Benzene	ND		ug/L	1.0	0.07	07/25/25	07/25/25
Trichloroethene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/25/25	07/25/25
Dibromomethane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/25/25	07/25/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Toluene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/25/25	07/25/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/25/25	07/25/25

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Batch QC

QC1277690 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibromochloromethane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/25/25	07/25/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/25/25	07/25/25
m,p-Xylenes	ND		ug/L	10	0.1	07/25/25	07/25/25
o-Xylene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Styrene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Bromoform	ND		ug/L	5.0	0.08	07/25/25	07/25/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/25/25	07/25/25
Propylbenzene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
Bromobenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/25/25	07/25/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/25/25	07/25/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/25/25	07/25/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/25/25	07/25/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/25/25	07/25/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/25/25	07/25/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/25/25	07/25/25
Naphthalene	ND		ug/L	5.0	0.3	07/25/25	07/25/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/25/25	07/25/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/25/25	07/25/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/25/25	07/25/25
Xylene (total)	ND		ug/L	5.0		07/25/25	07/25/25
Surrogates				**Limits**			
Dibromofluoromethane	106%		%REC	70-130		07/25/25	07/25/25
1,2-Dichloroethane-d4	107%		%REC	70-130		07/25/25	07/25/25
Toluene-d8	100%		%REC	70-130		07/25/25	07/25/25
Bromofluorobenzene	97%		%REC	70-130		07/25/25	07/25/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1277691	Batch: 377357
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277691 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.14	50.00	ug/L	98%		69-128
MTBE	50.87	50.00	ug/L	102%		66-125
Benzene	50.27	50.00	ug/L	101%		76-121
Trichloroethene	52.07	50.00	ug/L	104%		76-124
Toluene	49.42	50.00	ug/L	99%		76-120
Chlorobenzene	49.89	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	47.56	50.00	ug/L	95%		70-130
1,2-Dichloroethane-d4	48.73	50.00	ug/L	97%		70-130
Toluene-d8	50.23	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.41	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1277692	Batch: 377357
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277692 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.70	50.00	ug/L	93%		69-128	5	23
MTBE	49.14	50.00	ug/L	98%		66-125	3	22
Benzene	48.45	50.00	ug/L	97%		76-121	4	21
Trichloroethene	50.78	50.00	ug/L	102%		76-124	2	22
Toluene	48.21	50.00	ug/L	96%		76-120	2	21
Chlorobenzene	48.78	50.00	ug/L	98%		78-120	2	20
Surrogates								
Dibromofluoromethane	47.70	50.00	ug/L	95%		70-130		
1,2-Dichloroethane-d4	48.51	50.00	ug/L	97%		70-130		
Toluene-d8	50.95	50.00	ug/L	102%		70-130		
Bromofluorobenzene	49.53	50.00	ug/L	99%		70-130		

Type: Matrix Spike	Lab ID: QC1277711	Batch: 377357
Matrix (Source ID): Water (537969-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1277711 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.96	ND	20.00	ug/L	105%		62-131	1
MTBE	20.85	ND	20.00	ug/L	104%		61-124	1
Benzene	21.30	ND	20.00	ug/L	107%		70-123	1
Trichloroethene	22.46	ND	20.00	ug/L	112%		65-131	1
Toluene	21.02	ND	20.00	ug/L	105%		69-120	1
Chlorobenzene	21.77	ND	20.00	ug/L	109%		72-121	1
Surrogates								
Dibromofluoromethane	48.48		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	49.27		50.00	ug/L	99%		70-130	1
Toluene-d8	50.33		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	49.08		50.00	ug/L	98%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1277712	Batch:	377357
Matrix (Source ID):	Water (537969-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1277712 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.38	ND	20.00	ug/L	92%		62-131	13	31	1
MTBE	18.61	ND	20.00	ug/L	93%		61-124	11	30	1
Benzene	18.71	ND	20.00	ug/L	94%		70-123	13	31	1
Trichloroethene	19.43	ND	20.00	ug/L	97%		65-131	15	31	1
Toluene	18.12	ND	20.00	ug/L	91%		69-120	15	29	1
Chlorobenzene	18.80	ND	20.00	ug/L	94%		72-121	15	29	1
Surrogates										
Dibromofluoromethane	49.35		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	50.21		50.00	ug/L	100%		70-130			1
Toluene-d8	49.78		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	49.14		50.00	ug/L	98%		70-130			1

Type:	Blank	Lab ID:	QC1277315	Batch:	377246
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1277315 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/24/25	07/24/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		07/24/25	07/24/25

Type:	Lab Control Sample	Lab ID:	QC1277316	Batch:	377246
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1277316 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.59	10.00	ug/L	106%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.39	10.00	ug/L	104%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1277317	Batch:	377246
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1277317 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.802	10.00	ug/L	98%		79-120	8	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.63	10.00	ug/L	106%		80-120		

Type:	Blank	Lab ID:	QC1276774	Batch:	377112
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1276774 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/22/25	07/22/25

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Batch QC

Type: Lab Control Sample **Lab ID:** QC1276775 **Batch:** 377112
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1276775 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1276776 **Batch:** 377112
Matrix (Source ID): Water (538223-001) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1276776 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1276777 **Batch:** 377112
Matrix (Source ID): Water (538223-001) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1276777 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank **Lab ID:** QC1277650 **Batch:** 377341
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1277650 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	07/24/25	07/24/25

Type: Lab Control Sample **Lab ID:** QC1277651 **Batch:** 377341
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1277651 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.67	25.00	mg/L	103%		85-115

Type: Matrix Spike **Lab ID:** QC1277652 **Batch:** 377341
Matrix (Source ID): Water (538328-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1277652 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	47,130	35160	12500	mg/L	96%		75-125	500

Type: Matrix Spike Duplicate **Lab ID:** QC1277653 **Batch:** 377341
Matrix (Source ID): Water (538328-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1277653 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	47,820	35160	12500	mg/L	101%		75-125	1	25	500

ENTHALPY ANALYTICAL

Batch QC

Type: Blank **Lab ID: QC1277050** **Batch: 377177**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1277050 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		07/24/25	07/24/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		07/24/25	07/24/25

Type: Lab Control Sample **Lab ID: QC1277051** **Batch: 377177**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1277051 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	943.4	1000	mg/L	94%		90-110

Type: Sample Duplicate **Lab ID: QC1277052** **Batch: 377177**
Matrix (Source ID): Water (537655-001) **Method: SM2320B** **Prep Method: METHOD**

QC1277052 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	187.3	188.7	mg/L		1	20	2.5
Alkalinity, Total as CaCO3	187.3	188.7	mg/L		1	20	2.5

Type: Blank **Lab ID: QC1278595** **Batch: 377588**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1278595 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		07/28/25	07/29/25

Type: Lab Control Sample **Lab ID: QC1278596** **Batch: 377588**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1278596 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,028	1000	mg/L	103%		90-110

Type: Sample Duplicate **Lab ID: QC1278597** **Batch: 377588**
Matrix (Source ID): Water (538108-001) **Method: SM2540C** **Prep Method: METHOD**

QC1278597 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	476.0	474.0	mg/L		0	5	2

Type: Sample Duplicate **Lab ID: QC1278598** **Batch: 377588**
Matrix (Source ID): Water (538352-001) **Method: SM2540C** **Prep Method: METHOD**

QC1278598 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	824.0	834.0	mg/L		1	5	2

Batch QC

*	Value is outside QC limits
E	Response exceeds instrument's linear range
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 538223

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507F53

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-538223

Project Location:
Project Received: 07/25/2025

Analytical Report reviewed & approved for release on 07/29/2025 by:



Ana Venegas
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507F53

Project: EO-538223

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2507F53

Project: EO-538223

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

b1	Aqueous sample that contains greater than ~1 vol. % sediment

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507F53
Date Received:	07/25/2025 9:54	**Extraction Method:**	RSK175
Date Prepared:	07/25/2025	**Analytical Method:**	RSK175
Project:	EO-538223	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FP-01	2507F53-001A	Water	07/22/2025 11:38	GC26 0725251106.D	322214

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**30,000**	1000	1000	20	07/25/2025 14:29

Analyst(s): PRE

Analytical Comments: b1

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2507F53
Date Prepared:	07/25/2025	**BatchID:**	322214
Date Analyzed:	07/25/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-538223	**Sample ID:**	MB/LCS/LCSD-322214

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	74	75	70-130	1.41	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2507F53 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 054515
Project: EO-538223

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: **2 days;**

Date Received: **07/25/2025**
Date Logged: **07/25/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507F53-001	FP-01	Water	7/22/2025 11:38	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-538223
Comments

Work Order: 2507F53
QC Level: LEVEL 2
Date Logged: 7/25/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	7/22/2025 11:38	2 days	7/29/2025	1%+	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2507FS3

HOLD TIME RUSH

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-538223
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:
Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	22-JUL-2025 11:38	538223-001	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	FedEx
	Date: 7-24-25 14:55	Date:
	FedEx	[signature]
	Date: 7/25/25 0954	Date: 7/25/25 0954
	Date:	Date:

3.2 wet
IPU

TN: 8830 4608 9440

1 of 1

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	7/25/2025 09:54
Project:	EO-538223	Date Logged:	7/25/2025
		Received by:	
WorkOrder №:	2507F53 Matrix:	Logged by:	Valerie Alfaro
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☑	No	☐	NA	☐
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.2°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539423
Report Level : II
Report Date : 08/20/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	539423 GW MONITORING Chiquita Canyon Landfill 08/06/25

Sample ID	Lab ID	Collected	Matrix
DW-28	539423-001	08/06/25 08:27	Water
DW-8	539423-002	08/06/25 09:54	Water
DW-9	539423-003	08/06/25 11:09	Water
DW-29	539423-004	08/06/25 12:16	Water
QCFB	539423-005	08/06/25 09:57	Water
QCTB	539423-006	08/06/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 539423 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 08/06/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 08/06/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD for batch 378634; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD of DW-28 (lab # 539423-001); the LCS was within limits, and the associated RPD was within limits.
- Response exceeding the instrument's linear range was observed for ammonia-N in the MS of DW-8 (lab # 539423-002); affected data was qualified with "E".
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 539423

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

Temp 4.0/+0.0

IR-13

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-28	8/6/25	827	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-8		954				X	X	X	X	X	X	X	X	X
3	DW-9		1109				X	X	X	X	X	X	X	X	X
4	DW-29		1216				X	X	X	X	X	X	X	X	X
5	QCFB		957		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Login 539423

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CGI	8/6/25 1315
[1] Received By:		Jim Lin	EA-NH	8-6-25 1315
[2] Relinquished By:		Jim Lin	EA-NH	8-7-25 13:12
[2] Received By:		Jessica O.	ENTH	8-7-25 13:12
[3] Relinquished By:		Leo Brady	enthalpy	8-7-25 UB 1435 1400
[3] Received By:		Lee Bly	enthalpy	8-7-25 1430
Rec:	AdWi	Adam Dinlmayer	EA	8/7/25 1430

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8.6.25 WO# _____ Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☑ No

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8.6.25 By (initials) JWL Type of ice used : ☑ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 11.1 / 10.4 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☐ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☐ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?			✓

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)**_____ **(sign)**_____

Date Labeled _____ **By (print)**_____ **(sign)**_____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8/7/25 WO# 539423 Client: WASTE CONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☑ No

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☑ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8/7/25 By (initials) LXB Type of ice used: ☑ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR-13 CF: +0.0

Cooler Temp (°C) #1: 4.0 / 4.0 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☑ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☑ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	✓*		
2) Is the sampler's name present on the CoC?	✓		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	✓		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			✓
5) Were all of, and only, the correct samples received?	✓		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	✓		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	✓		
10) Were samples received with > 1/2 holding time remaining?	✓		
11) Are samples properly preserved as indicated by CoC / labels?	✓		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.1* LA service center Courier did not relinquish.

☐ **No additional discrepancies**

Date Logged 8/7/25 **By (print)** FPO **(sign)** _____

Date Labeled 8/7/25 **By (print)** EO-CA **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 539423

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539423
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 08/06/25

Sample ID: DW-28 **Lab ID: 539423-001** **Collected: 08/06/25 08:27**
Matrix: Water

539423-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**1.4**		mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Chloride	**35**		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Bromide	**0.16**	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 20:29	KUM
Sulfate	**460**		mg/L	10	1.8	10	378634	08/07/25 16:50	08/08/25 06:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.35**		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**3.0**	J	mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**1.4**		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	**4.8**		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	ND		mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	**0.81**		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	**0.0039**	J	mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	**1.2**		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	**360**		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539423

539423-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	85%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

539423-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	93%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	101%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**340**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**340**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	379001	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539423

Sample ID: DW-8	Lab ID: 539423-002	Collected: 08/06/25 09:54
	Matrix: Water	

539423-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.14**	J	mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Chloride	**66**		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Bromide	**0.16**	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 21:20	KUM
Sulfate	**2,800**		mg/L	50	9.1	50	378634	08/07/25 16:50	08/08/25 07:10	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.99**		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**3.0**	J	mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**1.1**		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	**370**		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	**5.2**		mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	**210**		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	**0.068**		mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	**7.3**		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	**640**		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539423

539423-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	86%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	95%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	101%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539423

539423-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	112%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.7**		mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**190**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**4,800**		mg/L	20		2	379001	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539423

Sample ID: DW-9	Lab ID: 539423-003	Collected: 08/06/25 11:09
	Matrix: Water	

539423-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**2.2**		mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Chloride	**79**		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Bromide	**0.22**	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Nitrogen, Nitrate	**2.3**		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 22:10	KUM
Sulfate	**690**		mg/L	10	1.8	10	378634	08/07/25 16:50	08/08/25 07:27	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.083**	J	mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**4.0**		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.61**		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	**22**		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	ND		mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	**2.2**		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	ND		mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	**1.7**		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	**390**		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

539423-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	85%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	95%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	104%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539423

539423-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.35**	J	mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**170**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**170**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,400**		mg/L	20		2	379001	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

Sample ID: DW-29	Lab ID: 539423-004	Collected: 08/06/25 12:16
	Matrix: Water	

539423-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.46**		mg/L	0.20	0.073	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Chloride	**89**		mg/L	1.0	0.27	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Bromide	**0.26**	J	mg/L	0.30	0.060	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Nitrogen, Nitrate	**2.5**		mg/L	0.10	0.05	1	378634	08/07/25 16:50	08/07/25 23:01	KUM
Sulfate	**340**		mg/L	10	1.8	10	378634	08/07/25 16:50	08/08/25 07:44	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**10**		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.36**		mg/L	0.050	0.0055	1	378693	08/08/25	08/08/25	DXC
Calcium	**66**		mg/L	1.0	0.57	1	378693	08/08/25	08/08/25	DXC
Iron	**0.071**	J	mg/L	0.10	0.046	1	378693	08/08/25	08/08/25	DXC
Magnesium	**9.0**		mg/L	0.10	0.025	1	378693	08/08/25	08/08/25	DXC
Manganese	**0.10**		mg/L	0.010	0.0029	1	378693	08/08/25	08/08/25	DXC
Potassium	**1.6**		mg/L	0.50	0.40	1	378693	08/08/25	08/08/25	DXC
Sodium	**230**		mg/L	0.60	0.35	1	378693	08/08/25	08/08/25	DXC
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

539423-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	85%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	94%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539423

539423-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378679	08/08/25	08/09/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	378679	08/08/25	08/09/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378661	08/07/25	08/07/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**3.0**		mg/L	1.0	0.24	1	379402	08/15/25	08/19/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**290**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**290**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**980**		mg/L	20		2	379001	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

Sample ID: QCFB	Lab ID: 539423-005	Collected: 08/06/25 09:57
	Matrix: Water	

539423-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	**0.6**	J	ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

539423-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	86%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	93%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

Sample ID: QCTB	Lab ID: 539423-006	Collected: 08/06/25
	Matrix: Water	

539423-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Acetone	ND		ug/L	100	16	1	379387	08/16/25	08/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Methylene Chloride	**0.5**	J	ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
MTBE	ND		ug/L	5.0	0.03	1	379387	08/16/25	08/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379387	08/16/25	08/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Chloroform	**0.7**	J	ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Benzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379387	08/16/25	08/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Toluene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.09	1	379387	08/16/25	08/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
Styrene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Bromoform	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539423

539423-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.05	1	379387	08/16/25	08/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379387	08/16/25	08/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379387	08/16/25	08/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379387	08/16/25	08/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.04	1	379387	08/16/25	08/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379387	08/16/25	08/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379387	08/16/25	08/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379387	08/16/25	08/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379387	08/16/25	08/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379387	08/16/25	08/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379387	08/16/25	08/16/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	86%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
1,2-Dichloroethane-d4	94%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Toluene-d8	102%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	379387	08/16/25	08/16/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1282153**	**Batch:**	**378634**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1282153 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/07/25 16:50	08/07/25 17:08
Chloride	ND		mg/L	1.0	0.27	08/07/25 16:50	08/07/25 17:08
Bromide	ND		mg/L	0.30	0.060	08/07/25 16:50	08/07/25 17:08
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/07/25 16:50	08/07/25 17:08
Sulfate	ND		mg/L	1.0	0.18	08/07/25 16:50	08/07/25 17:08

Type:	**Lab Control Sample**	**Lab ID:**	**QC1282154**	**Batch:**	**378634**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1282154 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.94	10.00	mg/L	109%		90-110
Chloride	48.08	50.00	mg/L	96%		90-110
Bromide	15.12	15.00	mg/L	101%		90-110
Nitrogen, Nitrate	4.689	4.518	mg/L	104%		90-110
Sulfate	25.38	25.00	mg/L	102%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1282155**	**Batch:**	**378634**
Matrix (Source ID):	**Water (539416-016)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1282155 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.44	ND	20.00	mg/L	112%		80-129	1
Chloride	276.9	194.8	100.0	mg/L	82%	E	80-123	1
Bromide	15.31	0.3689	15.00	mg/L	100%		80-121	1
Nitrogen, Nitrate	9.287	ND	9.036	mg/L	103%		80-123	1
Sulfate	51.57	0.3206	50.00	mg/L	102%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1282156**	**Batch:**	**378634**
Matrix (Source ID):	**Water (539416-016)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1282156 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.69	ND	20.00	mg/L	113%		80-129	1	21	1
Chloride	277.0	194.8	100.0	mg/L	82%	E	80-123		20	1
Bromide	15.42	0.3689	15.00	mg/L	100%		80-121	1	20	1
Nitrogen, Nitrate	9.383	ND	9.036	mg/L	104%		80-123	1	20	1
Sulfate	51.94	0.3206	50.00	mg/L	103%		79-124	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1282173	Batch:	378634
Matrix (Source ID):	Water (539423-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1282173 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.80	1.412	20.00	mg/L	107%		80-129	1
Chloride	136.4	35.11	100.0	mg/L	101%		80-123	1
Bromide	14.65	0.1626	15.00	mg/L	97%		80-121	1
Nitrogen, Nitrate	9.127	ND	9.036	mg/L	101%		80-123	1
Sulfate	394.2	463.0	50.00	mg/L	-138%	E,NM	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1282174	Batch:	378634
Matrix (Source ID):	Water (539423-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1282174 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.66	1.412	20.00	mg/L	111%		80-129	4	21	1
Chloride	139.7	35.11	100.0	mg/L	105%		80-123	2	20	1
Bromide	15.14	0.1626	15.00	mg/L	100%		80-121	3	20	1
Nitrogen, Nitrate	9.434	ND	9.036	mg/L	104%		80-123	3	20	1
Sulfate	394.3	463.0	50.00	mg/L	-138%	E,NM	79-124		20	1

Type:	Blank	Lab ID:	QC1285032	Batch:	379437
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1285032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/16/25	08/18/25

Type:	Lab Control Sample	Lab ID:	QC1285033	Batch:	379437
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1285033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.024	1.000	mg/L	102%		90-110

Type:	Matrix Spike	Lab ID:	QC1285034	Batch:	379437
Matrix (Source ID):	Water (539423-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1285034 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.253	0.3476	1.000	mg/L	91%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1285035	Batch:	379437
Matrix (Source ID):	Water (539423-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1285035 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.166	0.3476	1.000	mg/L	82%	*	90-110	7	20	1

Type:	Matrix Spike	Lab ID:	QC1285036	Batch:	379437
Matrix (Source ID):	Water (539423-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1285036 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	2.004	0.9943	1.000	mg/L	101%	E	90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1285037	Batch:	379437
Matrix (Source ID):	Water (539423-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1285037 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.893	0.9943	1.000	mg/L	90%		90-110		20	1

Type:	Blank	Lab ID:	QC1284339	Batch:	379259
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type:	Lab Control Sample	Lab ID:	QC1284340	Batch:	379259
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type:	Matrix Spike	Lab ID:	QC1284341	Batch:	379259
Matrix (Source ID):	Water (539423-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1284342**	**Batch:**	**379259**
Matrix (Source ID):	**Water (539423-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type:	**Matrix Spike**	**Lab ID:**	**QC1284343**	**Batch:**	**379259**
Matrix (Source ID):	**Water (539738-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1284344**	**Batch:**	**379259**
Matrix (Source ID):	**Water (539738-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type:	**Blank**	**Lab ID:**	**QC1282392**	**Batch:**	**378693**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1282392 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	08/08/25	08/08/25
Calcium	ND		mg/L	0.57	0.57	08/08/25	08/08/25
Iron	ND		mg/L	0.046	0.046	08/08/25	08/08/25
Magnesium	ND		mg/L	0.10	0.025	08/08/25	08/08/25
Manganese	ND		mg/L	0.010	0.0029	08/08/25	08/08/25
Potassium	ND		mg/L	0.50	0.40	08/08/25	08/08/25
Sodium	ND		mg/L	0.50	0.35	08/08/25	08/08/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1282393**	**Batch:**	**378693**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1282393 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.4010	0.4000	mg/L	100%		80-120
Calcium	20.21	20.40	mg/L	99%		80-120
Iron	0.3931	0.4000	mg/L	98%		80-120
Magnesium	20.50	20.40	mg/L	101%		80-120
Manganese	0.4035	0.4000	mg/L	101%		80-120
Potassium	24.06	24.00	mg/L	100%		80-120
Sodium	20.10	20.40	mg/L	99%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1282404	Batch: 378693
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282404 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	08/08/25	08/08/25
Calcium	ND		mg/L	0.57	0.57	08/08/25	08/08/25
Iron	ND		mg/L	0.046	0.046	08/08/25	08/08/25
Magnesium	ND		mg/L	0.10	0.025	08/08/25	08/08/25
Manganese	ND		mg/L	0.010	0.0029	08/08/25	08/08/25
Potassium	ND		mg/L	0.50	0.40	08/08/25	08/08/25
Sodium	ND		mg/L	0.50	0.35	08/08/25	08/08/25

Type: Matrix Spike	Lab ID: QC1282405	Batch: 378693
Matrix (Source ID): Water (539501-012)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282405 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.3937	ND	0.4000	mg/L	98%		75-125	1
Calcium	19.69	ND	20.40	mg/L	97%		75-125	1
Iron	0.3902	ND	0.4000	mg/L	98%		75-125	1
Magnesium	20.01	ND	20.40	mg/L	98%		75-125	1
Manganese	0.3930	ND	0.4000	mg/L	98%		75-125	1
Potassium	23.45	ND	24.00	mg/L	98%		75-125	1
Sodium	19.60	ND	20.40	mg/L	96%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1282406	Batch: 378693
Matrix (Source ID): Water (539501-012)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1282406 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.3944	ND	0.4000	mg/L	99%		75-125	0	20	1
Calcium	19.75	ND	20.40	mg/L	97%		75-125	0	20	1
Iron	0.3907	ND	0.4000	mg/L	98%		75-125	0	22	1
Magnesium	20.06	ND	20.40	mg/L	98%		75-125	0	20	1
Manganese	0.3920	ND	0.4000	mg/L	98%		75-125	0	20	1
Potassium	23.39	ND	24.00	mg/L	97%		75-125	0	20	1
Sodium	19.58	ND	20.40	mg/L	96%		75-125	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1282440**	**Batch:**	**378693**
Matrix (Source ID):	**Water (539539-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1282440 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	84.08	82.11	mg/L				50
Calcium	6,369	5949	mg/L				50
Iron	836.5	776.6	mg/L				50
Magnesium	785.5	749.4	mg/L				50
Manganese	37.80	35.99	mg/L				50
Potassium	1,556	1632	mg/L				50
Sodium	4,884	4836	mg/L				50

Type:	**Lab Control Sample**	**Lab ID:**	**QC1284868**	**Batch:**	**379387**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1284868 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	45.80	50.00	ug/L	92%		69-128
MTBE	42.65	50.00	ug/L	85%		66-125
Benzene	53.75	50.00	ug/L	108%		76-121
Trichloroethene	52.77	50.00	ug/L	106%		76-124
Toluene	50.70	50.00	ug/L	101%		76-120
Chlorobenzene	53.22	50.00	ug/L	106%		78-120
Surrogates						
Dibromofluoromethane	43.39	50.00	ug/L	87%		70-130
1,2-Dichloroethane-d4	47.77	50.00	ug/L	96%		70-130
Toluene-d8	50.03	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.21	50.00	ug/L	98%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1284869**	**Batch:**	**379387**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1284869 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.95	50.00	ug/L	94%		69-128	2	23
MTBE	42.22	50.00	ug/L	84%		66-125	1	22
Benzene	54.65	50.00	ug/L	109%		76-121	2	21
Trichloroethene	53.34	50.00	ug/L	107%		76-124	1	22
Toluene	50.64	50.00	ug/L	101%		76-120	0	21
Chlorobenzene	53.35	50.00	ug/L	107%		78-120	0	20
Surrogates								
Dibromofluoromethane	44.34	50.00	ug/L	89%		70-130		
1,2-Dichloroethane-d4	48.72	50.00	ug/L	97%		70-130		
Toluene-d8	49.55	50.00	ug/L	99%		70-130		
Bromofluorobenzene	49.89	50.00	ug/L	100%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1284894	Batch:	379387
Matrix (Source ID):	Water (539403-005)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1284894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	17.73	0.2395	20.00	ug/L	87%		62-131	1
MTBE	16.59	ND	20.00	ug/L	83%		61-124	1
Benzene	21.20	ND	20.00	ug/L	106%		70-123	1
Trichloroethene	71.69	117.8	20.00	ug/L	-231%	NM	65-131	1
Toluene	19.59	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	21.31	ND	20.00	ug/L	107%		72-121	1
Surrogates								
Dibromofluoromethane	43.39		50.00	ug/L	87%		70-130	1
1,2-Dichloroethane-d4	48.21		50.00	ug/L	96%		70-130	1
Toluene-d8	49.83		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	49.72		50.00	ug/L	99%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1284895	Batch:	379387
Matrix (Source ID):	Water (539403-005)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1284895 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.02	0.2395	20.00	ug/L	94%		62-131	7	31	1
MTBE	18.13	ND	20.00	ug/L	91%		61-124	9	30	1
Benzene	22.58	ND	20.00	ug/L	113%		70-123	6	31	1
Trichloroethene	79.06	117.8	20.00	ug/L	-194%	NM	65-131	10	31	1
Toluene	21.02	ND	20.00	ug/L	105%		69-120	7	29	1
Chlorobenzene	22.69	ND	20.00	ug/L	113%		72-121	6	29	1
Surrogates										
Dibromofluoromethane	43.89		50.00	ug/L	88%		70-130			1
1,2-Dichloroethane-d4	49.04		50.00	ug/L	98%		70-130			1
Toluene-d8	49.92		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	49.26		50.00	ug/L	99%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1284898**	**Batch:**	**379387**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1284898 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	08/15/25	08/15/25
Freon 12	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Chloromethane	ND		ug/L	5.0	0.4	08/15/25	08/15/25
Vinyl Chloride	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Bromomethane	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Chloroethane	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Acetone	ND		ug/L	100	16	08/15/25	08/15/25
Freon 113	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/15/25	08/15/25
MTBE	ND		ug/L	5.0	0.03	08/15/25	08/15/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,1-Dichloroethane	ND		ug/L	5.0	0.05	08/15/25	08/15/25
2-Butanone	ND		ug/L	100	1.3	08/15/25	08/15/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Chloroform	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	08/15/25	08/15/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Carbon Tetrachloride	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,2-Dichloroethane	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Benzene	ND		ug/L	5.0	0.04	08/15/25	08/15/25
Trichloroethene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/15/25	08/15/25
Dibromomethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	08/15/25	08/15/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Toluene	ND		ug/L	5.0	0.2	08/15/25	08/15/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,3-Dichloropropane	ND		ug/L	5.0	0.05	08/15/25	08/15/25
Tetrachloroethene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Dibromochloromethane	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,2-Dibromoethane	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Chlorobenzene	ND		ug/L	5.0	0.07	08/15/25	08/15/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	08/15/25	08/15/25
Ethylbenzene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
m,p-Xylenes	ND		ug/L	10	0.09	08/15/25	08/15/25
o-Xylene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
Styrene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
Bromoform	ND		ug/L	5.0	0.09	08/15/25	08/15/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/15/25	08/15/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	08/15/25	08/15/25

ENTHALPY ANALYTICAL

Batch QC

QC1284898 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
Bromobenzene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
2-Chlorotoluene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
4-Chlorotoluene	ND		ug/L	5.0	0.05	08/15/25	08/15/25
tert-Butylbenzene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	08/15/25	08/15/25
sec-Butylbenzene	ND		ug/L	5.0	0.07	08/15/25	08/15/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/15/25	08/15/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
n-Butylbenzene	ND		ug/L	5.0	0.04	08/15/25	08/15/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	08/15/25	08/15/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Hexachlorobutadiene	ND		ug/L	5.0	0.1	08/15/25	08/15/25
Naphthalene	ND		ug/L	5.0	0.2	08/15/25	08/15/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/15/25	08/15/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/15/25	08/15/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/15/25	08/15/25
Xylene (total)	ND		ug/L	5.0		08/15/25	08/15/25
Surrogates				**Limits**			
Dibromofluoromethane	87%		%REC	70-130		08/15/25	08/15/25
1,2-Dichloroethane-d4	95%		%REC	70-130		08/15/25	08/15/25
Toluene-d8	101%		%REC	70-130		08/15/25	08/15/25
Bromofluorobenzene	103%		%REC	70-130		08/15/25	08/15/25

Type: Blank **Lab ID:** QC1282327 **Batch:** 378679
Matrix: Water **Method:** EPA 8270C-SIM **Prep Method:** EPA 3535

QC1282327 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/08/25	08/09/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		08/08/25	08/09/25

Type: Lab Control Sample **Lab ID:** QC1282328 **Batch:** 378679
Matrix: Water **Method:** EPA 8270C-SIM **Prep Method:** EPA 3535

QC1282328 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.657	10.00	ug/L	97%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.06	10.00	ug/L	101%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1282329**	**Batch:**	**378679**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1282329 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.77	10.00	ug/L	108%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.27	10.00	ug/L	103%		80-120		

Type:	**Matrix Spike**	**Lab ID:**	**QC1282584**	**Batch:**	**378679**
Matrix (Source ID):	**Water (539499-009)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1282584 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	9.756	ND	10.00	ug/L	98%		69-120	1
Surrogates								
1,4-Dioxane-d8 (SUR)	10.81		10.00	ug/L	108%		80-120	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1282585**	**Batch:**	**378679**
Matrix (Source ID):	**Water (539499-009)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1282585 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	10.49	ND	10.00	ug/L	105%		69-120	7	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	10.66		10.00	ug/L	107%		80-120			1

Type:	**Blank**	**Lab ID:**	**QC1282253**	**Batch:**	**378661**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1282253 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/07/25	08/07/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1282254**	**Batch:**	**378661**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1282254 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1282255**	**Batch:**	**378661**
Matrix (Source ID):	**Water (539423-004)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1282255 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1282256	Batch:	378661
Matrix (Source ID):	Water (539423-004)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1282256 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type:	Blank	Lab ID:	QC1284915	Batch:	379402
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1284915 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	08/15/25	08/18/25

Type:	Lab Control Sample	Lab ID:	QC1284916	Batch:	379402
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1284916 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.13	25.00	mg/L	97%		85-115

Type:	Matrix Spike	Lab ID:	QC1284917	Batch:	379402
Matrix (Source ID):	Water (539271-003)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1284917 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.63	1.762	25.00	mg/L	103%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1284918	Batch:	379402
Matrix (Source ID):	Water (539271-003)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1284918 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	27.35	1.762	25.00	mg/L	102%		75-125	1	25	1

Type:	Blank	Lab ID:	QC1282801	Batch:	378803
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1282801 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		08/09/25	08/09/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		08/09/25	08/09/25

Type:	Lab Control Sample	Lab ID:	QC1282802	Batch:	378803
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1282802 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	978.5	1000	mg/L	98%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Sample Duplicate	Lab ID:	QC1283158	Batch:	378803
Matrix (Source ID):	Water (539463-002)	Method:	SM2320B	Prep Method:	METHOD

QC1283158 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	604.2	591.6	mg/L		2	20	5
Alkalinity, Total as CaCO3	604.2	591.6	mg/L		2	20	5

Type:	Blank	Lab ID:	QC1283502	Batch:	379001
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1283502 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		08/12/25	08/14/25

Type:	Lab Control Sample	Lab ID:	QC1283503	Batch:	379001
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1283503 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	989.0	1000	mg/L	99%		90-110

Type:	Sample Duplicate	Lab ID:	QC1283506	Batch:	379001
Matrix (Source ID):	Water (539296-001)	Method:	SM2540C	Prep Method:	METHOD

QC1283506 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	780.0	762.0	mg/L		2	5	2

Type:	Sample Duplicate	Lab ID:	QC1283507	Batch:	379001
Matrix (Source ID):	Water (539477-004)	Method:	SM2540C	Prep Method:	METHOD

QC1283507 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,248	1186	mg/L		5	5	2

* Value is outside QC limits

E Response exceeds instrument's linear range

ND Not Detected

NM Not Meaningful

Laboratory Job Number 539423

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508652

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 054515
Project: EO-539423

Project Location:
Project Received: 08/12/2025

Analytical Report reviewed & approved for release on 08/14/2025 by:

Ana Venegas
Project Manager

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508652

Project: EO-539423

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508652

Project: EO-539423

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508652
Date Received:	08/12/2025 9:46	**Extraction Method:**	RSK175
Date Prepared:	08/12/2025	**Analytical Method:**	RSK175
Project:	EO-539423	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2508652-001A	Water	08/06/2025 08:27	GC26 0812251204.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1200**	50	50	1	08/12/2025 15:00

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2508652-002A	Water	08/06/2025 09:54	GC26 0812251205.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**34,000**	2000	2000	40	08/12/2025 15:31

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2508652-003A	Water	08/06/2025 11:09	GC26 0812251206.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**940**	50	50	1	08/12/2025 16:18

Analyst(s): CLO

(Cont.)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508652
Date Received:	08/12/2025 9:46	**Extraction Method:**	RSK175
Date Prepared:	08/12/2025	**Analytical Method:**	RSK175
Project:	EO-539423	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2508652-004A	Water	08/06/2025 12:16	GC26 0812251207.D	323507

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**9700**	500	500	10	08/12/2025 17:14

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508652
Date Prepared:	08/12/2025	**BatchID:**	323507
Date Analyzed:	08/12/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-539423	**Sample ID:**	MB/LCS/LCSD-323507

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	160	160	187.2	85	88	70-130	3.22	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2508652 **ClientCode: ENO**

☐ WaterTrax ☐ CLIP ☐ EDF ☐ EQuIS ☐ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☐ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 054515
Project: EO-539423

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: **1 day;**

Date Received: **08/12/2025**
Date Logged: **08/12/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508652-001	DW-28	Water	8/6/2025 08:27	☐	A	A										
2508652-002	DW-8	Water	8/6/2025 09:54	☐	A	A										
2508652-003	DW-9	Water	8/6/2025 11:09	☐	A	A										
2508652-004	DW-29	Water	8/6/2025 12:16	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-539423
Comments

Work Order: 2508652
QC Level: LEVEL 2
Date Logged: 8/12/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 8:27	1 day	8/13/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 9:54	1 day	8/13/2025	Present	☐	☐
003A	DW-9	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 11:09	1 day	8/13/2025	None	☐	☐
004A	DW-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/6/2025 12:16	1 day	8/13/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

HOLD TIME RUSH

ENTHALPY ANALYTICAL

2508652

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-539423
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-28	06-AUG-2025 08:27	539423-001	3	Water	RSK-175 CO2	
DW-8	06-AUG-2025 09:54	539423-002	3	Water	RSK-175 CO2	
DW-9	06-AUG-2025 11:09	539423-003	3	Water	RSK-175 CO2	
DW-29	06-AUG-2025 12:16	539423-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date: 8-11-25 14:41	Date: 8/12/25 0946
		3. Inet 1241
	Date:	Date:
	Date:	Date:

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	8/12/2025 09:46
Project:	EO-539423	Date Logged:	8/12/2025
		Received by:	Lilly Ortiz
WorkOrder №:	2508652 Matrix: Water	Logged by:	Lilly Ortiz
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539492
Report Level : II
Report Date : 08/25/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	539492 GW MONITORING Chiquita Canyon Landfill / Quarterly MPars 08/07/25

Sample ID	Lab ID	Collected	Matrix
DW-12	539492-001	08/07/25 08:21	Water
DW-7	539492-002	08/07/25 09:28	Water
DW-18	539492-003	08/07/25 10:32	Water
DW-21	539492-004	08/07/25 11:17	Water
DW-15	539492-005	08/07/25 12:34	Water
QCFB	539492-006	08/07/25 10:34	Water
QCTB	539492-007	08/07/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 539492 Project No: GW MONITORING Location: Chiquita Canyon Landfill / Quarterly MPars Date Received: 08/07/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 08/08/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- High recovery was observed for MTBE in the MSD for batch 379502; the parent sample was not a project sample, the BS/BSD were within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was observed for many analytes in the MS/MSD for batch 379502; the RPD was acceptable in the BS/BSD, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

- Total organic carbon was detected between the MDL and the RL in the method blank for batch 379838; this analyte was either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD for batch 378738; affected data was qualified with "E".
- Nitrogen, nitrate was analyzed outside of hold time; affected data was qualified with "H".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD of DW-28 (lab # 539423-001); the LCS was within limits, and the associated RPD was within limits.
- High recovery was observed for ammonia-N in the MSD for batch 379670; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Low recoveries were observed for ammonia-N in the MS/MSD for batch 379670; the parent sample was not a project sample, and the LCS was within limits. High RPD was also observed for ammonia-N.
- Response exceeding the instrument's linear range was observed for ammonia-N in the MS of DW-8 (lab # 539423-002); affected data was qualified with "E".
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 539492

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: IR11 0.8/0.9 1.0/1.1 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-12	8/7/25	821	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-7		928				X	X	X	X	X	X	X	X	X
3	DW-18		1032				X	X	X	X	X	X	X	X	X
4	DW-21		1117				X	X	X	X	X	X	X	X	X
5	DW-15		1234				X	X	X	X	X	X	X	X	X
6	QCFB		1034		3		X								
7	QCTB	—	—		2		X								
8															
9															
10															

Login 539492

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	8/7/25 13:50
[1] Received By:		Alice Tahmasian	EA/NH	8/7/25 13:50
[2] Relinquished By:		Alice Tahmasian	EA/NH	8/8/25 9:10
[2] Received By:		GEMA O.	EA/NH	8.8.25 9:10
[3] Relinquished By:		GEMA O	EA/NH	8.8.25 12:15
[3] Received By:		IXR	GA	8-8-25 1215

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8/7/25 WO# 539492 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present? ☒ Yes ☐ No**

Custody seals intact on arrival? ☐ N/A ☑ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8/7/25 By (initials) AXT Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☑ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: 0.7

Cooler Temp (°C) #1: 14.2/13.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)**_____ **(sign)**_____

Date Labeled _____ **By (print)**_____ **(sign)**_____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8/8/25 WO# 539492 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8/7/25 8 By (initials) JKR Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 11 CF: +0.1

Cooler Temp (°C) #1: 0.8 / 0.9 #2: 1.0 / 1.1 #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?			
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	/		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 8/7/25 **By (print)** AXT **(sign)** _____

Date Labeled 8/8/25 **By (print)** EA **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 539492

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539492
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 08/07/25

Sample ID: DW-12 **Lab ID: 539492-001** **Collected: 08/07/25 08:21**
Matrix: Water

539492-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.68**		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Chloride	**200**		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Bromide	**0.67**		mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Nitrogen, Nitrate	**4.0**		mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/08/25 17:46	AJL
Sulfate	**310**		mg/L	10	1.8	10	378738	08/08/25 15:40	08/08/25 18:02	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.20**		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	**23**		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	ND		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	**2.8**		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	**1.7**		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	**270**		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

539492-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

539492-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	93%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.98**	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**160**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**160**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**960**		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

Sample ID: DW-7	Lab ID: 539492-002	Collected: 08/07/25 09:28
	Matrix: Water	

539492-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.18**	J	mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Chloride	**86**		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Bromide	**0.16**	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/08/25 18:19	AJL
Sulfate	**650**		mg/L	10	1.8	10	378738	08/08/25 15:40	08/09/25 15:06	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379437	08/16/25	08/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.16**		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	**31**		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	ND		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	**1.5**		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	**1.1**		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	**310**		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

539492-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	93%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539492

539492-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.26**	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**110**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**110**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

Sample ID: DW-18	Lab ID: 539492-003	Collected: 08/07/25 10:32
	Matrix: Water	

539492-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.26**		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Chloride	**110**		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Bromide	**0.30**	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Nitrogen, Nitrate	**3.2**	H	mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/09/25 15:23	AJL
Sulfate	**360**		mg/L	10	1.8	10	378738	08/08/25 15:40	08/09/25 15:40	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**9.0**		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.33**		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	**25**		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	ND		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	**2.1**		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	**1.5**		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	**280**		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

539492-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	94%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539492

539492-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**4.6**		mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**270**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**270**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

Sample ID: DW-21	Lab ID: 539492-004	Collected: 08/07/25 11:17
	Matrix: Water	

539492-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.87**		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Chloride	**55**		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Bromide	**0.14**	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Nitrogen, Nitrate	**0.12**	H	mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/09/25 15:57	AJL
Sulfate	**120**		mg/L	10	1.8	10	378738	08/08/25 15:40	08/09/25 16:14	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.25**		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	**3.7**		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	**0.065**	J	mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	**0.17**		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	ND		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	**0.50**	J	mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	**140**		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

539492-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	93%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539492

539492-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	93%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.65**	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**150**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**150**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**470**		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

Sample ID: DW-15	Lab ID: 539492-005	Collected: 08/07/25 12:34
	Matrix: Water	

539492-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Chloride	**75**		mg/L	1.0	0.27	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Bromide	**0.086**	J	mg/L	0.30	0.060	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Nitrogen, Nitrate	ND	H	mg/L	0.10	0.05	1	378738	08/08/25 15:40	08/09/25 16:30	AJL
Sulfate	**1,500**		mg/L	20	3.7	20	378738	08/08/25 15:40	08/09/25 16:47	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.19**		mg/L	0.10	0.050	1	379670	08/19/25	08/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.21**		mg/L	0.050	0.0062	1	378796	08/09/25	08/10/25	KCD
Calcium	**230**		mg/L	1.0	0.57	1	378796	08/09/25	08/10/25	KCD
Iron	**0.89**		mg/L	0.10	0.041	1	378796	08/09/25	08/10/25	KCD
Magnesium	**32**		mg/L	0.10	0.025	1	378796	08/09/25	08/10/25	KCD
Manganese	**0.59**		mg/L	0.010	0.0029	1	378796	08/09/25	08/10/25	KCD
Potassium	**2.6**		mg/L	0.50	0.42	1	378796	08/09/25	08/10/25	KCD
Sodium	**390**		mg/L	0.50	0.34	1	378796	08/09/25	08/10/25	KCD
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	**0.07**	J	ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539492

539492-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	**0.2**	J	ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	94%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539492

539492-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	378985	08/12/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	378985	08/12/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	378799	08/09/25	08/09/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.94**	B,J	mg/L	1.0	0.24	1	379838	08/20/25	08/22/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**210**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Alkalinity, Total as CaCO3	**210**		mg/L	5.0		2.5	378803	08/09/25	08/09/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**2,500**		mg/L	20		2	379038	08/12/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

Sample ID: QCFB	Lab ID: 539492-006	Collected: 08/07/25 10:34
	Matrix: Water	

539492-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Acetone	ND		ug/L	100	8.8	1	379502	08/18/25	08/18/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	379502	08/18/25	08/18/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Chloroform	**0.7**	J	ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	379502	08/18/25	08/18/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	379502	08/18/25	08/18/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	379502	08/18/25	08/18/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

539492-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	379502	08/18/25	08/18/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	379502	08/18/25	08/18/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	379502	08/18/25	08/18/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	379502	08/18/25	08/18/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	379502	08/18/25	08/18/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	379502	08/18/25	08/18/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	379502	08/18/25	08/18/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379502	08/18/25	08/18/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379502	08/18/25	08/18/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379502	08/18/25	08/18/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Toluene-d8	93%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	379502	08/18/25	08/18/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

Sample ID: QCTB	Lab ID: 539492-007	Collected: 08/07/25
	Matrix: Water	

539492-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Acetone	ND		ug/L	100	14	1	379608	08/19/25	08/19/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Methylene Chloride	**0.5**	J	ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379608	08/19/25	08/19/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Chloroform	**0.6**	J	ug/L	5.0	0.08	1	379608	08/19/25	08/19/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379608	08/19/25	08/19/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379608	08/19/25	08/19/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379608	08/19/25	08/19/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379608	08/19/25	08/19/25	ZST
Tetrachloroethene	**0.2**	J	ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379608	08/19/25	08/19/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379608	08/19/25	08/19/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379608	08/19/25	08/19/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539492

539492-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379608	08/19/25	08/19/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379608	08/19/25	08/19/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379608	08/19/25	08/19/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379608	08/19/25	08/19/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379608	08/19/25	08/19/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379608	08/19/25	08/19/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST
Toluene-d8	97%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	379608	08/19/25	08/19/25	ZST

B Contamination found in associated Method Blank
H Holding time was exceeded
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank **Lab ID: QC1282534** **Batch: 378738**
Matrix: Drinking Water **Method: EPA 300.0** **Prep Method: METHOD**

QC1282534 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/08/25 15:40	08/08/25 15:48
Chloride	ND		mg/L	1.0	0.27	08/08/25 15:40	08/08/25 15:48
Bromide	ND		mg/L	0.30	0.060	08/08/25 15:40	08/08/25 15:48
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/08/25 15:40	08/08/25 15:48
Sulfate	ND		mg/L	1.0	0.18	08/08/25 15:40	08/08/25 15:48

Type: Lab Control Sample **Lab ID: QC1282535** **Batch: 378738**
Matrix: Drinking Water **Method: EPA 300.0** **Prep Method: METHOD**

QC1282535 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	11.01	10.00	mg/L	110%		90-110
Chloride	47.93	50.00	mg/L	96%		90-110
Bromide	15.08	15.00	mg/L	101%		90-110
Nitrogen, Nitrate	4.684	4.518	mg/L	104%		90-110
Sulfate	25.51	25.00	mg/L	102%		90-110

Type: Matrix Spike **Lab ID: QC1282600** **Batch: 378738**
Matrix (Source ID): Water (539618-004) **Method: EPA 300.0** **Prep Method: METHOD**

QC1282600 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.96	0.2276	20.00	mg/L	119%		80-129	1
Chloride	176.0	63.37	100.0	mg/L	113%		80-123	1
Bromide	16.65	0.3237	15.00	mg/L	109%		80-121	1
Nitrogen, Nitrate	14.59	5.096	9.036	mg/L	105%		80-123	1
Sulfate	128.9	76.73	50.00	mg/L	104%	E	79-124	1

Type: Matrix Spike Duplicate **Lab ID: QC1282601** **Batch: 378738**
Matrix (Source ID): Water (539618-004) **Method: EPA 300.0** **Prep Method: METHOD**

QC1282601 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.85	0.2276	20.00	mg/L	118%		80-129	0	21	1
Chloride	175.0	63.37	100.0	mg/L	112%		80-123	1	20	1
Bromide	16.46	0.3237	15.00	mg/L	108%		80-121	1	20	1
Nitrogen, Nitrate	14.51	5.096	9.036	mg/L	104%		80-123	1	20	1
Sulfate	129.0	76.73	50.00	mg/L	105%	E	79-124		20	1

Type: Blank **Lab ID: QC1285032** **Batch: 379437**
Matrix: Water **Method: EPA 350.1** **Prep Method: METHOD**

QC1285032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/16/25	08/18/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1285033 **Batch:** 379437
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1285033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.024	1.000	mg/L	102%		90-110

Type: Matrix Spike **Lab ID:** QC1285034 **Batch:** 379437
Matrix (Source ID): Water (539423-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1285034 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.253	0.3476	1.000	mg/L	91%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1285035 **Batch:** 379437
Matrix (Source ID): Water (539423-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1285035 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.166	0.3476	1.000	mg/L	82%	*	90-110	7	20	1

Type: Matrix Spike **Lab ID:** QC1285036 **Batch:** 379437
Matrix (Source ID): Water (539423-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1285036 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	2.004	0.9943	1.000	mg/L	101%	E	90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1285037 **Batch:** 379437
Matrix (Source ID): Water (539423-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1285037 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.893	0.9943	1.000	mg/L	90%		90-110		20	1

Type: Blank **Lab ID:** QC1285890 **Batch:** 379670
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1285890 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/19/25	08/20/25

Type: Lab Control Sample **Lab ID:** QC1285891 **Batch:** 379670
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1285891 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9756	1.000	mg/L	98%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1285892	Batch:	379670
Matrix (Source ID):	Water (539182-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1285892 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	3.665	2.624	1.000	mg/L	104%		90-110	5

Type:	Matrix Spike Duplicate	Lab ID:	QC1285893	Batch:	379670
Matrix (Source ID):	Water (539182-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1285893 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	3.733	2.624	1.000	mg/L	111%	*	90-110	2	20	5

Type:	Matrix Spike	Lab ID:	QC1285894	Batch:	379670
Matrix (Source ID):	Water (539939-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1285894 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.7636	0.09708	1.000	mg/L	67%	*	90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1285895	Batch:	379670
Matrix (Source ID):	Water (539939-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1285895 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9868	0.09708	1.000	mg/L	89%	*	90-110	26*	20	1

Type:	Blank	Lab ID:	QC1284339	Batch:	379259
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type:	Lab Control Sample	Lab ID:	QC1284340	Batch:	379259
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1284341	Batch:	379259
Matrix (Source ID):	Water (539423-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1284342	Batch:	379259
Matrix (Source ID):	Water (539423-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type:	Matrix Spike	Lab ID:	QC1284343	Batch:	379259
Matrix (Source ID):	Water (539738-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1284344	Batch:	379259
Matrix (Source ID):	Water (539738-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type:	Blank	Lab ID:	QC1282766	Batch:	378796
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1282766 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	08/09/25	08/10/25
Calcium	ND		mg/L	1.0	0.57	08/09/25	08/10/25
Iron	ND		mg/L	0.10	0.041	08/09/25	08/10/25
Magnesium	ND		mg/L	0.10	0.025	08/09/25	08/10/25
Manganese	ND		mg/L	0.010	0.0029	08/09/25	08/10/25
Potassium	ND		mg/L	0.50	0.42	08/09/25	08/10/25
Sodium	ND		mg/L	0.50	0.34	08/09/25	08/10/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1282767	Batch:	378796
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1282767 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3610	0.4000	mg/L	90%		80-120
Calcium	18.79	20.40	mg/L	92%		80-120
Iron	0.3741	0.4000	mg/L	94%		80-120
Magnesium	19.58	20.40	mg/L	96%		80-120
Manganese	0.3713	0.4000	mg/L	93%		80-120
Potassium	22.13	24.00	mg/L	92%		80-120
Sodium	18.89	20.40	mg/L	93%		80-120

Type:	Matrix Spike	Lab ID:	QC1282768	Batch:	378796
Matrix (Source ID):	Water (539492-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1282768 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5601	0.2037	0.4000	mg/L	89%		75-125	1
Calcium	40.81	23.16	20.40	mg/L	87%		75-125	1
Iron	0.3630	ND	0.4000	mg/L	91%		75-125	1
Magnesium	21.48	2.842	20.40	mg/L	91%		75-125	1
Manganese	0.3567	ND	0.4000	mg/L	89%		75-125	1
Potassium	23.79	1.743	24.00	mg/L	92%		75-125	1
Sodium	283.7	268.6	20.40	mg/L	74%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1282769	Batch:	378796
Matrix (Source ID):	Water (539492-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1282769 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5671	0.2037	0.4000	mg/L	91%		75-125	1	20	1
Calcium	41.17	23.16	20.40	mg/L	88%		75-125	1	20	1
Iron	0.3684	ND	0.4000	mg/L	92%		75-125	1	22	1
Magnesium	21.87	2.842	20.40	mg/L	93%		75-125	2	20	1
Manganese	0.3639	ND	0.4000	mg/L	91%		75-125	2	20	1
Potassium	24.21	1.743	24.00	mg/L	94%		75-125	2	20	1
Sodium	283.7	268.6	20.40	mg/L	74%	NM	75-125	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1282814**	**Batch:**	**378796**
Matrix (Source ID):	**Water (539492-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1282814 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2002	0.2037	mg/L	J			5
Calcium	23.65	23.16	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	2.922	2.842	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.743	mg/L				5
Sodium	276.5	268.6	mg/L				5

Type:	**Lab Control Sample**	**Lab ID:**	**QC1285296**	**Batch:**	**379502**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1285296 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.13	50.00	ug/L	98%		69-128
MTBE	54.36	50.00	ug/L	109%		66-125
Benzene	49.65	50.00	ug/L	99%		76-121
Trichloroethene	47.91	50.00	ug/L	96%		76-124
Toluene	47.65	50.00	ug/L	95%		76-120
Chlorobenzene	47.51	50.00	ug/L	95%		78-120
Surrogates						
Dibromofluoromethane	49.24	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	51.81	50.00	ug/L	104%		70-130
Toluene-d8	48.64	50.00	ug/L	97%		70-130
Bromofluorobenzene	50.38	50.00	ug/L	101%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1285297**	**Batch:**	**379502**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1285297 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	53.13	50.00	ug/L	106%		69-128	8	23
MTBE	60.06	50.00	ug/L	120%		66-125	10	22
Benzene	54.70	50.00	ug/L	109%		76-121	10	21
Trichloroethene	50.52	50.00	ug/L	101%		76-124	5	22
Toluene	50.41	50.00	ug/L	101%		76-120	6	21
Chlorobenzene	49.94	50.00	ug/L	100%		78-120	5	20
Surrogates								
Dibromofluoromethane	48.86	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	52.98	50.00	ug/L	106%		70-130		
Toluene-d8	47.98	50.00	ug/L	96%		70-130		
Bromofluorobenzene	50.61	50.00	ug/L	101%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1285299**	**Batch:**	**379502**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1285299 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/18/25	08/18/25
Freon 12	ND		ug/L	5.0	0.2	08/18/25	08/18/25
Chloromethane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Bromomethane	ND		ug/L	5.0	0.3	08/18/25	08/18/25
Chloroethane	ND		ug/L	5.0	0.05	08/18/25	08/18/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Acetone	ND		ug/L	100	8.8	08/18/25	08/18/25
Freon 113	ND		ug/L	5.0	0.1	08/18/25	08/18/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/18/25	08/18/25
MTBE	ND		ug/L	5.0	0.1	08/18/25	08/18/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/18/25	08/18/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
2-Butanone	ND		ug/L	100	0.9	08/18/25	08/18/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	08/18/25	08/18/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	08/18/25	08/18/25
Chloroform	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	08/18/25	08/18/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	08/18/25	08/18/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	08/18/25	08/18/25
Benzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Trichloroethene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Bromodichloromethane	ND		ug/L	5.0	0.05	08/18/25	08/18/25
Dibromomethane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	08/18/25	08/18/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Toluene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	08/18/25	08/18/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Tetrachloroethene	ND		ug/L	5.0	0.09	08/18/25	08/18/25
Dibromochloromethane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	08/18/25	08/18/25
Chlorobenzene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Ethylbenzene	ND		ug/L	5.0	0.04	08/18/25	08/18/25
m,p-Xylenes	ND		ug/L	10	0.1	08/18/25	08/18/25
o-Xylene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Styrene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Bromoform	ND		ug/L	5.0	0.08	08/18/25	08/18/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	08/18/25	08/18/25

ENTHALPY ANALYTICAL

Batch QC

QC1285299 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
Bromobenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	08/18/25	08/18/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	08/18/25	08/18/25
n-Butylbenzene	ND		ug/L	5.0	0.08	08/18/25	08/18/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	08/18/25	08/18/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	08/18/25	08/18/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/18/25	08/18/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	08/18/25	08/18/25
Naphthalene	ND		ug/L	5.0	0.3	08/18/25	08/18/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/18/25	08/18/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/18/25	08/18/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/18/25	08/18/25
Xylene (total)	ND		ug/L	5.0		08/18/25	08/18/25
Surrogates				**Limits**			
Dibromofluoromethane	103%		%REC	70-130		08/18/25	08/18/25
1,2-Dichloroethane-d4	111%		%REC	70-130		08/18/25	08/18/25
Toluene-d8	95%		%REC	70-130		08/18/25	08/18/25
Bromofluorobenzene	98%		%REC	70-130		08/18/25	08/18/25

Type:	**Matrix Spike**	**Lab ID:**	**QC1285353**	**Batch:**	**379502**
Matrix (Source ID):	**Water (539523-003)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1285353 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	15.17	ND	20.00	ug/L	76%		62-131	1
MTBE	15.98	ND	20.00	ug/L	80%		61-124	1
Benzene	17.09	1.809	20.00	ug/L	76%		70-123	1
Trichloroethene	15.54	0.3949	20.00	ug/L	76%		65-131	1
Toluene	15.46	1.240	20.00	ug/L	71%		69-120	1
Chlorobenzene	14.37	ND	20.00	ug/L	72%		72-121	1
Surrogates								
Dibromofluoromethane	49.49		50.00	ug/L	99%		70-130	1
1,2-Dichloroethane-d4	51.50		50.00	ug/L	103%		70-130	1
Toluene-d8	47.60		50.00	ug/L	95%		70-130	1
Bromofluorobenzene	49.54		50.00	ug/L	99%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1285354	Batch:	379502
Matrix (Source ID):	Water (539523-003)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1285354 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	22.37	ND	20.00	ug/L	112%		62-131	38*	31	1
MTBE	25.02	ND	20.00	ug/L	125%	*	61-124	44*	30	1
Benzene	25.30	1.809	20.00	ug/L	117%		70-123	39*	31	1
Trichloroethene	23.11	0.3949	20.00	ug/L	114%		65-131	39*	31	1
Toluene	22.41	1.240	20.00	ug/L	106%		69-120	37*	29	1
Chlorobenzene	20.70	ND	20.00	ug/L	103%		72-121	36*	29	1
Surrogates										
Dibromofluoromethane	49.96		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	51.91		50.00	ug/L	104%		70-130			1
Toluene-d8	47.51		50.00	ug/L	95%		70-130			1
Bromofluorobenzene	49.70		50.00	ug/L	99%		70-130			1

Type:	Lab Control Sample	Lab ID:	QC1285688	Batch:	379608
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1285688 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	58.57	50.00	ug/L	117%		69-128
MTBE	54.19	50.00	ug/L	108%		66-125
Benzene	59.20	50.00	ug/L	118%		76-121
Trichloroethene	60.12	50.00	ug/L	120%		76-124
Toluene	58.15	50.00	ug/L	116%		76-120
Chlorobenzene	57.68	50.00	ug/L	115%		78-120
Surrogates						
Dibromofluoromethane	51.43	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	48.14	50.00	ug/L	96%		70-130
Toluene-d8	49.51	50.00	ug/L	99%		70-130
Bromofluorobenzene	47.24	50.00	ug/L	94%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1285689	Batch:	379608
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1285689 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.19	50.00	ug/L	100%		69-128	15	23
MTBE	53.57	50.00	ug/L	107%		66-125	1	22
Benzene	53.35	50.00	ug/L	107%		76-121	10	21
Trichloroethene	52.79	50.00	ug/L	106%		76-124	13	22
Toluene	53.10	50.00	ug/L	106%		76-120	9	21
Chlorobenzene	52.68	50.00	ug/L	105%		78-120	9	20
Surrogates								
Dibromofluoromethane	50.81	50.00	ug/L	102%		70-130		
1,2-Dichloroethane-d4	48.97	50.00	ug/L	98%		70-130		
Toluene-d8	49.31	50.00	ug/L	99%		70-130		
Bromofluorobenzene	46.42	50.00	ug/L	93%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1285691**	**Batch:**	**379608**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1285691 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Freon 12	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Chloromethane	ND		ug/L	5.0	0.09	08/19/25	08/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Bromomethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Chloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Acetone	ND		ug/L	100	14	08/19/25	08/19/25
Freon 113	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/19/25	08/19/25
MTBE	ND		ug/L	5.0	0.1	08/19/25	08/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	08/19/25	08/19/25
2-Butanone	ND		ug/L	100	1.3	08/19/25	08/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Chloroform	ND		ug/L	5.0	0.08	08/19/25	08/19/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Benzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Trichloroethene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	08/19/25	08/19/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/19/25	08/19/25
Dibromomethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	08/19/25	08/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Toluene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/19/25	08/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	08/19/25	08/19/25
Tetrachloroethene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
Dibromochloromethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Chlorobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	08/19/25	08/19/25
Ethylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
m,p-Xylenes	ND		ug/L	10	0.2	08/19/25	08/19/25
o-Xylene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Styrene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Bromoform	ND		ug/L	5.0	0.06	08/19/25	08/19/25
Isopropylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	08/19/25	08/19/25

ENTHALPY ANALYTICAL

Batch QC

QC1285691 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
Bromobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	08/19/25	08/19/25
n-Butylbenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	08/19/25	08/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	08/19/25	08/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
Naphthalene	ND		ug/L	5.0	0.6	08/19/25	08/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/19/25	08/19/25
Xylene (total)	ND		ug/L	5.0		08/19/25	08/19/25
Surrogates				**Limits**			
Dibromofluoromethane	104%		%REC	70-130		08/19/25	08/19/25
1,2-Dichloroethane-d4	102%		%REC	70-130		08/19/25	08/19/25
Toluene-d8	99%		%REC	70-130		08/19/25	08/19/25
Bromofluorobenzene	96%		%REC	70-130		08/19/25	08/19/25

Type:	**Matrix Spike**	**Lab ID:**	**QC1285761**	**Batch:**	**379608**
Matrix (Source ID):	**Water (539995-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1285761 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	18.01	ND	20.00	ug/L	90%		62-131	1
MTBE	16.92	ND	20.00	ug/L	85%		61-124	1
Benzene	19.38	0.4383	20.00	ug/L	95%		70-123	1
Trichloroethene	19.89	ND	20.00	ug/L	99%		65-131	1
Toluene	19.24	ND	20.00	ug/L	96%		69-120	1
Chlorobenzene	19.57	ND	20.00	ug/L	98%		72-121	1
Surrogates								
Dibromofluoromethane	51.22		50.00	ug/L	102%		70-130	1
1,2-Dichloroethane-d4	48.12		50.00	ug/L	96%		70-130	1
Toluene-d8	49.90		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	48.86		50.00	ug/L	98%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1285762	Batch:	379608
Matrix (Source ID):	Water (539995-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1285762 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	14.00	ND	20.00	ug/L	70%		62-131	25	31	1
MTBE	14.08	ND	20.00	ug/L	70%		61-124	18	30	1
Benzene	15.39	0.4383	20.00	ug/L	75%		70-123	23	31	1
Trichloroethene	15.36	ND	20.00	ug/L	77%		65-131	26	31	1
Toluene	14.82	ND	20.00	ug/L	74%		69-120	26	29	1
Chlorobenzene	15.27	ND	20.00	ug/L	76%		72-121	25	29	1
Surrogates										
Dibromofluoromethane	50.98		50.00	ug/L	102%		70-130			1
1,2-Dichloroethane-d4	50.45		50.00	ug/L	101%		70-130			1
Toluene-d8	48.80		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	46.77		50.00	ug/L	94%		70-130			1

Type:	Blank	Lab ID:	QC1283444	Batch:	378985
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1283444 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/12/25	08/13/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		08/12/25	08/13/25

Type:	Lab Control Sample	Lab ID:	QC1283445	Batch:	378985
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1283445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.682	10.00	ug/L	97%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.13	10.00	ug/L	101%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1283446	Batch:	378985
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1283446 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.663	10.00	ug/L	87%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.35	10.00	ug/L	104%		80-120		

Type:	Blank	Lab ID:	QC1282775	Batch:	378799
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1282775 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/09/25	08/09/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1282776 **Batch:** 378799
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1282776 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1282777 **Batch:** 378799
Matrix (Source ID): Water (539618-005) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1282777 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1282778 **Batch:** 378799
Matrix (Source ID): Water (539618-005) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1282778 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank **Lab ID:** QC1286444 **Batch:** 379838
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1286444 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	0.28	J	mg/L	1.0	0.24	08/20/25	08/21/25

Type: Lab Control Sample **Lab ID:** QC1286445 **Batch:** 379838
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1286445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.77	25.00	mg/L	95%		85-115

Type: Matrix Spike **Lab ID:** QC1286446 **Batch:** 379838
Matrix (Source ID): Water (539793-002) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1286446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	29.30	1.536	25.00	mg/L	111%		75-125	1

Type: Matrix Spike Duplicate **Lab ID:** QC1286447 **Batch:** 379838
Matrix (Source ID): Water (539793-002) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1286447 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	29.06	1.536	25.00	mg/L	110%		75-125	1	25	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1282801	Batch: 378803
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1282801 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		08/09/25	08/09/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		08/09/25	08/09/25

Type: Lab Control Sample	Lab ID: QC1282802	Batch: 378803
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1282802 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	978.5	1000	mg/L	98%		90-110

Type: Sample Duplicate	Lab ID: QC1283158	Batch: 378803
Matrix (Source ID): Water (539463-002)	Method: SM2320B	Prep Method: METHOD

QC1283158 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	604.2	591.6	mg/L		2	20	5
Alkalinity, Total as CaCO3	604.2	591.6	mg/L		2	20	5

Type: Blank	Lab ID: QC1283649	Batch: 379038
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283649 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		08/12/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1283650	Batch: 379038
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283650 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,017	1000	mg/L	102%		90-110

Type: Sample Duplicate	Lab ID: QC1283651	Batch: 379038
Matrix (Source ID): Water (539492-001)	Method: SM2540C	Prep Method: METHOD

QC1283651 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	972.0	964.0	mg/L		1	5	2

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 539492

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508651

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-539492

Project Location:
Project Received: 08/12/2025

Analytical Report reviewed & approved for release on 08/15/2025 by:

Ana Venegas
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508651

Project: EO-539492

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508651

Project: EO-539492

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508651
Date Received:	08/12/2025 9:46	**Extraction Method:**	RSK175
Date Prepared:	08/14/2025	**Analytical Method:**	RSK175
Project:	EO-539492	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2508651-001A	Water	08/07/2025 08:21	GC26 0814250904.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1400**	50	50	1	08/14/2025 12:07

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2508651-002A	Water	08/07/2025 09:28	GC26 0814250905.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**570**	50	50	1	08/14/2025 12:43

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2508651-003A	Water	08/07/2025 10:32	GC26 0814250907.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**4200**	200	200	4	08/14/2025 14:44

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508651
Date Received:	08/12/2025 9:46	**Extraction Method:**	RSK175
Date Prepared:	08/14/2025	**Analytical Method:**	RSK175
Project:	EO-539492	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2508651-004A	Water	08/07/2025 11:17	GC26 0814250908.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**350**	50	50	1	08/14/2025 15:14

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2508651-005A	Water	08/07/2025 12:34	GC26 0814250910.D	323713

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**14,000**	500	500	10	08/14/2025 15:40

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508651
Date Prepared:	08/14/2025	**BatchID:**	323713
Date Analyzed:	08/14/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-539492	**Sample ID:**	MB/LCS/LCSD-323713

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	150	187.2	74	79	70-130	6.44	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2508651 **ClientCode: ENO**

☐ WaterTrax ☐ CLIP ☐ EDF ☐ EQuIS ☐ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☐ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-539492

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: **2 days;**

Date Received: **08/12/2025**
Date Logged: **08/12/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508651-001	DW-12	Water	8/7/2025 08:21	☐	A	A										
2508651-002	DW-7	Water	8/7/2025 09:28	☐	A	A										
2508651-003	DW-18	Water	8/7/2025 10:32	☐	A	A										
2508651-004	DW-21	Water	8/7/2025 11:17	☐	A	A										
2508651-005	DW-15	Water	8/7/2025 12:34	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-539492
Comments

Work Order: 2508651
QC Level: LEVEL 2
Date Logged: 8/12/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 8:21	2 days	8/14/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 9:28	2 days	8/14/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 10:32	2 days	8/14/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 11:17	2 days	8/14/2025	None	☐	☐
005A	DW-15	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/7/2025 12:34	2 days	8/14/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2508651

HOLD TIME RUSH

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-539492
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-12	07-AUG-2025 08:21	539492-001	3	Water	RSK-175 CO2	
DW-7	07-AUG-2025 09:28	539492-002	3	Water	RSK-175 CO2	
DW-18	07-AUG-2025 10:32	539492-003	3	Water	RSK-175 CO2	
DW-21	07-AUG-2025 11:17	539492-004	3	Water	RSK-175 CO2	
DW-15	07-AUG-2025 12:34	539492-005	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date: 8.11.25 14:41	Date: 8/12/25 0556
		3. [signature]
	Date:	Date:
	Date:	Date:

McCampbell Analytical, Inc.
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Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	8/12/2025 09:46
Project:	EO-539492	Date Logged:	8/12/2025
		Received by:	Lilly Ortiz
WorkOrder №:	2508651 Matrix: Water	Logged by:	Lilly Ortiz
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539738
Report Level : II
Report Date : 08/25/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	539738 GW MONITORING Chiquita Canyon Landfill / Quarterly MPars 08/11/25

Sample ID	Lab ID	Collected	Matrix
DW-14	539738-001	08/11/25 08:15	Water
DW-17	539738-002	08/11/25 09:29	Water
DW-30	539738-003	08/11/25 10:50	Water
DW-31	539738-004	08/11/25 11:48	Water
QCFB	539738-005	08/11/25 09:32	Water
QCTB	539738-006	08/11/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 539738 Project No: GW MONITORING Location: Chiquita Canyon Landfill / Quarterly MPars Date Received: 08/11/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 08/11/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD of DW-14 (lab # 539738-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 539738

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-14	8/11/25	815	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-17		929				X	X	X	X	X	X	X	X	X
3	DW-30		1050				X	X	X	X	X	X	X	X	X
4	DW-31		1148				X	X	X	X	X	X	X	X	X
5	QCFB		932		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Login 539738

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	8/11/25 1245
[1] Received By:		Jim Lin	SA NH	8.11.25 1245
[2] Relinquished By:		Jim Lin	SA NH	8.12.25 0900
[2] Received By:		Hrag B.	EA-NH	8/12/25 0900
[3] Relinquished By:		Hrag B.	EA-NH	8/12/25 1345
[3] Received By:		BS	EA	8/12/25 1408
	RECEIVED BY:	BS	EA	8/12/25 1500

IKM 4.9/4.5

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8.11.25 WO# _____ Client: Chiquita Canyon LF

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☒ No**

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8.11.25 By (initials) JWL Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 14.7 / 14.0 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?			✓

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)** _____ **(sign)** _____

Date Labeled _____ **By (print)** _____ **(sign)** _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8/12/25 WO# 539738 Client: WASTE CONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☑ No

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☑ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 08/12/25 By (initials) DJS Type of ice used: ☑ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR14 CF: -0.4

Cooler Temp (°C) #1: 4.9 / 4.5 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☑ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☑ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	✓		
2) Is the sampler's name present on the CoC?	✓		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	✓		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			✓
5) Were all of, and only, the correct samples received?	✓		
6) Are sample labels present, legible, and in agreement with the CoC?	✓		
7) Does the container count match the CoC?	✓		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	✓		
10) Were samples received with > 1/2 holding time remaining?	✓		
11) Are samples properly preserved as indicated by CoC / labels?	✓		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?		✓	

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.13 Sample -006 has 2/2 HCl preserved VOA vials with headspace >6mm

☐ **No additional discrepancies**

Date Logged 8/12/25 **By (print)** FPD **(sign)** _____

Date Labeled 8/12/25 **By (print)** AGR **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 539738

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539738
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 08/11/25

Sample ID: DW-14 **Lab ID: 539738-001** **Collected: 08/11/25 08:15**
Matrix: Water

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.41**		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Chloride	**94**		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Bromide	**0.098**	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Nitrogen, Nitrate	**0.30**		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Sulfate	**29**		mg/L	1.0	0.18	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.12**		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	**2.6**		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	**0.30**		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	**0.22**		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	**0.0031**	J	mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	**0.83**		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	**140**		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379732	08/20/25	08/20/25	LYZ
Freon 12	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	379732	08/20/25	08/20/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Bromomethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Acetone	ND		ug/L	100	16	1	379732	08/20/25	08/20/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Methylene Chloride	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
MTBE	ND		ug/L	5.0	0.03	1	379732	08/20/25	08/20/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2-Butanone	ND		ug/L	100	1.3	1	379732	08/20/25	08/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Chloroform	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Benzene	ND		ug/L	5.0	0.04	1	379732	08/20/25	08/20/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379732	08/20/25	08/20/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.09	1	379732	08/20/25	08/20/25	LYZ
o-Xylene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Styrene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
Bromoform	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Propylbenzene	**0.05**	J	ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
4-Chlorotoluene	**0.05**	J	ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379732	08/20/25	08/20/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,3-Dichlorobenzene	**0.07**	J	ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,4-Dichlorobenzene	**0.1**	J	ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
n-Butylbenzene	**0.05**	J	ug/L	5.0	0.04	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379732	08/20/25	08/20/25	LYZ
1,2,4-Trichlorobenzene	**0.4**	J	ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Naphthalene	**1.0**	J	ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
1,2,3-Trichlorobenzene	**0.4**	J	ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379732	08/20/25	08/20/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	379732	08/20/25	08/20/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	103%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ
Toluene-d8	100%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ
Bromofluorobenzene	100%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.94**	J	mg/L	1.0	0.24	1	380079	08/22/25	08/23/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**150**		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	**160**		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**370**		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

Sample ID: DW-17	Lab ID: 539738-002	Collected: 08/11/25 09:29
	Matrix: Water	

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.17**	J	mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Chloride	**150**		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Bromide	**0.26**	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Nitrogen, Nitrate	**0.93**		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Sulfate	**180**		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 20:07	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.086**		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	**4.7**		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	ND		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	**0.13**		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	**0.88**		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	**220**		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539738

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**120**		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	**130**		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**650**		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

Sample ID: DW-30	Lab ID: 539738-003	Collected: 08/11/25 10:50
	Matrix: Water	

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.88**		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Chloride	**58**		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Bromide	**0.12**	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Nitrogen, Nitrate	**0.24**		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Sulfate	**300**		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 22:06	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.21**		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	**37**		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	**0.28**		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	**5.9**		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	**0.031**		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	**1.8**		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	**190**		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	**0.4**	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539738

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**170**		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	**170**		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**730**		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

Sample ID: DW-31	Lab ID: 539738-004	Collected: 08/11/25 11:48
	Matrix: Water	

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.24**		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Chloride	**85**		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Bromide	**0.52**		mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Sulfate	**290**		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 22:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**26**		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.48**		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	**150**		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	**0.25**		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	**28**		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	**0.76**		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	**1.6**		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	**120**		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	98%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539738

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	**9.7**		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**8.1**		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**350**		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	**350**		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**980**		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

Sample ID: QCFB	Lab ID: 539738-005	Collected: 08/11/25 09:32
	Matrix: Water	

539738-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	**0.2**	J	ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	**0.7**	J	ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

539738-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

Sample ID: QCTB	Lab ID: 539738-006	Collected: 08/11/25
	Matrix: Water	

539738-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	**0.5**	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	**0.8**	J	ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539738

539738-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	97%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1283615	Batch: 379028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1283615 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/12/25 18:00	08/12/25 18:26
Chloride	ND		mg/L	1.0	0.27	08/12/25 18:00	08/12/25 18:26
Bromide	ND		mg/L	0.30	0.060	08/12/25 18:00	08/12/25 18:26
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/12/25 18:00	08/12/25 18:26
Sulfate	ND		mg/L	1.0	0.18	08/12/25 18:00	08/12/25 18:26

Type: Lab Control Sample	Lab ID: QC1283616	Batch: 379028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1283616 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.699	10.00	mg/L	97%		90-110
Chloride	45.99	50.00	mg/L	92%		90-110
Bromide	14.38	15.00	mg/L	96%		90-110
Nitrogen, Nitrate	4.482	4.518	mg/L	99%		90-110
Sulfate	24.55	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1283617	Batch: 379028
Matrix (Source ID): Water (539738-001)	Method: EPA 300.0	Prep Method: METHOD

QC1283617 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.51	0.4073	20.00	mg/L	101%		80-129	1
Chloride	190.9	94.46	100.0	mg/L	96%		80-123	1
Bromide	14.60	0.09811	15.00	mg/L	97%		80-121	1
Nitrogen, Nitrate	9.400	0.2974	9.036	mg/L	101%		80-123	1
Sulfate	78.20	29.15	50.00	mg/L	98%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1283618	Batch: 379028
Matrix (Source ID): Water (539738-001)	Method: EPA 300.0	Prep Method: METHOD

QC1283618 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.76	0.4073	20.00	mg/L	102%		80-129	1	21	1
Chloride	192.2	94.46	100.0	mg/L	98%		80-123	1	20	1
Bromide	14.81	0.09811	15.00	mg/L	98%		80-121	1	20	1
Nitrogen, Nitrate	9.526	0.2974	9.036	mg/L	102%		80-123	1	20	1
Sulfate	78.80	29.15	50.00	mg/L	99%		79-124	1	20	1

Type: Blank	Lab ID: QC1286769	Batch: 379929
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1286769 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/21/25	08/22/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1286770 **Batch:** 379929
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1286770 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.026	1.000	mg/L	103%		90-110

Type: Matrix Spike **Lab ID:** QC1286771 **Batch:** 379929
Matrix (Source ID): Water (539738-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1286771 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9573	ND	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1286772 **Batch:** 379929
Matrix (Source ID): Water (539738-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1286772 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.8513	ND	1.000	mg/L	85%	*	90-110	12	20	1

Type: Matrix Spike **Lab ID:** QC1286773 **Batch:** 379929
Matrix (Source ID): Water (539738-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1286773 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9796	ND	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1286774 **Batch:** 379929
Matrix (Source ID): Water (539738-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1286774 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.021	ND	1.000	mg/L	102%		90-110	4	20	1

Type: Blank **Lab ID:** QC1284339 **Batch:** 379259
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type: Lab Control Sample **Lab ID:** QC1284340 **Batch:** 379259
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1284341	Batch:	379259
Matrix (Source ID):	Water (539423-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1284342	Batch:	379259
Matrix (Source ID):	Water (539423-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type:	Matrix Spike	Lab ID:	QC1284343	Batch:	379259
Matrix (Source ID):	Water (539738-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1284344	Batch:	379259
Matrix (Source ID):	Water (539738-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type:	Lab Control Sample	Lab ID:	QC1283597	Batch:	379027
Matrix:	Filtrate	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1283597 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3539	0.4000	mg/L	88%		80-120
Calcium	18.59	20.40	mg/L	91%		80-120
Iron	0.3848	0.4000	mg/L	96%		80-120
Magnesium	19.26	20.40	mg/L	94%		80-120
Manganese	0.3782	0.4000	mg/L	95%		80-120
Potassium	21.93	24.00	mg/L	91%		80-120
Sodium	19.04	20.40	mg/L	93%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1283598	Batch:	379027
Matrix (Source ID):	Water (539652-007)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1283598 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.3575	ND	0.4000	mg/L	89%		75-125	1
Calcium	18.43	ND	20.40	mg/L	90%		75-125	1
Iron	0.3928	ND	0.4000	mg/L	98%		75-125	1
Magnesium	19.07	ND	20.40	mg/L	93%		75-125	1
Manganese	0.3755	ND	0.4000	mg/L	94%		75-125	1
Potassium	21.83	ND	24.00	mg/L	91%		75-125	1
Sodium	18.96	ND	20.40	mg/L	93%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1283599	Batch:	379027
Matrix (Source ID):	Water (539652-007)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1283599 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.3600	ND	0.4000	mg/L	90%		75-125	1	20	1
Calcium	18.56	ND	20.40	mg/L	91%		75-125	1	20	1
Iron	0.3934	ND	0.4000	mg/L	98%		75-125	0	22	1
Magnesium	19.22	ND	20.40	mg/L	94%		75-125	1	20	1
Manganese	0.3781	ND	0.4000	mg/L	95%		75-125	1	20	1
Potassium	21.94	ND	24.00	mg/L	91%		75-125	1	20	1
Sodium	18.96	ND	20.40	mg/L	93%		75-125	0	20	1

Type:	Blank	Lab ID:	QC1283628	Batch:	379027
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1283628 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	08/12/25	08/13/25
Calcium	ND		mg/L	1.0	0.57	08/12/25	08/13/25
Iron	ND		mg/L	0.10	0.046	08/12/25	08/13/25
Magnesium	ND		mg/L	0.10	0.025	08/12/25	08/13/25
Manganese	ND		mg/L	0.010	0.0029	08/12/25	08/13/25
Potassium	ND		mg/L	0.50	0.40	08/12/25	08/13/25
Sodium	ND		mg/L	0.60	0.35	08/12/25	08/13/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Serial Dilution**	**Lab ID:**	**QC1283630**	**Batch:**	**379027**
Matrix (Source ID):	**Water (539652-007)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1283630 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	ND	ND	mg/L				5
Calcium	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	ND	ND	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	ND	mg/L				5
Sodium	ND	ND	mg/L				5

Type:	**Lab Control Sample**	**Lab ID:**	**QC1286092**	**Batch:**	**379732**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1286092 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.29	50.00	ug/L	103%		69-128
MTBE	47.11	50.00	ug/L	94%		66-125
Benzene	51.14	50.00	ug/L	102%		76-121
Trichloroethene	52.92	50.00	ug/L	106%		76-124
Toluene	50.79	50.00	ug/L	102%		76-120
Chlorobenzene	49.63	50.00	ug/L	99%		78-120
Surrogates						
Dibromofluoromethane	48.74	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	48.64	50.00	ug/L	97%		70-130
Toluene-d8	50.78	50.00	ug/L	102%		70-130
Bromofluorobenzene	50.86	50.00	ug/L	102%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1286093**	**Batch:**	**379732**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1286093 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.41	50.00	ug/L	101%		69-128	2	23
MTBE	46.30	50.00	ug/L	93%		66-125	2	22
Benzene	49.67	50.00	ug/L	99%		76-121	3	21
Trichloroethene	50.83	50.00	ug/L	102%		76-124	4	22
Toluene	49.19	50.00	ug/L	98%		76-120	3	21
Chlorobenzene	48.78	50.00	ug/L	98%		78-120	2	20
Surrogates								
Dibromofluoromethane	48.93	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	48.46	50.00	ug/L	97%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.47	50.00	ug/L	99%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1286097	**Batch:** 379732	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1286097 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	08/20/25	08/20/25
Freon 12	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Chloromethane	ND		ug/L	5.0	0.4	08/20/25	08/20/25
Vinyl Chloride	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Bromomethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Chloroethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Acetone	ND		ug/L	100	16	08/20/25	08/20/25
Freon 113	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/20/25	08/20/25
MTBE	ND		ug/L	5.0	0.03	08/20/25	08/20/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,1-Dichloroethane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2-Butanone	ND		ug/L	100	1.3	08/20/25	08/20/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Chloroform	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	08/20/25	08/20/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Carbon Tetrachloride	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dichloroethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Benzene	ND		ug/L	5.0	0.04	08/20/25	08/20/25
Trichloroethene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/20/25	08/20/25
Dibromomethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	08/20/25	08/20/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Toluene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,3-Dichloropropane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Tetrachloroethene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Dibromochloromethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,2-Dibromoethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Chlorobenzene	ND		ug/L	5.0	0.07	08/20/25	08/20/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Ethylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
m,p-Xylenes	ND		ug/L	10	0.09	08/20/25	08/20/25
o-Xylene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Styrene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
Bromoform	ND		ug/L	5.0	0.09	08/20/25	08/20/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25

ENTHALPY ANALYTICAL

Batch QC

QC1286097 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Bromobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2-Chlorotoluene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
4-Chlorotoluene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
tert-Butylbenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	08/20/25	08/20/25
sec-Butylbenzene	ND		ug/L	5.0	0.07	08/20/25	08/20/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
n-Butylbenzene	ND		ug/L	5.0	0.04	08/20/25	08/20/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	08/20/25	08/20/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Hexachlorobutadiene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Naphthalene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/20/25	08/20/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Xylene (total)	ND		ug/L	5.0		08/20/25	08/20/25
Surrogates				**Limits**			
Dibromofluoromethane	97%		%REC	70-130		08/20/25	08/20/25
1,2-Dichloroethane-d4	99%		%REC	70-130		08/20/25	08/20/25
Toluene-d8	102%		%REC	70-130		08/20/25	08/20/25
Bromofluorobenzene	101%		%REC	70-130		08/20/25	08/20/25

Type:	**Matrix Spike**	**Lab ID:**	**QC1286256**	**Batch:**	**379732**
Matrix (Source ID):	**Water (539738-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1286256 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.76	ND	20.00	ug/L	104%		62-131	1
MTBE	20.14	ND	20.00	ug/L	101%		61-124	1
Benzene	21.91	ND	20.00	ug/L	110%		70-123	1
Trichloroethene	22.13	ND	20.00	ug/L	111%		65-131	1
Toluene	21.57	ND	20.00	ug/L	108%		69-120	1
Chlorobenzene	22.21	ND	20.00	ug/L	111%		72-121	1
Surrogates								
Dibromofluoromethane	48.75		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	51.16		50.00	ug/L	102%		70-130	1
Toluene-d8	49.63		50.00	ug/L	99%		70-130	1
Bromofluorobenzene	48.51		50.00	ug/L	97%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1286257**	**Batch:**	**379732**
Matrix (Source ID):	**Water (539738-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1286257 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.72	ND	20.00	ug/L	109%		62-131	4	31	1
MTBE	21.10	ND	20.00	ug/L	106%		61-124	5	30	1
Benzene	22.60	ND	20.00	ug/L	113%		70-123	3	31	1
Trichloroethene	22.06	ND	20.00	ug/L	110%		65-131	0	31	1
Toluene	21.50	ND	20.00	ug/L	108%		69-120	0	29	1
Chlorobenzene	22.07	ND	20.00	ug/L	110%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	50.11		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	52.87		50.00	ug/L	106%		70-130			1
Toluene-d8	48.69		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	48.93		50.00	ug/L	98%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1286470	**Batch:** 379843	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1286470 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Freon 12	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Chloromethane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromomethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Chloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Acetone	ND		ug/L	100	14	08/21/25	08/21/25
Freon 113	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/21/25	08/21/25
MTBE	ND		ug/L	5.0	0.1	08/21/25	08/21/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
2-Butanone	ND		ug/L	100	1.3	08/21/25	08/21/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Chloroform	ND		ug/L	5.0	0.08	08/21/25	08/21/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Benzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Trichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Dibromomethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	08/21/25	08/21/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Toluene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/21/25	08/21/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Tetrachloroethene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Dibromochloromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Chlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Ethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
m,p-Xylenes	ND		ug/L	10	0.2	08/21/25	08/21/25
o-Xylene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Styrene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromoform	ND		ug/L	5.0	0.06	08/21/25	08/21/25
Isopropylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	08/21/25	08/21/25

ENTHALPY ANALYTICAL

Batch QC

QC1286470 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
n-Butylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	08/21/25	08/21/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Naphthalene	ND		ug/L	5.0	0.6	08/21/25	08/21/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Xylene (total)	ND		ug/L	5.0		08/21/25	08/21/25
Surrogates				**Limits**			
Dibromofluoromethane	105%		%REC	70-130		08/21/25	08/21/25
1,2-Dichloroethane-d4	100%		%REC	70-130		08/21/25	08/21/25
Toluene-d8	99%		%REC	70-130		08/21/25	08/21/25
Bromofluorobenzene	95%		%REC	70-130		08/21/25	08/21/25

Type: Lab Control Sample **Lab ID:** QC1286471 **Batch:** 379843
Matrix: Water **Method:** EPA 8260B **Prep Method:** EPA 5030B

QC1286471 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.92	50.00	ug/L	102%		69-128
MTBE	51.73	50.00	ug/L	103%		66-125
Benzene	52.82	50.00	ug/L	106%		76-121
Trichloroethene	52.86	50.00	ug/L	106%		76-124
Toluene	53.08	50.00	ug/L	106%		76-120
Chlorobenzene	53.04	50.00	ug/L	106%		78-120
Surrogates						
Dibromofluoromethane	51.54	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	49.59	50.00	ug/L	99%		70-130
Toluene-d8	49.65	50.00	ug/L	99%		70-130
Bromofluorobenzene	47.11	50.00	ug/L	94%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1286472**	**Batch:**	**379843**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1286472 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.05	50.00	ug/L	92%		69-128	10	23
MTBE	48.74	50.00	ug/L	97%		66-125	6	22
Benzene	48.72	50.00	ug/L	97%		76-121	8	21
Trichloroethene	48.11	50.00	ug/L	96%		76-124	9	22
Toluene	48.17	50.00	ug/L	96%		76-120	10	21
Chlorobenzene	48.05	50.00	ug/L	96%		78-120	10	20
Surrogates								
Dibromofluoromethane	51.53	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	49.13	50.00	ug/L	98%		70-130		
Toluene-d8	48.91	50.00	ug/L	98%		70-130		
Bromofluorobenzene	45.68	50.00	ug/L	91%		70-130		

Type:	**Matrix Spike**	**Lab ID:**	**QC1286528**	**Batch:**	**379843**
Matrix (Source ID):	**Water (540387-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1286528 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	1,063	ND	1000	ug/L	106%		62-131	50
MTBE	1,021	ND	1000	ug/L	102%		61-124	50
Benzene	1,133	27.93	1000	ug/L	110%		70-123	50
Trichloroethene	1,156	ND	1000	ug/L	116%		65-131	50
Toluene	1,126	17.91	1000	ug/L	111%		69-120	50
Chlorobenzene	1,111	ND	1000	ug/L	111%		72-121	50
Surrogates								
Dibromofluoromethane	2,597		2500	ug/L	104%		70-130	50
1,2-Dichloroethane-d4	2,511		2500	ug/L	100%		70-130	50
Toluene-d8	2,503		2500	ug/L	100%		70-130	50
Bromofluorobenzene	2,328		2500	ug/L	93%		70-130	50

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1286529	Batch:	379843
Matrix (Source ID):	Water (540387-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1286529 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	1,117	ND	1000	ug/L	112%		62-131	5	31	50
MTBE	1,065	ND	1000	ug/L	107%		61-124	4	30	50
Benzene	1,176	27.93	1000	ug/L	115%		70-123	4	31	50
Trichloroethene	1,131	ND	1000	ug/L	113%		65-131	2	31	50
Toluene	1,112	17.91	1000	ug/L	109%		69-120	1	29	50
Chlorobenzene	1,104	ND	1000	ug/L	110%		72-121	1	29	50
Surrogates										
Dibromofluoromethane	2,701		2500	ug/L	108%		70-130			50
1,2-Dichloroethane-d4	2,766		2500	ug/L	111%		70-130			50
Toluene-d8	2,493		2500	ug/L	100%		70-130			50
Bromofluorobenzene	2,356		2500	ug/L	94%		70-130			50

Type:	Blank	Lab ID:	QC1283710	Batch:	379053
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1283710 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/13/25	08/13/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	105%		%REC	80-120		08/13/25	08/13/25

Type:	Lab Control Sample	Lab ID:	QC1283711	Batch:	379053
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1283711 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.05	10.00	ug/L	101%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.31	10.00	ug/L	103%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1283712	Batch:	379053
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1283712 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.921	10.00	ug/L	99%		79-120	1	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.24	10.00	ug/L	102%		80-120		

Type:	Blank	Lab ID:	QC1284050	Batch:	379161
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1284050 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/13/25	08/13/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1284051 **Batch:** 379161
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1284051 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1284052 **Batch:** 379161
Matrix (Source ID): Water (539841-005) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1284052 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1284053 **Batch:** 379161
Matrix (Source ID): Water (539841-005) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1284053 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank **Lab ID:** QC1287276 **Batch:** 380079
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1287276 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	08/22/25	08/23/25

Type: Lab Control Sample **Lab ID:** QC1287277 **Batch:** 380079
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1287277 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.28	25.00	mg/L	97%		85-115

Type: Matrix Spike **Lab ID:** QC1287278 **Batch:** 380079
Matrix (Source ID): Water (539738-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1287278 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.91	0.9392	25.00	mg/L	108%		75-125	1

Type: Matrix Spike Duplicate **Lab ID:** QC1287279 **Batch:** 380079
Matrix (Source ID): Water (539738-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1287279 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	28.63	0.9392	25.00	mg/L	111%		75-125	3	25	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank **Lab ID: QC1285918** **Batch: 379680**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1285918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		08/19/25	08/19/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		08/19/25	08/19/25

Type: Lab Control Sample **Lab ID: QC1285919** **Batch: 379680**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1285919 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	898.9	1000	mg/L	90%		90-110

Type: Sample Duplicate **Lab ID: QC1285920** **Batch: 379680**
Matrix (Source ID): Water (539618-002) **Method: SM2320B** **Prep Method: METHOD**

QC1285920 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	112.6	110.8	mg/L		2	20	2.5
Alkalinity, Total as CaCO3	112.6	110.8	mg/L		2	20	2.5

Type: Blank **Lab ID: QC1283890** **Batch: 379118**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1283890 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		08/13/25	08/14/25

Type: Lab Control Sample **Lab ID: QC1283891** **Batch: 379118**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1283891 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,024	1000	mg/L	102%		90-110

Type: Sample Duplicate **Lab ID: QC1283892** **Batch: 379118**
Matrix (Source ID): Water (539509-001) **Method: SM2540C** **Prep Method: METHOD**

QC1283892 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,548	2546	mg/L		0	5	2

Type: Sample Duplicate **Lab ID: QC1283893** **Batch: 379118**
Matrix (Source ID): Water (539686-002) **Method: SM2540C** **Prep Method: METHOD**

QC1283893 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,596	1630	mg/L		2	5	2

Batch QC

* Value is outside QC limits
ND Not Detected

Laboratory Job Number 539738

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508891

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-539738

Project Location:
Project Received: 08/14/2025

Analytical Report reviewed & approved for release on 08/18/2025 by:

Jena Alfaro
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508891

Project: EO-539738

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508891

Project: EO-539738

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508891
Date Received:	08/14/2025 9:24	**Extraction Method:**	RSK175
Date Prepared:	08/18/2025	**Analytical Method:**	RSK175
Project:	EO-539738	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2508891-001A	Water	08/11/2025 08:15	GC26 0818250904.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**350**	50	50	1	08/18/2025 10:38

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2508891-002A	Water	08/11/2025 09:29	GC26 0818250905.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**310**	50	50	1	08/18/2025 11:05

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2508891-003A	Water	08/11/2025 10:50	GC26 0818250907.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2600**	100	100	2	08/18/2025 11:32

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508891
Date Received:	08/14/2025 9:24	**Extraction Method:**	RSK175
Date Prepared:	08/18/2025	**Analytical Method:**	RSK175
Project:	EO-539738	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2508891-004A	Water	08/11/2025 11:48	GC26 0818250909.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**38,000**	2000	2000	40	08/18/2025 13:08

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508891
Date Prepared:	08/18/2025	**BatchID:**	323908
Date Analyzed:	08/18/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-539738	**Sample ID:**	MB/LCS/LCSD-323908

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	130	187.2	75	70	70-130	6.79	30

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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2508891 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-539738

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: **08/14/2025**
Date Logged: **08/14/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508891-001	DW-14	Water	8/11/2025 08:15	☐	A	A										
2508891-002	DW-17	Water	8/11/2025 09:29	☐	A	A										
2508891-003	DW-30	Water	8/11/2025 10:50	☐	A	A										
2508891-004	DW-31	Water	8/11/2025 11:48	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-539738
Comments

Work Order: 2508891
QC Level: LEVEL 2
Date Logged: 8/14/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 8:15	2 days	8/18/2025	Present	☐	☐
002A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 9:29	2 days	8/18/2025	Trace	☐	☐
003A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 10:50	2 days	8/18/2025	Present	☐	☐
004A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 11:48	2 days	8/18/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

HOLD TIME RUSH

2508891

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-539738
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-14	11-AUG-2025 08:15	539738-001	3	Water	RSK-175 CO2	
DW-17	11-AUG-2025 09:29	539738-002	3	Water	RSK-175 CO2	
DW-30	11-AUG-2025 10:50	539738-003	3	Water	RSK-175 CO2	
DW-31	11-AUG-2025 11:48	539738-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	FedEx
	Date: 8-13-25 15:01	Date:
	FedEx	[signature]
	Date:	Date: 8/14/25 0924
	Date:	Date:

TN: 8835 5297 1761

2.3°C wet
IR#1

1 of 1

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McCampbell Analytical, Inc.
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	8/14/2025 09:24
Project:	EO-539738	Date Logged:	8/14/2025
		Received by:	
WorkOrder №:	2508891 Matrix:	Logged by:	Valerie Alfaro
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☑	No	☐	NA	☐
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 2.3°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

48 of 48

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 539764
Report Level : II
Report Date : 09/02/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	539764 GW MONITORING Chiquita Canyon Landfill / Quarterly MPars 08/12/25

Sample ID	Lab ID	Collected	Matrix
DW-1	539764-001	08/12/25 07:52	Water
DW-16	539764-002	08/12/25 08:49	Water
DW-3	539764-003	08/12/25 09:48	Water
PZ-4	539764-004	08/12/25 10:44	Water
QCFB	539764-005	08/12/25 10:46	Water
QCTB	539764-006	08/12/25 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 539764 Project No: GW MONITORING Location: Chiquita Canyon Landfill / Quarterly MPars Date Received: 08/12/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 08/13/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- High recoveries were observed for benzene, 1,1-dichloroethene, and MTBE in the MS/MSD of DW-1 (lab # 539764-001); the BS/BSD were within limits, the associated RPDs were within limits, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Iron was detected above the RL in the method blank for batch 379158; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD of DW-3 (lab # 539764-003); affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS of DW-1 (lab # 539764-001); the LCS was within limits. High RPD was also observed for ammonia-N in the MS/MSD of DW-1 (lab # 539764-001); this analyte was not detected at or above the RL in the associated samples.
- Low recoveries were observed for ammonia-N in the MS/MSD for batch 380324; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 539764

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 2.4/2.4 (lab use only) 1 H3

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-1	8/12/25	752	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-16		849				X	X	X	X	X	X	X	X	X
3	DW-3		948				X	X	X	X	X	X	X	X	X
4	PZ-4		1044				X	X	X	X	X	X	X	X	X
5	QCFB		1046		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Analysis Request

Test Instructions / Comments

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

Login 539764

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Paul Chang	CEI	8/12/25 12:10
1 Received By:		Alice Tahasian	EA/NH	8/12/25 12:10
2 Relinquished By:		Alice Tahasian	EA/NH	8/13/25 8:45
2 Received By:		GEMA O	EANH	8.13.25 8:45
3 Relinquished By:		GEMA O	EANH	8.18.25 10:59
3 Received By:		Denny	EA	8-13-25 1215

Rec'd: Denny 8/13/25 1310

Rec'd: Anna Roberts 8/13/25 13:10

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8/12/25 WO# _____ Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☒ No**

Custody seals intact on arrival? ☐ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8/12/25 By (initials) AXT Type of ice used : ☐ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: 0.7

Cooler Temp (°C) #1: 15.2/14.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged _____ **By (print)**_____ **(sign)**_____

Date Labeled _____ **By (print)**_____ **(sign)**_____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8/13/25 WO# 539764 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8/13/25 By (initials) DEP Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 2.4 / 2.4 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 8/12/25 **By (print)** AXT **(sign)** _____

Date Labeled 8/13/25 **By (print)** EA - Orange **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 539764

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539764
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 08/12/25

Sample ID: DW-1 **Lab ID: 539764-001** **Collected: 08/12/25 07:52**
Matrix: Water

539764-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.84**		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Chloride	**110**		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Bromide	**0.25**	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 20:48	KUM
Sulfate	**360**		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 21:05	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.21**		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	**53**		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	**9.9**		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	**0.047**		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	**2.4**		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	**210**		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	**0.1**	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

539764-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	**0.2**	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539764

539764-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	117%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	89%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**180**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	**180**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**930**		mg/L	20		2	379289	08/14/25	08/17/25	CDR

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

Sample ID: DW-16	Lab ID: 539764-002	Collected: 08/12/25 08:49
	Matrix: Water	

539764-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.43**		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Chloride	**110**		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Bromide	**0.20**	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 21:22	KUM
Sulfate	**190**		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 21:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.13**		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	**6.5**		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	**0.36**		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	**0.93**		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	**230**		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	**0.1**	J	ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	**0.4**	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	**1.2**	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	**0.7**	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

539764-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	**0.2**	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	**0.5**	J	ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	**0.5**	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	**0.2**	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	109%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	120%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	88%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539764

539764-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**230**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	**230**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**790**		mg/L	20		2	379289	08/14/25	08/17/25	CDR

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

Sample ID: DW-3	Lab ID: 539764-003	Collected: 08/12/25 09:48
	Matrix: Water	

539764-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.72**		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Chloride	**53**		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Bromide	**0.13**	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Nitrogen, Nitrate	**1.6**		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 21:55	KUM
Sulfate	**100**		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 23:20	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.26**		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	**32**		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	**3.8**		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	**1.8**		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	**110**		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	**3.2**	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	**0.1**	J	ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	**0.2**	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

539764-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	**0.1**	J	ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	**0.6**	J	ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	109%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	118%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	90%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539764

539764-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	**190**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**510**		mg/L	20		2	379289	08/14/25	08/17/25	CDR

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

Sample ID: PZ-4	Lab ID: 539764-004	Collected: 08/12/25 10:44
	Matrix: Water	

539764-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.59**		mg/L	0.20	0.073	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Chloride	**58**		mg/L	1.0	0.27	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Bromide	**0.13**	J	mg/L	0.30	0.060	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Nitrogen, Nitrate	**1.1**		mg/L	0.10	0.05	1	379150	08/13/25 18:55	08/13/25 23:37	KUM
Sulfate	**130**		mg/L	10	1.8	10	379150	08/13/25 18:55	08/13/25 23:54	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.069**	J	mg/L	0.10	0.050	1	380324	08/26/25	08/27/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**11**		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.32**		mg/L	0.050	0.0062	1	379158	08/13/25	08/14/25	TWJ
Calcium	**50**		mg/L	1.0	0.57	1	379158	08/13/25	08/14/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	379158	08/13/25	08/14/25	TWJ
Magnesium	**9.6**		mg/L	0.10	0.025	1	379158	08/13/25	08/14/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	379158	08/13/25	08/14/25	TWJ
Potassium	**2.2**		mg/L	0.50	0.42	1	379158	08/13/25	08/14/25	TWJ
Sodium	**180**		mg/L	0.50	0.34	1	379158	08/13/25	08/14/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	**0.4**	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

539764-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	115%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	90%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Method: EPA 8270C-SIM
Prep Method: EPA 3535

Results for any subcontracted analyses are not included in this section.

Analysis Results for 539764

539764-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379185	08/14/25	08/14/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	379185	08/14/25	08/14/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379162	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380355	08/26/25	08/27/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**390**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Alkalinity, Total as CaCO3	**390**		mg/L	10		5	379823	08/20/25	08/20/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**780**		mg/L	20		2	379289	08/14/25	08/17/25	CDR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539764

Sample ID: QCFB	Lab ID: 539764-005	Collected: 08/12/25 10:46
	Matrix: Water	

539764-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	**0.2**	J	ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	**0.7**	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539764

539764-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	111%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	121%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	88%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 539764

Sample ID: QCTB	Lab ID: 539764-006	Collected: 08/12/25
	Matrix: Water	

539764-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Chloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
Chloroethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Acetone	ND		ug/L	100	8.8	1	380072	08/23/25	08/23/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Methylene Chloride	**0.7**	J	ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
2-Butanone	ND		ug/L	100	0.9	1	380072	08/23/25	08/23/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Chloroform	**0.8**	J	ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Benzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Trichloroethene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	380072	08/23/25	08/23/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	380072	08/23/25	08/23/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	380072	08/23/25	08/23/25	ZST
o-Xylene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Styrene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Bromoform	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 539764

539764-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
Propylbenzene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
Bromobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	380072	08/23/25	08/23/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	380072	08/23/25	08/23/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.08	1	380072	08/23/25	08/23/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	380072	08/23/25	08/23/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	380072	08/23/25	08/23/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	380072	08/23/25	08/23/25	ZST
Naphthalene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	380072	08/23/25	08/23/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380072	08/23/25	08/23/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	380072	08/23/25	08/23/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380072	08/23/25	08/23/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	112%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
1,2-Dichloroethane-d4	120%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Toluene-d8	89%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	380072	08/23/25	08/23/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1284002**	**Batch:**	**379150**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1284002 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/13/25 18:55	08/13/25 19:24
Chloride	ND		mg/L	1.0	0.27	08/13/25 18:55	08/13/25 19:24
Bromide	ND		mg/L	0.30	0.060	08/13/25 18:55	08/13/25 19:24
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/13/25 18:55	08/13/25 19:24
Sulfate	ND		mg/L	1.0	0.18	08/13/25 18:55	08/13/25 19:24

Type:	**Lab Control Sample**	**Lab ID:**	**QC1284003**	**Batch:**	**379150**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1284003 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.18	10.00	mg/L	102%		90-110
Chloride	46.36	50.00	mg/L	93%		90-110
Bromide	14.48	15.00	mg/L	97%		90-110
Nitrogen, Nitrate	4.529	4.518	mg/L	100%		90-110
Sulfate	24.74	25.00	mg/L	99%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1284004**	**Batch:**	**379150**
Matrix (Source ID):	**Water (539890-002)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1284004 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.66	0.3103	20.00	mg/L	107%		80-129	1
Chloride	107.4	3.858	100.0	mg/L	104%		80-123	1
Bromide	14.80	ND	15.00	mg/L	99%		80-121	1
Nitrogen, Nitrate	12.42	3.383	9.036	mg/L	100%		80-123	1
Sulfate	54.52	3.622	50.00	mg/L	102%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1284005**	**Batch:**	**379150**
Matrix (Source ID):	**Water (539890-002)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1284005 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.77	0.3103	20.00	mg/L	107%		80-129	0	21	1
Chloride	107.6	3.858	100.0	mg/L	104%		80-123	0	20	1
Bromide	14.82	ND	15.00	mg/L	99%		80-121	0	20	1
Nitrogen, Nitrate	12.44	3.383	9.036	mg/L	100%		80-123	0	20	1
Sulfate	54.90	3.622	50.00	mg/L	103%		79-124	1	20	1

Batch QC

Type:	Matrix Spike	Lab ID:	QC1284031	Batch:	379150
Matrix (Source ID):	Water (539764-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1284031 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.75	0.7217	20.00	mg/L	105%		80-129	1
Chloride	154.3	53.10	100.0	mg/L	101%		80-123	1
Bromide	14.56	0.1339	15.00	mg/L	96%		80-121	1
Nitrogen, Nitrate	10.60	1.642	9.036	mg/L	99%		80-123	1
Sulfate	143.2	100.2	50.00	mg/L	86%	E	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1284032	Batch:	379150
Matrix (Source ID):	Water (539764-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1284032 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.88	0.7217	20.00	mg/L	106%		80-129	1	21	1
Chloride	154.8	53.10	100.0	mg/L	102%		80-123	0	20	1
Bromide	14.67	0.1339	15.00	mg/L	97%		80-121	1	20	1
Nitrogen, Nitrate	10.66	1.642	9.036	mg/L	100%		80-123	1	20	1
Sulfate	143.3	100.2	50.00	mg/L	86%	E	79-124		20	1

Type:	Blank	Lab ID:	QC1288121	Batch:	380324
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1288121 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/26/25	08/27/25

Type:	Lab Control Sample	Lab ID:	QC1288122	Batch:	380324
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1288122 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.008	1.000	mg/L	101%		90-110

Type:	Matrix Spike	Lab ID:	QC1288123	Batch:	380324
Matrix (Source ID):	Water (539764-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1288123 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.7398	ND	1.000	mg/L	74%	*	90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1288124	Batch:	380324
Matrix (Source ID):	Water (539764-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1288124 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9212	ND	1.000	mg/L	92%		90-110	22*	20	1

Type:	Matrix Spike	Lab ID:	QC1288125	Batch:	380324
Matrix (Source ID):	Water (539943-003)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1288125 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9195	0.05142	1.000	mg/L	87%	*	90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1288126	Batch:	380324
Matrix (Source ID):	Water (539943-003)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1288126 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.8642	0.05142	1.000	mg/L	81%	*	90-110	6	20	1

Type:	Blank	Lab ID:	QC1284339	Batch:	379259
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type:	Lab Control Sample	Lab ID:	QC1284340	Batch:	379259
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type:	Matrix Spike	Lab ID:	QC1284341	Batch:	379259
Matrix (Source ID):	Water (539423-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1284342**	**Batch:**	**379259**
Matrix (Source ID):	**Water (539423-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type:	**Matrix Spike**	**Lab ID:**	**QC1284343**	**Batch:**	**379259**
Matrix (Source ID):	**Water (539738-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1284344**	**Batch:**	**379259**
Matrix (Source ID):	**Water (539738-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type:	**Blank**	**Lab ID:**	**QC1284042**	**Batch:**	**379158**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1284042 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	08/13/25	08/14/25
Calcium	ND		mg/L	0.57	0.57	08/13/25	08/14/25
Iron	0.042		mg/L	0.041	0.041	08/13/25	08/14/25
Magnesium	ND		mg/L	0.10	0.025	08/13/25	08/14/25
Manganese	ND		mg/L	0.010	0.0029	08/13/25	08/14/25
Potassium	ND		mg/L	0.50	0.42	08/13/25	08/14/25
Sodium	ND		mg/L	0.50	0.34	08/13/25	08/14/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1284043**	**Batch:**	**379158**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1284043 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3452	0.4000	mg/L	86%		80-120
Calcium	17.53	20.40	mg/L	86%		80-120
Iron	0.3706	0.4000	mg/L	93%		80-120
Magnesium	18.29	20.40	mg/L	90%		80-120
Manganese	0.3722	0.4000	mg/L	93%		80-120
Potassium	20.45	24.00	mg/L	85%		80-120
Sodium	17.39	20.40	mg/L	85%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1284044	Batch:	379158
Matrix (Source ID):	Water (539716-010)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1284044 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.3504	ND	0.4000	mg/L	88%		75-125	1
Calcium	17.91	ND	20.40	mg/L	88%		75-125	1
Iron	0.3758	ND	0.4000	mg/L	94%		75-125	1
Magnesium	18.57	ND	20.40	mg/L	91%		75-125	1
Manganese	0.3769	ND	0.4000	mg/L	94%		75-125	1
Potassium	20.78	ND	24.00	mg/L	87%		75-125	1
Sodium	17.84	ND	20.40	mg/L	87%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1284045	Batch:	379158
Matrix (Source ID):	Water (539716-010)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1284045 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.3519	ND	0.4000	mg/L	88%		75-125	0	20	1
Calcium	18.10	ND	20.40	mg/L	89%		75-125	1	20	1
Iron	0.3850	ND	0.4000	mg/L	96%		75-125	2	22	1
Magnesium	18.67	ND	20.40	mg/L	92%		75-125	0	20	1
Manganese	0.3786	ND	0.4000	mg/L	95%		75-125	0	20	1
Potassium	20.89	ND	24.00	mg/L	87%		75-125	1	20	1
Sodium	17.94	ND	20.40	mg/L	88%		75-125	1	20	1

Type:	Serial Dilution	Lab ID:	QC1284066	Batch:	379158
Matrix (Source ID):	Water (539716-010)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1284066 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	ND	ND	mg/L				5
Calcium	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	ND	ND	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	ND	mg/L				5
Sodium	ND	ND	mg/L				5

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1287247	Batch: 380072
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287247 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	55.92	50.00	ug/L	112%		69-128
MTBE	61.77	50.00	ug/L	124%		66-125
Benzene	54.89	50.00	ug/L	110%		76-121
Trichloroethene	45.10	50.00	ug/L	90%		76-124
Toluene	46.02	50.00	ug/L	92%		76-120
Chlorobenzene	46.32	50.00	ug/L	93%		78-120
Surrogates						
Dibromofluoromethane	52.38	50.00	ug/L	105%		70-130
1,2-Dichloroethane-d4	55.18	50.00	ug/L	110%		70-130
Toluene-d8	45.58	50.00	ug/L	91%		70-130
Bromofluorobenzene	49.34	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1287248	Batch: 380072
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287248 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.97	50.00	ug/L	102%		69-128	9	23
MTBE	56.94	50.00	ug/L	114%		66-125	8	22
Benzene	49.87	50.00	ug/L	100%		76-121	10	21
Trichloroethene	40.78	50.00	ug/L	82%		76-124	10	22
Toluene	41.51	50.00	ug/L	83%		76-120	10	21
Chlorobenzene	41.54	50.00	ug/L	83%		78-120	11	20
Surrogates								
Dibromofluoromethane	51.00	50.00	ug/L	102%		70-130		
1,2-Dichloroethane-d4	54.50	50.00	ug/L	109%		70-130		
Toluene-d8	44.91	50.00	ug/L	90%		70-130		
Bromofluorobenzene	50.35	50.00	ug/L	101%		70-130		

Type: Matrix Spike	Lab ID: QC1287249	Batch: 380072
Matrix (Source ID): Water (539764-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1287249 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	26.71	ND	20.00	ug/L	134%	*	62-131	1
MTBE	26.27	ND	20.00	ug/L	131%	*	61-124	1
Benzene	23.77	ND	20.00	ug/L	119%		70-123	1
Trichloroethene	19.65	ND	20.00	ug/L	98%		65-131	1
Toluene	19.67	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	20.35	ND	20.00	ug/L	102%		72-121	1
Surrogates								
Dibromofluoromethane	55.09		50.00	ug/L	110%		70-130	1
1,2-Dichloroethane-d4	59.36		50.00	ug/L	119%		70-130	1
Toluene-d8	44.77		50.00	ug/L	90%		70-130	1
Bromofluorobenzene	49.81		50.00	ug/L	100%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1287250**	**Batch:**	**380072**
Matrix (Source ID):	**Water (539764-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1287250 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	26.35	ND	20.00	ug/L	132%	*	62-131	1	31	1
MTBE	27.15	ND	20.00	ug/L	136%	*	61-124	3	30	1
Benzene	25.36	ND	20.00	ug/L	127%	*	70-123	6	31	1
Trichloroethene	21.71	ND	20.00	ug/L	109%		65-131	10	31	1
Toluene	21.36	ND	20.00	ug/L	107%		69-120	8	29	1
Chlorobenzene	21.79	ND	20.00	ug/L	109%		72-121	7	29	1
Surrogates										
Dibromofluoromethane	51.24		50.00	ug/L	102%		70-130			1
1,2-Dichloroethane-d4	54.66		50.00	ug/L	109%		70-130			1
Toluene-d8	45.29		50.00	ug/L	91%		70-130			1
Bromofluorobenzene	49.44		50.00	ug/L	99%		70-130			1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1287252	**Batch:** 380072	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1287252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/23/25	08/23/25
Freon 12	ND		ug/L	5.0	0.2	08/23/25	08/23/25
Chloromethane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Bromomethane	ND		ug/L	5.0	0.3	08/23/25	08/23/25
Chloroethane	ND		ug/L	5.0	0.05	08/23/25	08/23/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Acetone	ND		ug/L	100	8.8	08/23/25	08/23/25
Freon 113	ND		ug/L	5.0	0.1	08/23/25	08/23/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/23/25	08/23/25
MTBE	ND		ug/L	5.0	0.1	08/23/25	08/23/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/23/25	08/23/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
2-Butanone	ND		ug/L	100	0.9	08/23/25	08/23/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	08/23/25	08/23/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	08/23/25	08/23/25
Chloroform	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	08/23/25	08/23/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	08/23/25	08/23/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	08/23/25	08/23/25
Benzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Trichloroethene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Bromodichloromethane	ND		ug/L	5.0	0.05	08/23/25	08/23/25
Dibromomethane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	08/23/25	08/23/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Toluene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	08/23/25	08/23/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Tetrachloroethene	ND		ug/L	5.0	0.09	08/23/25	08/23/25
Dibromochloromethane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	08/23/25	08/23/25
Chlorobenzene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Ethylbenzene	ND		ug/L	5.0	0.04	08/23/25	08/23/25
m,p-Xylenes	ND		ug/L	10	0.1	08/23/25	08/23/25
o-Xylene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Styrene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Bromoform	ND		ug/L	5.0	0.08	08/23/25	08/23/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	08/23/25	08/23/25

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Batch QC

QC1287252 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
Bromobenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	08/23/25	08/23/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	08/23/25	08/23/25
n-Butylbenzene	ND		ug/L	5.0	0.08	08/23/25	08/23/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	08/23/25	08/23/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	08/23/25	08/23/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/23/25	08/23/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	08/23/25	08/23/25
Naphthalene	ND		ug/L	5.0	0.3	08/23/25	08/23/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/23/25	08/23/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/23/25	08/23/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/23/25	08/23/25
Xylene (total)	ND		ug/L	5.0		08/23/25	08/23/25
Surrogates				**Limits**			
Dibromofluoromethane	108%		%REC	70-130		08/23/25	08/23/25
1,2-Dichloroethane-d4	118%		%REC	70-130		08/23/25	08/23/25
Toluene-d8	89%		%REC	70-130		08/23/25	08/23/25
Bromofluorobenzene	98%		%REC	70-130		08/23/25	08/23/25

Type: Blank **Lab ID:** QC1284282 **Batch:** 379185
Matrix: Water **Method:** EPA 8270C-SIM **Prep Method:** EPA 3535

QC1284282 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/14/25	08/14/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		08/14/25	08/14/25

Type: Lab Control Sample **Lab ID:** QC1284283 **Batch:** 379185
Matrix: Water **Method:** EPA 8270C-SIM **Prep Method:** EPA 3535

QC1284283 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.172	10.00	ug/L	92%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.54	10.00	ug/L	105%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1284284**	**Batch:**	**379185**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1284284 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.26	10.00	ug/L	103%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.25	10.00	ug/L	102%		80-120		

Type:	**Blank**	**Lab ID:**	**QC1284054**	**Batch:**	**379162**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1284054 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/13/25	08/13/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1284055**	**Batch:**	**379162**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1284055 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1284056**	**Batch:**	**379162**
Matrix (Source ID):	**Drinking Water (539931-004)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1284056 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1284057**	**Batch:**	**379162**
Matrix (Source ID):	**Drinking Water (539931-004)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1284057 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type:	**Blank**	**Lab ID:**	**QC1288227**	**Batch:**	**380355**
Matrix:	**Water**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1288227 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	08/26/25	08/26/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1288228**	**Batch:**	**380355**
Matrix:	**Water**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1288228 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.15	25.00	mg/L	101%		85-115

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1288233	Batch:	380355
Matrix (Source ID):	Water (540357-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1288233 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	32.05	3.645	25.00	mg/L	114%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1288234	Batch:	380355
Matrix (Source ID):	Water (540357-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1288234 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	31.10	3.645	25.00	mg/L	110%		75-125	3	25	1

Type:	Blank	Lab ID:	QC1286420	Batch:	379823
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1286420 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		08/20/25	08/20/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		08/20/25	08/20/25

Type:	Lab Control Sample	Lab ID:	QC1286421	Batch:	379823
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1286421 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	938.0	1000	mg/L	94%		90-110

Type:	Sample Duplicate	Lab ID:	QC1286422	Batch:	379823
Matrix (Source ID):	Water (540149-004)	Method:	SM2320B	Prep Method:	METHOD

QC1286422 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	106.6	105.7	mg/L		1	20	2.5
Alkalinity, Total as CaCO3	106.6	105.7	mg/L		1	20	2.5

Type:	Blank	Lab ID:	QC1284477	Batch:	379289
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1284477 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		08/14/25	08/17/25

Type:	Lab Control Sample	Lab ID:	QC1284478	Batch:	379289
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1284478 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,020	1000	mg/L	102%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1284479**	**Batch:**	**379289**
Matrix (Source ID):	**Water (539764-001)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1284479 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	898.0	928.0	mg/L		3	5	2

Type:	**Sample Duplicate**	**Lab ID:**	**QC1284480**	**Batch:**	**379289**
Matrix (Source ID):	**Water (539953-004)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1284480 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,268	3264	mg/L		0	5	4

* Value is outside QC limits

E Response exceeds instrument's linear range

ND Not Detected

Laboratory Job Number 539764

Subcontracted Products

McCampbell Analytical, Inc.

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"When Quality Counts"

Analytical Report

WorkOrder: 2508A21

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-539764

Project Location:
Project Received: 08/15/2025

Analytical Report reviewed & approved for release on 08/19/2025 by:

Yen Cao

Yen Cao
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508A21

Project: EO-539764

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508A21

Project: EO-539764

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508A21
Date Received:	08/15/2025 9:33	**Extraction Method:**	RSK175
Date Prepared:	08/18/2025	**Analytical Method:**	RSK175
Project:	EO-539764	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2508A21-001A	Water	08/12/2025 07:52	GC26 0818250911.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2300**	100	100	2	08/18/2025 13:57

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2508A21-002A	Water	08/12/2025 08:49	GC26 0818250912.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1200**	50	50	1	08/18/2025 16:10

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2508A21-003A	Water	08/12/2025 09:48	GC26 0818250914.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3200**	200	200	4	08/18/2025 16:36

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508A21
Date Received:	08/15/2025 9:33	**Extraction Method:**	RSK175
Date Prepared:	08/18/2025	**Analytical Method:**	RSK175
Project:	EO-539764	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2508A21-004A	Water	08/12/2025 10:44	GC26 0818250916.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**12,000**	500	500	10	08/18/2025 16:59

Analyst(s): CLO

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508A21
Date Prepared:	08/18/2025	**BatchID:**	323908
Date Analyzed:	08/18/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-539764	**Sample ID:**	MB/LCS/LCSD-323908

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	130	187.2	75	70	70-130	6.79	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2508A21 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-539764

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: **08/15/2025**
Date Logged: **08/15/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508A21-001	DW-1	Water	8/12/2025 07:52	☐	A	A										
2508A21-002	DW-16	Water	8/12/2025 08:49	☐	A	A										
2508A21-003	DW-3	Water	8/12/2025 09:48	☐	A	A										
2508A21-004	PZ-4	Water	8/12/2025 10:44	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-539764
Comments

Work Order: 2508A21
QC Level: LEVEL 2
Date Logged: 8/15/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 7:52	2 days	8/19/2025	None	☐	☐
002A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 8:49	2 days	8/19/2025	None	☐	☐
003A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 9:48	2 days	8/19/2025	Trace	☐	☐
004A	PZ-4	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/12/2025 10:44	2 days	8/19/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

HOLD TIME RUSH

2508A21

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-539764
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-1	12-AUG-2025 07:52	539764-001	2	Water	RSK-175 CO2	
DW-16	12-AUG-2025 08:49	539764-002	2	Water	RSK-175 CO2	
DW-3	12-AUG-2025 09:48	539764-003	2	Water	RSK-175 CO2	
PZ-4	12-AUG-2025 10:44	539764-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	FedEx
	Date: 8.14.25 14:44	Date:
	FedEx	[signature]
	Date:	Date: 8/15/25 0933
	Date:	Date:

TN: 8835 8375 0119

1.0 wet
IR#3

1 of 1

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	8/15/2025 09:33
Project:	EO-539764	Date Logged:	8/15/2025
		Received by:	
WorkOrder №:	2508A21 Matrix:	Logged by:	Valerie Alfaro
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☑	No	☐	NA	☐
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 540855
Report Level : II
Report Date : 09/10/2025

Analytical Report *prepared for:*

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 540855
Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13
Date Received: 08/26/25

Sample ID	Lab ID	Collected	Matrix
FP-01	540855-001	08/26/25 10:19	Water
QCAB	540855-002	08/26/25 00:00	Water
QCEB	540855-003	08/26/25 00:00	Water
QCTB	540855-004	08/26/25 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

RMC Geoscience 775 Baywood Drive Suite 305 Petaluma, CA 94954 Adrienne Thibeault	Lab Job Number: Location: Date Received:	540855 Chiquita Canyon Sampling / RM22.1077.00/Ph13 08/26/25

This data package contains sample and QC results for four water samples, requested for the above referenced project on 08/26/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- FP-01 (lab # 540855-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Low recovery was observed for iron in the MSD for batch 380379; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS for batch 381230; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 540855

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix:

W = Water | DW = Drinking Water | S = Soil / Solid

WP = Wipe | SEA = Sea Water | O = Other

Preservatives:

1 = $Na_2S_2O_3$ | 2 = HCl

3 = HNO_3 | 4 = H_2SO_4

5 = NaOH | 6 = Other

Sample Receipt Temp:

2.8 IR11

2.9 +0.1

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Geo-Logic Associates	Quote #:	
Report To:	Adrienne Thibeault	Proj. Name:	Chiquita Canyon Sampling
Email:	athibeault@geo-logic.com	Proj. #:	RM22.1077.00/Ph13
Address:	2777 E Guasti Rd, Ste I	P.O. #:	
	Ontario, CA 91761	Address:	
Phone:	(909) 677-1093	Global ID:	L0003464243
Fax:		Sampled By:	J. Rekstad

	Sample ID	Sampling Date	Sampling Time	Matrix	Number of Containers	Preservative	1,4-Dioxane (EPA 8270C-SIM)	Bicarbonate (as CaCO3), Total Alkalinity (as CaCO3)	Ammonia-N (EPA 350.1)	Carbon Dioxide (free and total) (SM 4500-CO2D)	Chemical Oxygen Demand (EPA 410.4)	Bromide, Chloride, Fluoride, Nitrate-N, Sulfate (EPA 300.0)	Sulfide (SM4500-S2-D), TOC (SM5310B)	TDS (SM 2540C)	8260 VOCs (APPX II + DLDFM)	Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B)
1	FP-01	8-26-25	1019		15		X	X	X	X	X	X	X	X	X	X
2	QCAB	8-26-25	—		3										X	
3	QCEB	8-26-25	—		3										X	
4	QCTB	8-26-25	—		2										X	
5																
6																
7																
8																
9																
10																

Test Instructions / Comments

Login 540855

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jesse Rekstad	GLA / Field Tech	8-26-25 1438
[1] Received By:		JETH CO	ENTHALPY	08/26/25 1439
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 8/26/25 WO# 540855 Client: GEO-LOGIC

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ■ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 8/26/25 By (initials) JKC Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____/_____ Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: 2.8 / 2.9 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?		X	
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?		X	
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?		X	
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.8A: Did not receive unpreserve VOA vials for test requested for Samples -002 - 004

4.6A: No dates, times or sample ID's on Samples -002 to -004, labeled based on labels on bubble bags "Equipment Blanks, Field Blanks & Temp Blanks" -003 -002 -004

☐ **No additional discrepancies**

Date Logged 8/26/25 **By (print)** NCM **(sign)** _____

Date Labeled 8/26/25 **By (print)** SXR **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 540855

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 540855
Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13
Date Received: 08/26/25

Sample ID: FP-01 **Lab ID: 540855-001** **Collected: 08/26/25 10:19**
Matrix: Water

540855-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.31**		mg/L	0.20	0.073	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Chloride	**100**		mg/L	1.0	0.27	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Bromide	**0.46**		mg/L	0.30	0.060	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Nitrogen, Nitrate	**0.09**	J	mg/L	0.10	0.05	1	380316	08/26/25 13:05	08/26/25 17:29	SSN
Sulfate	**400**		mg/L	10	1.8	10	380316	08/26/25 13:05	08/26/25 17:46	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.25	0.13	2.5	381230	09/06/25	09/08/25	CKN
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**170**		mg/L	4.0	2.0	1	381423	09/09/25	09/09/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.47**		mg/L	0.050	0.0062	1	380379	08/27/25	08/27/25	TWJ
Calcium	**230**		mg/L	1.0	0.57	1	380379	08/27/25	08/27/25	TWJ
Iron	**14**		mg/L	0.10	0.041	1	380379	08/27/25	08/27/25	TWJ
Magnesium	**38**		mg/L	0.10	0.025	1	380379	08/27/25	08/27/25	TWJ
Manganese	**1.1**		mg/L	0.010	0.0029	1	380379	08/27/25	08/27/25	TWJ
Potassium	**5.5**		mg/L	0.50	0.42	1	380379	08/27/25	08/27/25	TWJ
Sodium	**150**		mg/L	0.50	0.34	1	380379	08/27/25	08/27/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

540855-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

540855-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	109%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	97%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**5.8**		ug/L	1.0	0.95	1	380447	08/27/25	08/30/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	380447	08/27/25	08/30/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	380543	08/28/25	08/28/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**14**		mg/L	1.0	0.68	1	380869	09/02/25	09/03/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**370**		mg/L	10		5	380455	08/29/25	08/29/25	WWC
Alkalinity, Total as CaCO3	**370**		mg/L	10		5	380455	08/29/25	08/29/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	380567	08/28/25	08/31/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

Sample ID: QCAB	Lab ID: 540855-002	Collected: 08/26/25
	Matrix: Water	

540855-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	**0.2**	J	ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	**7.6**		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	**0.8**	J	ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

540855-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	**0.2**	J	ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	98%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

Sample ID: QCEB	Lab ID: 540855-003	Collected: 08/26/25
	Matrix: Water	

540855-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	**4.5**	J	ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	**0.5**	J	ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

540855-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	101%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

Sample ID: QCTB	Lab ID: 540855-004	Collected: 08/26/25
	Matrix: Water	

540855-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.3	1	380383	08/27/25	08/27/25	ZST
Chloroprene	ND		ug/L	200	2.7	1	380383	08/27/25	08/27/25	ZST
3-Chloropropene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Ethyl methacrylate	ND		ug/L	50	3.9	1	380383	08/27/25	08/27/25	ZST
Ethanol	ND		ug/L	500	160	1	380383	08/27/25	08/27/25	ZST
2-Hexanone	ND		ug/L	5.0	1.3	1	380383	08/27/25	08/27/25	ZST
Iodomethane	ND		ug/L	10	1.5	1	380383	08/27/25	08/27/25	ZST
Isopropanol (IPA)	ND		ug/L	200	96	1	380383	08/27/25	08/27/25	ZST
Methyl acrylonitrile	ND		ug/L	35	4.2	1	380383	08/27/25	08/27/25	ZST
Vinyl Acetate	ND		ug/L	50	3.2	1	380383	08/27/25	08/27/25	ZST
Acrolein	ND		ug/L	200	2.6	1	380383	08/27/25	08/27/25	ZST
Acrylonitrile	ND		ug/L	10	0.7	1	380383	08/27/25	08/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Acetone	ND		ug/L	100	14	1	380383	08/27/25	08/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Methylene Chloride	**0.4**	J	ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	380383	08/27/25	08/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Chloroform	**0.8**	J	ug/L	5.0	0.08	1	380383	08/27/25	08/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Benzene	ND		ug/L	1.0	0.1	1	380383	08/27/25	08/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	380383	08/27/25	08/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	380383	08/27/25	08/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 540855

540855-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	380383	08/27/25	08/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	380383	08/27/25	08/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	380383	08/27/25	08/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	380383	08/27/25	08/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	380383	08/27/25	08/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	380383	08/27/25	08/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	380383	08/27/25	08/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	380383	08/27/25	08/27/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	109%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Toluene-d8	99%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	380383	08/27/25	08/27/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1288073	Batch: 380316
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1288073 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/26/25 13:05	08/26/25 13:36
Chloride	ND		mg/L	1.0	0.27	08/26/25 13:05	08/26/25 13:36
Bromide	ND		mg/L	0.30	0.060	08/26/25 13:05	08/26/25 13:36
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/26/25 13:05	08/26/25 13:36
Sulfate	ND		mg/L	1.0	0.18	08/26/25 13:05	08/26/25 13:36

Type: Lab Control Sample	Lab ID: QC1288074	Batch: 380316
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1288074 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.957	10.00	mg/L	100%		90-110
Chloride	46.19	50.00	mg/L	92%		90-110
Bromide	14.18	15.00	mg/L	95%		90-110
Nitrogen, Nitrate	4.413	4.518	mg/L	98%		90-110
Sulfate	24.82	25.00	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1288075	Batch: 380316
Matrix (Source ID): Water (540720-001)	Method: EPA 300.0	Prep Method: METHOD

QC1288075 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.43	0.07763	20.00	mg/L	102%		80-129	1
Chloride	111.0	9.186	100.0	mg/L	102%		80-123	1
Bromide	14.27	ND	15.00	mg/L	95%		80-121	1
Nitrogen, Nitrate	10.17	1.163	9.036	mg/L	100%		80-123	1
Sulfate	61.46	11.51	50.00	mg/L	100%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1288076	Batch: 380316
Matrix (Source ID): Water (540720-001)	Method: EPA 300.0	Prep Method: METHOD

QC1288076 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.04	0.07763	20.00	mg/L	105%		80-129	3	21	1
Chloride	113.9	9.186	100.0	mg/L	105%		80-123	3	20	1
Bromide	14.67	ND	15.00	mg/L	98%		80-121	3	20	1
Nitrogen, Nitrate	10.41	1.163	9.036	mg/L	102%		80-123	2	20	1
Sulfate	62.90	11.51	50.00	mg/L	103%		79-124	2	20	1

Type: Blank	Lab ID: QC1291195	Batch: 381230
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1291195 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/06/25	09/08/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1291196 **Batch:** 381230
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1291196 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9408	1.000	mg/L	94%		90-110

Type: Matrix Spike **Lab ID:** QC1291197 **Batch:** 381230
Matrix (Source ID): Water (540596-001) **Method:** EPA 350.1 **Prep Method:** SM 4500-NH3-G SD

QC1291197 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.015	ND	1.000	mg/L	102%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1291198 **Batch:** 381230
Matrix (Source ID): Water (540596-001) **Method:** EPA 350.1 **Prep Method:** SM 4500-NH3-G SD

QC1291198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9412	ND	1.000	mg/L	94%		90-110	8	20	1

Type: Matrix Spike **Lab ID:** QC1291199 **Batch:** 381230
Matrix (Source ID): Water (540690-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1291199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.8673	ND	1.000	mg/L	87%	*	90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1291200 **Batch:** 381230
Matrix (Source ID): Water (540690-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1291200 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9671	ND	1.000	mg/L	97%		90-110	11	20	1

Type: Blank **Lab ID:** QC1291916 **Batch:** 381423
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1291916 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/09/25	09/09/25

Type: Lab Control Sample **Lab ID:** QC1291917 **Batch:** 381423
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1291917 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	991.0	1000	mg/L	99%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1291918	Batch:	381423
Matrix (Source ID):	Water (540855-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1291918 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	1,138	174.0	1000	mg/L	96%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1291919	Batch:	381423
Matrix (Source ID):	Water (540855-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1291919 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	1,180	174.0	1000	mg/L	101%		75-125	4	20	2

Type:	Blank	Lab ID:	QC1288320	Batch:	380379
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1288320 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	08/27/25	08/27/25
Calcium	ND		mg/L	0.57	0.57	08/27/25	08/27/25
Iron	ND		mg/L	0.041	0.041	08/27/25	08/27/25
Magnesium	ND		mg/L	0.10	0.025	08/27/25	08/27/25
Manganese	ND		mg/L	0.010	0.0029	08/27/25	08/27/25
Potassium	ND		mg/L	0.50	0.42	08/27/25	08/27/25
Sodium	ND		mg/L	0.50	0.34	08/27/25	08/27/25

Type:	Lab Control Sample	Lab ID:	QC1288321	Batch:	380379
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1288321 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3835	0.4000	mg/L	96%		80-120
Calcium	19.83	20.40	mg/L	97%		80-120
Iron	0.3828	0.4000	mg/L	96%		80-120
Magnesium	19.06	20.40	mg/L	93%		80-120
Manganese	0.3834	0.4000	mg/L	96%		80-120
Potassium	23.30	24.00	mg/L	97%		80-120
Sodium	19.68	20.40	mg/L	96%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1288322	Batch:	380379
Matrix (Source ID):	Water (540816-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1288322 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.8743	0.4981	0.4000	mg/L	94%		75-125	1
Calcium	126.5	110.8	20.40	mg/L	77%	NM	75-125	1
Iron	0.9479	0.6329	0.4000	mg/L	79%		75-125	1
Magnesium	48.10	29.58	20.40	mg/L	91%		75-125	1
Manganese	0.7607	0.3916	0.4000	mg/L	92%		75-125	1
Potassium	30.11	6.849	24.00	mg/L	97%		75-125	1
Sodium	151.7	135.6	20.40	mg/L	79%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1288323	Batch:	380379
Matrix (Source ID):	Water (540816-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1288323 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.8543	0.4981	0.4000	mg/L	89%		75-125	2	20	1
Calcium	126.1	110.8	20.40	mg/L	75%	NM	75-125	0	20	1
Iron	0.9274	0.6329	0.4000	mg/L	74%	*	75-125	2	22	1
Magnesium	48.27	29.58	20.40	mg/L	92%		75-125	0	20	1
Manganese	0.7450	0.3916	0.4000	mg/L	88%		75-125	2	20	1
Potassium	29.64	6.849	24.00	mg/L	95%		75-125	2	20	1
Sodium	151.6	135.6	20.40	mg/L	78%	NM	75-125	0	20	1

Type:	Serial Dilution	Lab ID:	QC1288404	Batch:	380379
Matrix (Source ID):	Water (540185-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1288404 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.1117	0.1104	mg/L	J			5
Calcium	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	ND	ND	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	ND	mg/L				5
Sodium	5.246	5.362	mg/L				5

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1288341**	**Batch:**	**380383**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1288341 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.05	50.00	ug/L	98%		69-128
MTBE	42.02	50.00	ug/L	84%		66-125
Benzene	49.74	50.00	ug/L	99%		76-121
Trichloroethene	52.10	50.00	ug/L	104%		76-124
Toluene	51.38	50.00	ug/L	103%		76-120
Chlorobenzene	50.23	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	51.44	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	47.26	50.00	ug/L	95%		70-130
Toluene-d8	51.11	50.00	ug/L	102%		70-130
Bromofluorobenzene	46.35	50.00	ug/L	93%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1288342**	**Batch:**	**380383**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1288342 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.27	50.00	ug/L	105%		69-128	6	23
MTBE	47.55	50.00	ug/L	95%		66-125	12	22
Benzene	54.23	50.00	ug/L	108%		76-121	9	21
Trichloroethene	56.66	50.00	ug/L	113%		76-124	8	22
Toluene	55.56	50.00	ug/L	111%		76-120	8	21
Chlorobenzene	54.67	50.00	ug/L	109%		78-120	8	20
Surrogates								
Dibromofluoromethane	51.42	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	47.95	50.00	ug/L	96%		70-130		
Toluene-d8	50.36	50.00	ug/L	101%		70-130		
Bromofluorobenzene	46.36	50.00	ug/L	93%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1288344**	**Batch:**	**380383**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1288344 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	5.0	0.1	08/27/25	08/27/25
2-Chloroethylvinylether	ND		ug/L	50	1.3	08/27/25	08/27/25
Chloroprene	ND		ug/L	200	2.7	08/27/25	08/27/25
3-Chloropropene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Ethyl methacrylate	ND		ug/L	50	3.9	08/27/25	08/27/25
Ethanol	ND		ug/L	500	160	08/27/25	08/27/25
2-Hexanone	ND		ug/L	5.0	1.3	08/27/25	08/27/25
Iodomethane	ND		ug/L	10	1.5	08/27/25	08/27/25
Isopropanol (IPA)	ND		ug/L	200	96	08/27/25	08/27/25
Methyl acrylonitrile	ND		ug/L	35	4.2	08/27/25	08/27/25
Vinyl Acetate	ND		ug/L	50	3.2	08/27/25	08/27/25
Acrolein	ND		ug/L	200	2.6	08/27/25	08/27/25
Acrylonitrile	ND		ug/L	10	0.7	08/27/25	08/27/25
Freon 12	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Chloromethane	ND		ug/L	5.0	0.09	08/27/25	08/27/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Bromomethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Chloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Acetone	ND		ug/L	100	14	08/27/25	08/27/25
Freon 113	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/27/25	08/27/25
MTBE	ND		ug/L	5.0	0.1	08/27/25	08/27/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	08/27/25	08/27/25
2-Butanone	ND		ug/L	100	1.3	08/27/25	08/27/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Chloroform	ND		ug/L	5.0	0.08	08/27/25	08/27/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	08/27/25	08/27/25
Benzene	ND		ug/L	1.0	0.1	08/27/25	08/27/25
Trichloroethene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	08/27/25	08/27/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/27/25	08/27/25
Dibromomethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	08/27/25	08/27/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Toluene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/27/25	08/27/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	08/27/25	08/27/25
Tetrachloroethene	ND		ug/L	5.0	0.2	08/27/25	08/27/25

ENTHALPY ANALYTICAL

Batch QC

QC1288344 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibromochloromethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Chlorobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	08/27/25	08/27/25
Ethylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
m,p-Xylenes	ND		ug/L	10	0.2	08/27/25	08/27/25
o-Xylene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Styrene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Bromoform	ND		ug/L	5.0	0.06	08/27/25	08/27/25
Isopropylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Propylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
Bromobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	08/27/25	08/27/25
n-Butylbenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	08/27/25	08/27/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	08/27/25	08/27/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Naphthalene	ND		ug/L	5.0	0.6	08/27/25	08/27/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/27/25	08/27/25
Xylene (total)	ND		ug/L	5.0		08/27/25	08/27/25
Surrogates				**Limits**			
Dibromofluoromethane	107%		%REC	70-130		08/27/25	08/27/25
1,2-Dichloroethane-d4	102%		%REC	70-130		08/27/25	08/27/25
Toluene-d8	98%		%REC	70-130		08/27/25	08/27/25
Bromofluorobenzene	97%		%REC	70-130		08/27/25	08/27/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1288407	Batch:	380383
Matrix (Source ID):	Water (540385-003)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1288407 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	227.0	ND	200.0	ug/L	113%		62-131	10
MTBE	191.8	ND	200.0	ug/L	96%		61-124	10
Benzene	229.5	ND	200.0	ug/L	115%		70-123	10
Trichloroethene	1,119	869.6	200.0	ug/L	125%	NM	65-131	10
Toluene	239.8	ND	200.0	ug/L	120%		69-120	10
Chlorobenzene	240.0	ND	200.0	ug/L	120%		72-121	10
Surrogates								
Dibromofluoromethane	513.7		500.0	ug/L	103%		70-130	10
1,2-Dichloroethane-d4	482.7		500.0	ug/L	97%		70-130	10
Toluene-d8	511.3		500.0	ug/L	102%		70-130	10
Bromofluorobenzene	479.2		500.0	ug/L	96%		70-130	10

Type:	Matrix Spike Duplicate	Lab ID:	QC1288408	Batch:	380383
Matrix (Source ID):	Water (540385-003)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1288408 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	201.3	ND	200.0	ug/L	101%		62-131	12	31	10
MTBE	182.3	ND	200.0	ug/L	91%		61-124	5	30	10
Benzene	207.5	ND	200.0	ug/L	104%		70-123	10	31	10
Trichloroethene	982.9	869.6	200.0	ug/L	57%	NM	65-131	13	31	10
Toluene	214.1	ND	200.0	ug/L	107%		69-120	11	29	10
Chlorobenzene	213.4	ND	200.0	ug/L	107%		72-121	12	29	10
Surrogates										
Dibromofluoromethane	515.6		500.0	ug/L	103%		70-130			10
1,2-Dichloroethane-d4	476.7		500.0	ug/L	95%		70-130			10
Toluene-d8	502.7		500.0	ug/L	101%		70-130			10
Bromofluorobenzene	475.0		500.0	ug/L	95%		70-130			10

Type:	Blank	Lab ID:	QC1288566	Batch:	380447
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1288566 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/27/25	08/29/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	108%		%REC	80-120		08/27/25	08/29/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1288567 **Batch:** 380447
Matrix: Water **Method:** EPA 8270C-SIM **Prep Method:** EPA 3535

QC1288567 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.760	10.00	ug/L	98%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.980	10.00	ug/L	100%		80-120

Type: Matrix Spike **Lab ID:** QC1288568 **Batch:** 380447
Matrix (Source ID): Water (540840-001) **Method:** EPA 8270C-SIM **Prep Method:** EPA 3535

QC1288568 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	10.21	ND	10.00	ug/L	102%		69-120	1
Surrogates								
1,4-Dioxane-d8 (SUR)	10.18		10.00	ug/L	102%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1288569 **Batch:** 380447
Matrix (Source ID): Water (540840-001) **Method:** EPA 8270C-SIM **Prep Method:** EPA 3535

QC1288569 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	9.755	ND	10.00	ug/L	98%		69-120	5	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	10.07		10.00	ug/L	101%		80-120			1

Type: Blank **Lab ID:** QC1288887 **Batch:** 380543
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1288887 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/28/25	08/28/25

Type: Lab Control Sample **Lab ID:** QC1288888 **Batch:** 380543
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1288888 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1288965 **Batch:** 380543
Matrix (Source ID): Drinking Water (540941-004) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1288965 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

ENTHALPY ANALYTICAL

Batch QC

Type: Matrix Spike Duplicate **Lab ID:** QC1288966 **Batch:** 380543
Matrix (Source ID): Drinking Water (540941-004) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1288966 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank **Lab ID:** QC1289996 **Batch:** 380869
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1289996 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	09/02/25	09/02/25

Type: Lab Control Sample **Lab ID:** QC1289997 **Batch:** 380869
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1289997 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.15	25.00	mg/L	93%		85-115

Type: Matrix Spike **Lab ID:** QC1289998 **Batch:** 380869
Matrix (Source ID): Water (540538-002) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1289998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	29.71	1.373	25.00	mg/L	113%		75-125	1

Type: Matrix Spike Duplicate **Lab ID:** QC1289999 **Batch:** 380869
Matrix (Source ID): Water (540538-002) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1289999 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	26.30	1.373	25.00	mg/L	100%		75-125	12	25	1

Type: Blank **Lab ID:** QC1288595 **Batch:** 380455
Matrix: Drinking Water **Method:** SM2320B **Prep Method:** METHOD

QC1288595 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		08/29/25	08/29/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		08/29/25	08/29/25

Type: Lab Control Sample **Lab ID:** QC1288596 **Batch:** 380455
Matrix: Drinking Water **Method:** SM2320B **Prep Method:** METHOD

QC1288596 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	963.7	1000	mg/L	96%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Sample Duplicate	Lab ID:	QC1289376	Batch:	380455
Matrix (Source ID):	Water (540822-004)	Method:	SM2320B	Prep Method:	METHOD

QC1289376 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	1,369	1321	mg/L		4	20	10
Alkalinity, Total as CaCO3	1,554	1498	mg/L		4	20	10

Type:	Blank	Lab ID:	QC1288943	Batch:	380567
Matrix:	Filtrate	Method:	SM2540C	Prep Method:	METHOD

QC1288943 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		08/28/25	08/31/25

Type:	Lab Control Sample	Lab ID:	QC1288944	Batch:	380567
Matrix:	Filtrate	Method:	SM2540C	Prep Method:	METHOD

QC1288944 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	994.0	1000	mg/L	99%		90-110

Type:	Sample Duplicate	Lab ID:	QC1288945	Batch:	380567
Matrix (Source ID):	Water (540789-001)	Method:	SM2540C	Prep Method:	METHOD

QC1288945 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	718.0	710.0	mg/L		1	5	2

Type:	Sample Duplicate	Lab ID:	QC1288946	Batch:	380567
Matrix (Source ID):	Water (540914-001)	Method:	SM2540C	Prep Method:	METHOD

QC1288946 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	5,684	5620	mg/L		1	5	4

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 540855

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508K35

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-540855

Project Location:

Project Received: 08/28/2025

Analytical Report reviewed & approved for release on 09/02/2025 by:

Jena Alfaro
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508K35

Project: EO-540855

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2508K35

Project: EO-540855

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

b1	Aqueous sample that contains greater than ~1 vol. % sediment

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508K35
Date Received:	08/28/2025 10:11	**Extraction Method:**	RSK175
Date Prepared:	09/02/2025	**Analytical Method:**	RSK175
Project:	EO-540855	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FP-01	2508K35-001A	Water	08/26/2025 10:19	GC26 0902250105.D	324893

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**29,000**	1000	1000	20	09/02/2025 15:44

Analyst(s): CLO

Analytical Comments: b1

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2508K35
Date Prepared:	09/02/2025	**BatchID:**	324893
Date Analyzed:	09/02/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-540855	**Sample ID:**	MB/LCS/LCSD-324893

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	160	140	187.2	85	74	70-130	13.2	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2508K35 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-540855

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: **08/28/2025**
Date Logged: **08/28/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508K35-001	FP-01	Water	8/26/2025 10:19	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Emily Perez

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-540855
Comments:

Work Order: 2508K35
QC Level: LEVEL 2
Date Logged: 8/28/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	8/26/2025 10:19	2 days	9/2/2025	5%+	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

HOLD TIME RUSH

2508K35

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-540855
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	26-AUG-2025 10:19	540855-001	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	
	Date: 8.27.25 14:37	Date:
		Emily Re
	Date:	Date: 8/28/25 10:11
	Date:	Date:

FedEx: 883914403319

2.3 wet IR39

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Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	8/28/2025 10:11
Project:	EO-540855	Date Logged:	8/28/2025
		Received by:	Emily Perez
WorkOrder №:	2508K35 Matrix: Water	Logged by:	Emily Perez
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 2.3°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number	:	541918
Report Level	:	II
Report Date	:	09/30/2025
Revision	:	**2 (See narrative)**

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	541918 GW MONITORING Chiquita Canyon Landfill 09/11/25

Sample ID	Lab ID	Collected	Matrix
DW-28	541918-001	09/11/25 08:27	Water
DW-8	541918-002	09/11/25 09:47	Water
DW-9	541918-003	09/11/25 11:09	Water
DW-29	541918-004	09/11/25 12:23	Water
QCFB	541918-005	09/11/25 11:12	Water
QCTB	541918-006	09/11/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 541918 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 09/11/25

- This data package contains sample and QC results for six water samples, requested for the above referenced project on 09/12/25. The samples were received in good condition.
- This report was revised on 09/30/25 to amend the 8260 reporting list.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD for batch 381785 and the MS/MSD for batch 382618; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

- Low recoveries were observed for sulfide in the MS/MSD for batch 382052; the parent sample was not a project sample, and the LCS was within limits.
- No other analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD for batch 382173; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 541918

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-28	9/11/25	827	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-8	↓	947	↓	↓	↓	X	X	X	X	X	X	X	X	X
3	DW-9		1109				X	X	X	X	X	X	X	X	X
4	DW-29		1223		↓		X	X	X	X	X	X	X	X	X
5	QCFB	↓	1112		3		X								
6	QCTB	—	—	↓	2	↓	X								
7															
8															
9															
10															

Login 541918

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	9/11/25 13:30
[1] Received By:		John Zachman	Enthalpy	09/11/25 13:30
[2] Relinquished By:		John Zachman	Enthalpy	~~09/11/25~~ 09/12/25 1100
[2] Received By:		NICK	EA	9-12-25 12:20
[3] Relinquished By:		NICK	EA	9-12-25 13:10
[3] Received By:	Ada	Adam Dickmeyer	EA	9/12/25 1310

© EE 09/11/25

IR13 4.8.14.8

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/11/25 WO# 541918 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 09/11/25 By (initials) JXZ Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 11.7/11.0 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 9/11/25 **By (print)** AKT **(sign)** _____

Date Labeled 9/11/25 **By (print)** _____ **(sign)** _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/12/25 WO# 541918 Client: Waste Connections

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 9/12/25 By (initials) NJG Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 4.8 / 4.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 9/11/25 **By (print)** AXT **(sign)** _____

Date Labeled 9/11/25 **By (print)** CA-NH **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 541918

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 541918
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/11/25

Sample ID: DW-28 **Lab ID: 541918-001** **Collected: 09/11/25 08:27**
Matrix: Water

541918-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**1.2**		mg/L	0.20	0.072	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Chloride	**35**		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Bromide	**0.17**	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 16:18	KUM
Sulfate	**450**		mg/L	10	2.5	10	381785	09/12/25 12:05	09/12/25 16:38	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.29**		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**3.0**	J	mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**1.5**		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	**4.7**		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	ND		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	**0.82**		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	**0.0046**	J	mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	**0.78**		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	**350**		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST

Results for any subcontracted analyses are not included in this section.

Analysis Results for 541918

541918-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**280**		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO3	**330**		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	382088	09/16/25	09/17/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 541918

Sample ID: DW-8	Lab ID: 541918-002	Collected: 09/11/25 09:47
	Matrix: Water	

541918-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.27**	J	mg/L	0.40	0.14	2	382618	09/23/25 08:30	09/23/25 13:06	KUM
Chloride	**67**		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 16:58	KUM
Bromide	**0.18**	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 16:58	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 16:58	KUM
Sulfate	**2,800**		mg/L	50	12	50	381785	09/12/25 12:05	09/12/25 17:18	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.97**		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**3.0**	J	mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**1.1**		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	**360**		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	**5.4**		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	**200**		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	**0.069**		mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	**6.5**		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	**620**		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 541918

541918-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**390**		mg/L	10		5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO3	**390**		mg/L	10		5	381857	09/13/25	09/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**4,500**		mg/L	40		4	382088	09/16/25	09/17/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 541918

Sample ID: DW-9	Lab ID: 541918-003	Collected: 09/11/25 11:09
	Matrix: Water	

541918-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**1.9**		mg/L	0.20	0.072	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Chloride	**79**		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Bromide	**0.24**	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 17:40	KUM
Sulfate	**680**		mg/L	10	2.5	10	381785	09/12/25 12:05	09/12/25 18:00	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.63**		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	**21**		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	ND		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	**2.2**		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	ND		mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	**1.3**		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	**380**		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	99%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 541918

541918-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.8**		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**160**		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO3	**160**		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,300**		mg/L	20		2	382088	09/16/25	09/17/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 541918

Sample ID: DW-29	Lab ID: 541918-004	Collected: 09/11/25 12:23
	Matrix: Water	

541918-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.40**		mg/L	0.20	0.072	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Chloride	**87**		mg/L	1.0	0.27	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Bromide	**0.29**	J	mg/L	0.30	0.060	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Nitrogen, Nitrate	**2.4**		mg/L	0.10	0.05	1	381785	09/12/25 12:05	09/12/25 18:19	KUM
Sulfate	**320**		mg/L	10	2.5	10	381785	09/12/25 12:05	09/12/25 18:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**10**		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.35**		mg/L	0.050	0.0055	1	381848	09/13/25	09/13/25	KAM
Calcium	**64**		mg/L	1.0	0.57	1	381848	09/13/25	09/13/25	KAM
Iron	ND		mg/L	0.10	0.046	1	381848	09/13/25	09/13/25	KAM
Magnesium	**8.8**		mg/L	0.10	0.025	1	381848	09/13/25	09/13/25	KAM
Manganese	**0.073**		mg/L	0.010	0.0029	1	381848	09/13/25	09/13/25	KAM
Potassium	**1.4**		mg/L	0.50	0.40	1	381848	09/13/25	09/13/25	KAM
Sodium	**230**		mg/L	0.60	0.35	1	381848	09/13/25	09/13/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	105%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	381839	09/13/25	09/16/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	92%		%REC	80-120		1	381839	09/13/25	09/16/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 541918

541918-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382052	09/16/25	09/16/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**4.1**		mg/L	1.0	0.68	1	382083	09/16/25	09/16/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**260**		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Alkalinity, Total as CaCO3	**260**		mg/L	5.0		2.5	381857	09/13/25	09/13/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**960**		mg/L	20		2	382088	09/16/25	09/17/25	RDL

Sample ID: QCFB **Lab ID: 541918-005** **Collected: 09/11/25 11:12**
Matrix: Water

541918-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	**0.9**	J	ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	98%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 541918

Sample ID: QCTB	Lab ID: 541918-006	Collected: 09/11/25
	Matrix: Water	

541918-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Chloromethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Methylene Chloride	**0.3**	J	ug/L	5.0	0.2	1	381856	09/13/25	09/13/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	381856	09/13/25	09/13/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	381856	09/13/25	09/13/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	381856	09/13/25	09/13/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Toluene-d8	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	381856	09/13/25	09/13/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1293173**	**Batch:**	**381785**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1293173 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	09/12/25 12:05	09/12/25 12:20
Chloride	ND		mg/L	1.0	0.27	09/12/25 12:05	09/12/25 12:20
Bromide	ND		mg/L	0.30	0.060	09/12/25 12:05	09/12/25 12:20
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/12/25 12:05	09/12/25 12:20
Sulfate	ND		mg/L	1.0	0.25	09/12/25 12:05	09/12/25 12:20

Type:	**Lab Control Sample**	**Lab ID:**	**QC1293174**	**Batch:**	**381785**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1293174 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.396	10.00	mg/L	94%		90-110
Chloride	47.17	50.00	mg/L	94%		90-110
Bromide	14.68	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.417	4.518	mg/L	98%		90-110
Sulfate	24.67	25.00	mg/L	99%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1293175**	**Batch:**	**381785**
Matrix (Source ID):	**Water (541995-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1293175 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.56	0.2311	20.00	mg/L	97%		80-129	1
Chloride	108.1	6.563	100.0	mg/L	102%		80-123	1
Bromide	14.76	ND	15.00	mg/L	98%		80-121	1
Nitrogen, Nitrate	10.04	1.114	9.036	mg/L	99%		80-123	1
Sulfate	56.81	7.078	50.00	mg/L	99%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1293176**	**Batch:**	**381785**
Matrix (Source ID):	**Water (541995-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1293176 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.24	0.2311	20.00	mg/L	95%		80-129	2	21	1
Chloride	106.5	6.563	100.0	mg/L	100%		80-123	2	20	1
Bromide	14.52	ND	15.00	mg/L	97%		80-121	2	20	1
Nitrogen, Nitrate	9.904	1.114	9.036	mg/L	97%		80-123	1	20	1
Sulfate	56.03	7.078	50.00	mg/L	98%		79-124	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1293217	Batch:	381785
Matrix (Source ID):	Water (542067-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1293217 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.53	0.2536	20.00	mg/L	96%		80-129	1
Chloride	303.5	228.0	100.0	mg/L	75%	E,NM	80-123	1
Bromide	15.84	1.192	15.00	mg/L	98%		80-121	1
Nitrogen, Nitrate	9.755	0.8118	9.036	mg/L	99%		80-123	1
Sulfate	125.5	79.58	50.00	mg/L	92%	E	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1293218	Batch:	381785
Matrix (Source ID):	Water (542067-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1293218 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.31	0.2536	20.00	mg/L	95%		80-129	1	21	1
Chloride	302.4	228.0	100.0	mg/L	74%	E,NM	80-123		20	1
Bromide	15.66	1.192	15.00	mg/L	96%		80-121	1	20	1
Nitrogen, Nitrate	9.643	0.8118	9.036	mg/L	98%		80-123	1	20	1
Sulfate	124.8	79.58	50.00	mg/L	91%	E	79-124		20	1

Type:	Blank	Lab ID:	QC1296062	Batch:	382618
Matrix:	Water	Method:	EPA 300.0	Prep Method:	METHOD

QC1296062 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	09/23/25 08:30	09/23/25 09:27

Type:	Lab Control Sample	Lab ID:	QC1296063	Batch:	382618
Matrix:	Water	Method:	EPA 300.0	Prep Method:	METHOD

QC1296063 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.225	10.00	mg/L	92%		90-110

Type:	Matrix Spike	Lab ID:	QC1296066	Batch:	382618
Matrix (Source ID):	Water (542218-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1296066 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.39	0.3903	20.00	mg/L	110%		80-129	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1296067	Batch:	382618
Matrix (Source ID):	Water (542218-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1296067 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	24.53	0.3903	20.00	mg/L	121%		80-129	9	21	1

Type:	Matrix Spike	Lab ID:	QC1296070	Batch:	382618
Matrix (Source ID):	Water (542414-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1296070 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.14	ND	20.00	mg/L	96%		80-129	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1296071	Batch:	382618
Matrix (Source ID):	Water (542414-003)	Method:	EPA 300.0	Prep Method:	METHOD

QC1296071 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.57	ND	20.00	mg/L	98%		80-129	2	21	1

Type:	Blank	Lab ID:	QC1294501	Batch:	382173
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1294501 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/17/25	09/18/25

Type:	Lab Control Sample	Lab ID:	QC1294502	Batch:	382173
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1294502 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9946	1.000	mg/L	99%		90-110

Type:	Matrix Spike	Lab ID:	QC1294503	Batch:	382173
Matrix (Source ID):	Water (541591-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1294503 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	3.488	2.466	1.000	mg/L	102%		90-110	5

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1294504	Batch:	382173
Matrix (Source ID):	Water (541591-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1294504 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	3.302	2.466	1.000	mg/L	84%	*	90-110	5	20	5

Type:	Matrix Spike	Lab ID:	QC1294505	Batch:	382173
Matrix (Source ID):	Water (541598-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1294505 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9546	ND	1.000	mg/L	95%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1294506	Batch:	382173
Matrix (Source ID):	Water (541598-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1294506 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.079	ND	1.000	mg/L	108%		90-110	12	20	1

Type:	Blank	Lab ID:	QC1294233	Batch:	382093
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1294233 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/16/25	09/17/25

Type:	Lab Control Sample	Lab ID:	QC1294234	Batch:	382093
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1294234 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	105.0	100.0	mg/L	105%		90-110

Type:	Matrix Spike	Lab ID:	QC1294235	Batch:	382093
Matrix (Source ID):	Water (541918-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1294235 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	104.0	3.000	100.0	mg/L	101%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1294236**	**Batch:**	**382093**
Matrix (Source ID):	**Water (541918-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1294236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	4	20	2

Type:	**Matrix Spike**	**Lab ID:**	**QC1294237**	**Batch:**	**382093**
Matrix (Source ID):	**Water (542143-004)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1294237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	ND	100.0	mg/L	100%		75-125	2

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1294238**	**Batch:**	**382093**
Matrix (Source ID):	**Water (542143-004)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1294238 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	96.00	ND	100.0	mg/L	96%		75-125	4	20	2

Type:	**Blank**	**Lab ID:**	**QC1293385**	**Batch:**	**381848**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1293385 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/13/25	09/13/25
Calcium	ND		mg/L	0.57	0.57	09/13/25	09/13/25
Iron	ND		mg/L	0.046	0.046	09/13/25	09/13/25
Magnesium	ND		mg/L	0.10	0.025	09/13/25	09/13/25
Manganese	ND		mg/L	0.010	0.0029	09/13/25	09/13/25
Potassium	ND		mg/L	0.50	0.40	09/13/25	09/13/25
Sodium	ND		mg/L	0.50	0.35	09/13/25	09/13/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1293386**	**Batch:**	**381848**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1293386 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.4007	0.4000	mg/L	100%		80-120
Calcium	19.30	20.40	mg/L	95%		80-120
Iron	0.3983	0.4000	mg/L	100%		80-120
Magnesium	19.89	20.40	mg/L	98%		80-120
Manganese	0.3931	0.4000	mg/L	98%		80-120
Potassium	23.14	24.00	mg/L	96%		80-120
Sodium	19.66	20.40	mg/L	96%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1293387	Batch:	381848
Matrix (Source ID):	Water (541918-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1293387 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	1.863	1.469	0.4000	mg/L	98%		75-125	1
Calcium	23.04	4.744	20.40	mg/L	90%		75-125	1
Iron	0.3861	ND	0.4000	mg/L	97%		75-125	1
Magnesium	19.61	0.8246	20.40	mg/L	92%		75-125	1
Manganese	0.3755	0.004564	0.4000	mg/L	93%		75-125	1
Potassium	23.28	0.7769	24.00	mg/L	94%		75-125	1
Sodium	367.5	353.9	20.40	mg/L	67%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1293388	Batch:	381848
Matrix (Source ID):	Water (541918-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1293388 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	1.888	1.469	0.4000	mg/L	105%		75-125	1	20	1
Calcium	24.03	4.744	20.40	mg/L	95%		75-125	4	20	1
Iron	0.4091	ND	0.4000	mg/L	102%		75-125	6	22	1
Magnesium	20.53	0.8246	20.40	mg/L	97%		75-125	5	20	1
Manganese	0.3996	0.004564	0.4000	mg/L	99%		75-125	6	20	1
Potassium	24.58	0.7769	24.00	mg/L	99%		75-125	5	20	1
Sodium	368.9	353.9	20.40	mg/L	73%	NM	75-125	0	20	1

Type:	Serial Dilution	Lab ID:	QC1293389	Batch:	381848
Matrix (Source ID):	Water (542097-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1293389 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	69.20	53.27	mg/L				50
Calcium	5,157	5142	mg/L				50
Iron	692.4	670.3	mg/L				50
Magnesium	650.7	645.1	mg/L				50
Manganese	30.02	29.57	mg/L				50
Potassium	1,268	1355	mg/L				50
Sodium	4,233	4330	mg/L				50

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1293417**	**Batch:**	**381856**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1293417 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.60	50.00	ug/L	101%		69-128
MTBE	49.77	50.00	ug/L	100%		66-125
Benzene	53.61	50.00	ug/L	107%		76-121
Trichloroethene	52.39	50.00	ug/L	105%		76-124
Toluene	52.67	50.00	ug/L	105%		76-120
Chlorobenzene	51.53	50.00	ug/L	103%		78-120
Surrogates						
Dibromofluoromethane	52.09	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	49.66	50.00	ug/L	99%		70-130
Toluene-d8	49.23	50.00	ug/L	98%		70-130
Bromofluorobenzene	48.09	50.00	ug/L	96%		70-130

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1293418**	**Batch:**	**381856**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1293418 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.02	50.00	ug/L	108%		69-128	7	23
MTBE	51.95	50.00	ug/L	104%		66-125	4	22
Benzene	57.34	50.00	ug/L	115%		76-121	7	21
Trichloroethene	55.65	50.00	ug/L	111%		76-124	6	22
Toluene	55.96	50.00	ug/L	112%		76-120	6	21
Chlorobenzene	55.21	50.00	ug/L	110%		78-120	7	20
Surrogates								
Dibromofluoromethane	50.16	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	49.16	50.00	ug/L	98%		70-130		
Toluene-d8	48.22	50.00	ug/L	96%		70-130		
Bromofluorobenzene	48.54	50.00	ug/L	97%		70-130		

Batch QC

Type: Blank	Lab ID: QC1293422	Batch: 381856
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1293422 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	09/13/25	09/13/25
Chloromethane	ND		ug/L	0.5	0.09	09/13/25	09/13/25
Vinyl Chloride	ND		ug/L	0.5	0.1	09/13/25	09/13/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
Methylene Chloride	ND		ug/L	5.0	0.2	09/13/25	09/13/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	09/13/25	09/13/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	09/13/25	09/13/25
Benzene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
Trichloroethene	ND		ug/L	0.5	0.1	09/13/25	09/13/25
Tetrachloroethene	ND		ug/L	0.5	0.2	09/13/25	09/13/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	09/13/25	09/13/25
Surrogates				**Limits**			
Dibromofluoromethane	105%		%REC	70-130		09/13/25	09/13/25
1,2-Dichloroethane-d4	103%		%REC	70-130		09/13/25	09/13/25
Toluene-d8	100%		%REC	70-130		09/13/25	09/13/25
Bromofluorobenzene	99%		%REC	70-130		09/13/25	09/13/25

Type: Matrix Spike	Lab ID: QC1293430	Batch: 381856
Matrix (Source ID): Water (541918-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1293430 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	21.08	ND	20.00	ug/L	105%		62-131	1
MTBE	19.15	ND	20.00	ug/L	96%		61-124	1
Benzene	21.39	ND	20.00	ug/L	107%		70-123	1
Trichloroethene	20.81	ND	20.00	ug/L	104%		65-131	1
Toluene	20.07	ND	20.00	ug/L	100%		69-120	1
Chlorobenzene	20.39	ND	20.00	ug/L	102%		72-121	1
Surrogates								
Dibromofluoromethane	53.28		50.00	ug/L	107%		70-130	1
1,2-Dichloroethane-d4	50.51		50.00	ug/L	101%		70-130	1
Toluene-d8	48.62		50.00	ug/L	97%		70-130	1
Bromofluorobenzene	48.04		50.00	ug/L	96%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1293431	Batch:	381856
Matrix (Source ID):	Water (541918-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1293431 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	22.98	ND	20.00	ug/L	115%		62-131	9	31	1
MTBE	20.64	ND	20.00	ug/L	103%		61-124	7	30	1
Benzene	22.92	ND	20.00	ug/L	115%		70-123	7	31	1
Trichloroethene	21.83	ND	20.00	ug/L	109%		65-131	5	31	1
Toluene	21.87	ND	20.00	ug/L	109%		69-120	9	29	1
Chlorobenzene	22.32	ND	20.00	ug/L	112%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	52.01		50.00	ug/L	104%		70-130			1
1,2-Dichloroethane-d4	52.24		50.00	ug/L	104%		70-130			1
Toluene-d8	48.61		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	47.54		50.00	ug/L	95%		70-130			1

Type:	Blank	Lab ID:	QC1293344	Batch:	381839
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1293344 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.84	09/13/25	09/15/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	95%		%REC	80-120		09/13/25	09/15/25

Type:	Lab Control Sample	Lab ID:	QC1293345	Batch:	381839
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1293345 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.02	10.00	ug/L	100%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.06	10.00	ug/L	101%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1293346	Batch:	381839
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1293346 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	11.87	10.00	ug/L	119%		79-120	17	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.78	10.00	ug/L	108%		80-120		

Type:	Blank	Lab ID:	QC1294093	Batch:	382052
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1294093 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/16/25	09/16/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1294094	Batch:	382052
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1294094 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1294097	Batch:	382052
Matrix (Source ID):	Drinking Water (542149-003)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1294097 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.6000	ND	1.000	mg/L	60%	*	80-120	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1294098	Batch:	382052
Matrix (Source ID):	Drinking Water (542149-003)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1294098 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.6000	ND	1.000	mg/L	60%	*	80-120	0	20	1

Type:	Blank	Lab ID:	QC1294197	Batch:	382083
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1294197 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	09/16/25	09/16/25

Type:	Lab Control Sample	Lab ID:	QC1294198	Batch:	382083
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1294198 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.11	25.00	mg/L	88%		85-115

Type:	Matrix Spike	Lab ID:	QC1294199	Batch:	382083
Matrix (Source ID):	Water (541995-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1294199 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.18	0.8569	25.00	mg/L	109%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1294200	Batch:	382083
Matrix (Source ID):	Water (541995-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1294200 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	26.91	0.8569	25.00	mg/L	104%		75-125	5	25	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank **Lab ID: QC1293423** **Batch: 381857**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1293423 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		09/13/25	09/13/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		09/13/25	09/13/25

Type: Lab Control Sample **Lab ID: QC1293424** **Batch: 381857**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1293424 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	991.5	1000	mg/L	99%		90-110

Type: Sample Duplicate **Lab ID: QC1293425** **Batch: 381857**
Matrix (Source ID): Water (541918-004) **Method: SM2320B** **Prep Method: METHOD**

QC1293425 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	252.7	255.1	mg/L		1	20	2.5
Alkalinity, Total as CaCO3	252.7	255.1	mg/L		1	20	2.5

Type: Blank **Lab ID: QC1294227** **Batch: 382088**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1294227 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		09/16/25	09/17/25

Type: Lab Control Sample **Lab ID: QC1294228** **Batch: 382088**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1294228 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,020	1000	mg/L	102%		90-110

Type: Sample Duplicate **Lab ID: QC1294229** **Batch: 382088**
Matrix (Source ID): Water (541918-001) **Method: SM2540C** **Prep Method: METHOD**

QC1294229 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,120	1112	mg/L		1	5	2

Type: Sample Duplicate **Lab ID: QC1294230** **Batch: 382088**
Matrix (Source ID): Water (542095-002) **Method: SM2540C** **Prep Method: METHOD**

QC1294230 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	240.0	248.0	mg/L		3	5	2

Batch QC

*	Value is outside QC limits
E	Response exceeds instrument's linear range
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 541918

Subcontracted Products

McCampbell Analytical, Inc.

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"When Quality Counts"

Analytical Report

WorkOrder: 2509954

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-541918

Project Location:
Project Received: 09/12/2025

Analytical Report reviewed & approved for release on 09/19/2025 by:

Ana Venegas
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509954

Project: EO-541918

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509954

Project: EO-541918

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509954
Date Received:	09/12/2025 10:28	**Extraction Method:**	RSK175
Date Prepared:	09/17/2025	**Analytical Method:**	RSK175
Project:	EO-541918	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2509954-001A	Water	09/11/2025 08:27	GC26 0917251004.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1200**	50	50	1	09/17/2025 11:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2509954-002A	Water	09/11/2025 09:47	GC26 0917251005.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**33,000**	2000	2000	40	09/17/2025 13:07

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2509954-003A	Water	09/11/2025 11:09	GC26 0917251006.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**930**	50	50	1	09/17/2025 13:21

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509954
Date Received:	09/12/2025 10:28	**Extraction Method:**	RSK175
Date Prepared:	09/17/2025	**Analytical Method:**	RSK175
Project:	EO-541918	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2509954-004A	Water	09/11/2025 12:23	GC26 0917251007.D	326041

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**10,000**	500	500	10	09/17/2025 13:54

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509954
Date Prepared:	09/17/2025	**BatchID:**	326041
Date Analyzed:	09/17/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-541918	**Sample ID:**	MB/LCS/LCSD-326041

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	73	73	70-130	0.310	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2509954 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-541918

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **09/12/2025**
Date Logged: **09/12/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509954-001	DW-28	Water	9/11/2025 08:27	☐	A	A										
2509954-002	DW-8	Water	9/11/2025 09:47	☐	A	A										
2509954-003	DW-9	Water	9/11/2025 11:09	☐	A	A										
2509954-004	DW-29	Water	9/11/2025 12:23	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Chyna Thomas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-541918 **Work Order:** 2509954
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 9/12/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 8:27	5 days	9/19/2025	None	☐	☐
002A	DW-8	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 9:47	5 days	9/19/2025	None	☐	☐
003A	DW-9	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 11:09	5 days	9/19/2025	None	☐	☐
004A	DW-29	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/11/2025 12:23	5 days	9/19/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2509964

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-541918
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-28	11-SEP-2025 08:27	541918-001	3	Water	RSK-175 CO2	
DW-8	11-SEP-2025 09:47	541918-002	3	Water	RSK-175 CO2	
DW-9	11-SEP-2025 11:09	541918-003	3	Water	RSK-175 CO2	
DW-29	11-SEP-2025 12:23	541918-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Alice Tahmasian	GLS
	Date: 9/11/25	Date:
	Date:	Date:
	Date:	Date: 9/12/25 1028

1.5 wet 1239

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Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	9/12/2025 10:28
Project:	EO-541918	Date Logged:	9/12/2025
		Received by:	Chyna Thomas
WorkOrder №:	2509954 Matrix: Water	Logged by:	Chyna Thomas
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☑
COC quote NOT expired?	Yes ☐	No ☐	NA ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 1.5°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☑

Comments:

39 of 39

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542143
Report Level : II
Report Date : 09/30/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	542143 GW MONITORING Chiquita Canyon Landfill 09/15/25

Sample ID	Lab ID	Collected	Matrix
DW-17	542143-001	09/15/25 08:27	Water
DW-14	542143-002	09/15/25 09:47	Water
PZ-4	542143-003	09/15/25 11:08	Water
DW-30	542143-004	09/15/25 12:34	Water
QCFB	542143-005	09/15/25 12:36	Water
QCTB	542143-006	09/15/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 542143 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 09/15/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 09/16/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):

- Low recovery was observed for manganese in the MSD for batch 382094; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- Iron was detected above the RL in the method blank for batch 382114; this analyte was not detected in the sample at or above the RL.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Low recoveries were observed for bromide and chloride in the MS/MSD for batch 382054; the parent sample was not a project sample, and the LCS was within limits.
- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD for batch 382054 and the MS/MSD of DW-14 (lab # 542143-002); affected data was qualified with "E".
- Nitrogen, nitrate was analyzed outside of hold time; affected data was qualified with "H".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD for batch 382173; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

Login 542143

Chain of Custody Record

Lab No: 542143

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 5.4/5.8 (R2) (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-17	9/14/25	827	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-14		947				X	X	X	X	X	X	X	X	X
3	PZ-4		1108				X	X	X	X	X	X	X	X	X
4	DW-30		1234				X	X	X	X	X	X	X	X	X
5	QCFB		1236		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Analysis Request

Test Instructions / Comments

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	9/15/25
[1] Received By:		John Zachman	Enthalpy	09/15/25 1355
[2] Relinquished By:		John Zachman	Enthalpy	09/16/25 0805
[2] Received By:		Gema O	ENTH	9.16.25 8:05
[3] Relinquished By:		Gema O	ENTH	9.16.25 11:38
[3] Received By:		Dennis	EA	9.16.25 1138

Rec Dennis 9-16-25 1230 Rec 09/16/25 1230

5 of 40

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9.15.25 WO# 542143 Client: WASTE CONNECTION

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☒ No**

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened _____ By (initials) JWL Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 19.7 / 19.0 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?	X		
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 9.15.25 **By (print)** JWL **(sign)** _____

Date Labeled 9.15.25 **By (print)** JWL **(sign)** _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 16-SEP-2025 WO# 542143 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 16-SEP-2025 By (initials) DEP Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0

Cooler Temp (°C) #1: 5.8 / 5.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	x		
2) Is the sampler's name present on the CoC?	x		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	x		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	x		
5) Were all of, and only, the correct samples received?	x		
6) Are sample labels present, legible, and in agreement with the CoC?	x		
7) Does the container count match the CoC?	x*		
8) Was sufficient sample volume / mass received for the analyses requested?	x		
9) Were samples received in proper containers for the analyses requested?	x		
10) Were samples received with > 1/2 holding time remaining?	x		
11) Are samples properly preserved as indicated by CoC / labels?	x		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			x
13) Are VOA vials free from headspace/bubbles > 6mm?			x

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

*RSK subcontracted by Los Angeles service center

☒ **No additional discrepancies**

Date Logged 15-SEP-2025 **By (print)** Los Angeles **(sign)** for LA

Date Labeled 15-SEP-2025 **By (print)** Los Angeles **(sign)** for LA

ENTHALPY ANALYTICAL

Analysis Results for 542143

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542143
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/15/25

Sample ID: DW-17 **Lab ID: 542143-001** **Collected: 09/15/25 08:27**
Matrix: Water

542143-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Chloride	**150**		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Bromide	**0.24**	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Nitrogen, Nitrate	**0.92**	H	mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/17/25 09:23	AJL
Sulfate	**180**		mg/L	10	1.8	10	382054	09/16/25 14:22	09/17/25 09:39	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**2.0**	J	mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.073**		mg/L	0.050	0.0062	1	382094	09/16/25	09/17/25	TWJ
Calcium	**4.4**		mg/L	1.0	0.57	1	382094	09/16/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.041	1	382094	09/16/25	09/17/25	TWJ
Magnesium	**0.12**		mg/L	0.10	0.025	1	382094	09/16/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382094	09/16/25	09/17/25	TWJ
Potassium	**0.63**		mg/L	0.50	0.42	1	382094	09/16/25	09/17/25	TWJ
Sodium	**200**		mg/L	0.50	0.34	1	382094	09/16/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542143

542143-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.84**	J	mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**130**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO3	**130**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**660**		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542143

Sample ID: DW-14	Lab ID: 542143-002	Collected: 09/15/25 09:47
	Matrix: Water	

542143-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.41**		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Chloride	**93**		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Bromide	**0.088**	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Nitrogen, Nitrate	**0.29**		mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Sulfate	**29**		mg/L	1.0	0.18	1	382054	09/16/25 14:22	09/16/25 15:06	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.10**		mg/L	0.050	0.0062	1	382094	09/16/25	09/17/25	TWJ
Calcium	**2.4**		mg/L	1.0	0.57	1	382094	09/16/25	09/17/25	TWJ
Iron	**0.22**		mg/L	0.10	0.041	1	382094	09/16/25	09/17/25	TWJ
Magnesium	**0.18**		mg/L	0.10	0.025	1	382094	09/16/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382094	09/16/25	09/17/25	TWJ
Potassium	**0.53**		mg/L	0.50	0.42	1	382094	09/16/25	09/17/25	TWJ
Sodium	**140**		mg/L	0.50	0.34	1	382094	09/16/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	106%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	98%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542143

542143-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.60**	J	mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**120**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO3	**180**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**420**		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542143

Sample ID: PZ-4	Lab ID: 542143-003	Collected: 09/15/25 11:08
	Matrix: Water	

542143-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.56**		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Chloride	**57**		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Bromide	**0.11**	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Nitrogen, Nitrate	**1.1**		mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/16/25 18:12	AJL
Sulfate	**130**		mg/L	10	1.8	10	382054	09/16/25 14:22	09/16/25 18:29	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**12**		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.35**		mg/L	0.050	0.0055	1	382114	09/17/25	09/17/25	TWJ
Calcium	**54**		mg/L	1.0	0.57	1	382114	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382114	09/17/25	09/17/25	TWJ
Magnesium	**11**		mg/L	0.10	0.025	1	382114	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382114	09/17/25	09/17/25	TWJ
Potassium	**2.5**		mg/L	0.50	0.40	1	382114	09/17/25	09/17/25	TWJ
Sodium	**190**		mg/L	0.60	0.35	1	382114	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**0.4**	J	ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	98%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542143

542143-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**3.7**		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**370**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO3	**370**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**720**		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542143

Sample ID: DW-30	Lab ID: 542143-004	Collected: 09/15/25 12:34
	Matrix: Water	

542143-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.91**		mg/L	0.20	0.073	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Chloride	**57**		mg/L	1.0	0.27	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Bromide	**0.11**	J	mg/L	0.30	0.060	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Nitrogen, Nitrate	**0.22**		mg/L	0.10	0.05	1	382054	09/16/25 14:22	09/16/25 18:46	AJL
Sulfate	**310**		mg/L	10	1.8	10	382054	09/16/25 14:22	09/16/25 19:02	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382173	09/17/25	09/18/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382093	09/16/25	09/17/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.22**		mg/L	0.050	0.0055	1	382114	09/17/25	09/17/25	TWJ
Calcium	**38**		mg/L	1.0	0.57	1	382114	09/17/25	09/17/25	TWJ
Iron	**0.31**		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	**6.1**		mg/L	0.10	0.025	1	382114	09/17/25	09/17/25	TWJ
Manganese	**0.034**		mg/L	0.010	0.0029	1	382114	09/17/25	09/17/25	TWJ
Potassium	**1.7**		mg/L	0.50	0.40	1	382114	09/17/25	09/17/25	TWJ
Sodium	**190**		mg/L	0.60	0.35	1	382114	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	**0.5**	J	ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	97%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542143

542143-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382198	09/17/25	09/17/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.0**		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**170**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Alkalinity, Total as CaCO3	**170**		mg/L	5.0		2.5	382144	09/17/25	09/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**800**		mg/L	20		2	382092	09/16/25	09/17/25	AAB

Sample ID: QCFB **Lab ID: 542143-005** **Collected: 09/15/25 12:36**
Matrix: Water

542143-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	**0.8**	J	ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	110%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	98%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542143

Sample ID: QCTB	Lab ID: 542143-006	Collected: 09/15/25
	Matrix: Water	

542143-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
Methylene Chloride	**0.8**	J	ug/L	5.0	0.4	1	382134	09/17/25	09/17/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382134	09/17/25	09/17/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382134	09/17/25	09/17/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	113%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Toluene-d8	95%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	382134	09/17/25	09/17/25	ZST

H Holding time was exceeded
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1294103**	**Batch:**	**382054**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294103 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/16/25 14:22	09/16/25 14:33
Chloride	ND		mg/L	1.0	0.27	09/16/25 14:22	09/16/25 14:33
Bromide	ND		mg/L	0.30	0.060	09/16/25 14:22	09/16/25 14:33
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/16/25 14:22	09/16/25 14:33
Sulfate	ND		mg/L	1.0	0.18	09/16/25 14:22	09/16/25 14:33

Type:	**Lab Control Sample**	**Lab ID:**	**QC1294104**	**Batch:**	**382054**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294104 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.601	10.00	mg/L	96%		90-110
Chloride	45.25	50.00	mg/L	91%		90-110
Bromide	13.77	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.312	4.518	mg/L	95%		90-110
Sulfate	24.44	25.00	mg/L	98%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1294105**	**Batch:**	**382054**
Matrix (Source ID):	**Water (542143-002)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294105 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	24.63	0.4141	20.00	mg/L	121%		80-129	1
Chloride	207.2	92.96	100.0	mg/L	114%	E	80-123	1
Bromide	16.48	0.08752	15.00	mg/L	109%		80-121	1
Nitrogen, Nitrate	10.98	0.2946	9.036	mg/L	118%		80-123	1
Sulfate	88.11	28.87	50.00	mg/L	118%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1294106**	**Batch:**	**382054**
Matrix (Source ID):	**Water (542143-002)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294106 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	25.27	0.4141	20.00	mg/L	124%		80-129	3	21	1
Chloride	210.2	92.96	100.0	mg/L	117%	E	80-123		20	1
Bromide	16.90	0.08752	15.00	mg/L	112%		80-121	3	20	1
Nitrogen, Nitrate	11.23	0.2946	9.036	mg/L	121%		80-123	2	20	1
Sulfate	89.60	28.87	50.00	mg/L	121%		79-124	2	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1294109	Batch:	382054
Matrix (Source ID):	Water (542088-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1294109 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.19	1.031	20.00	mg/L	96%		80-129	1
Chloride	296.5	222.3	100.0	mg/L	74%	E,*	80-123	1
Bromide	13.42	1.692	15.00	mg/L	78%	*	80-121	1
Nitrogen, Nitrate	14.78	7.074	9.036	mg/L	85%		80-123	1
Sulfate	880.4	891.2	50.00	mg/L	-21%	E,NM	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1294110	Batch:	382054
Matrix (Source ID):	Water (542088-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1294110 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.74	1.031	20.00	mg/L	99%		80-129	3	21	1
Chloride	298.5	222.3	100.0	mg/L	76%	E,*	80-123		20	1
Bromide	13.74	1.692	15.00	mg/L	80%		80-121	2	20	1
Nitrogen, Nitrate	14.99	7.074	9.036	mg/L	88%		80-123	1	20	1
Sulfate	880.8	891.2	50.00	mg/L	-21%	E,NM	79-124		20	1

Type:	Blank	Lab ID:	QC1294501	Batch:	382173
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1294501 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/17/25	09/18/25

Type:	Lab Control Sample	Lab ID:	QC1294502	Batch:	382173
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1294502 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9946	1.000	mg/L	99%		90-110

Type:	Matrix Spike	Lab ID:	QC1294503	Batch:	382173
Matrix (Source ID):	Water (541591-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1294503 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	3.488	2.466	1.000	mg/L	102%		90-110	5

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1294504	Batch:	382173
Matrix (Source ID):	Water (541591-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1294504 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	3.302	2.466	1.000	mg/L	84%	*	90-110	5	20	5

Type:	Matrix Spike	Lab ID:	QC1294505	Batch:	382173
Matrix (Source ID):	Water (541598-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1294505 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9546	ND	1.000	mg/L	95%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1294506	Batch:	382173
Matrix (Source ID):	Water (541598-001)	Method:	EPA 350.1	Prep Method:	SM 4500-NH3-G SD

QC1294506 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.079	ND	1.000	mg/L	108%		90-110	12	20	1

Type:	Blank	Lab ID:	QC1294233	Batch:	382093
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1294233 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/16/25	09/17/25

Type:	Lab Control Sample	Lab ID:	QC1294234	Batch:	382093
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1294234 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	105.0	100.0	mg/L	105%		90-110

Type:	Matrix Spike	Lab ID:	QC1294235	Batch:	382093
Matrix (Source ID):	Water (541918-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1294235 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	104.0	3.000	100.0	mg/L	101%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1294236**	**Batch:**	**382093**
Matrix (Source ID):	**Water (541918-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1294236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	4	20	2

Type:	**Matrix Spike**	**Lab ID:**	**QC1294237**	**Batch:**	**382093**
Matrix (Source ID):	**Water (542143-004)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1294237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	100.0	ND	100.0	mg/L	100%		75-125	2

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1294238**	**Batch:**	**382093**
Matrix (Source ID):	**Water (542143-004)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1294238 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	96.00	ND	100.0	mg/L	96%		75-125	4	20	2

Type:	**Blank**	**Lab ID:**	**QC1294239**	**Batch:**	**382094**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1294239 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	09/16/25	09/17/25
Calcium	ND		mg/L	0.57	0.57	09/16/25	09/17/25
Iron	ND		mg/L	0.041	0.041	09/16/25	09/17/25
Magnesium	ND		mg/L	0.10	0.025	09/16/25	09/17/25
Manganese	ND		mg/L	0.010	0.0029	09/16/25	09/17/25
Potassium	ND		mg/L	0.50	0.42	09/16/25	09/17/25
Sodium	ND		mg/L	0.50	0.34	09/16/25	09/17/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1294240**	**Batch:**	**382094**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1294240 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3270	0.4000	mg/L	82%		80-120
Calcium	17.48	20.40	mg/L	86%		80-120
Iron	0.3508	0.4000	mg/L	88%		80-120
Magnesium	18.41	20.40	mg/L	90%		80-120
Manganese	0.3418	0.4000	mg/L	85%		80-120
Potassium	21.45	24.00	mg/L	89%		80-120
Sodium	17.75	20.40	mg/L	87%		80-120

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Batch QC

Type:	Matrix Spike	Lab ID:	QC1294241	Batch:	382094
Matrix (Source ID):	Water (542122-011)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294241 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	3.625	3.353	0.4000	mg/L	68%	NM	75-125	1
Calcium	310.9	298.9	20.40	mg/L	59%	NM	75-125	1
Iron	0.3120	ND	0.4000	mg/L	78%		75-125	1
Magnesium	1,214	1203	20.40	mg/L	57%	NM	75-125	10
Manganese	0.3338	0.03214	0.4000	mg/L	75%		75-125	1
Potassium	443.4	425.4	24.00	mg/L	75%	NM	75-125	1
Sodium	8,940	9006	20.40	mg/L	-319%	NM	75-125	10

Type:	Matrix Spike Duplicate	Lab ID:	QC1294242	Batch:	382094
Matrix (Source ID):	Water (542122-011)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294242 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	3.625	3.353	0.4000	mg/L	68%	NM	75-125	0	20	1
Calcium	309.8	298.9	20.40	mg/L	53%	NM	75-125	0	20	1
Iron	0.3072	ND	0.4000	mg/L	77%		75-125	2	22	1
Magnesium	1,207	1203	20.40	mg/L	21%	NM	75-125	1	20	10
Manganese	0.3291	0.03214	0.4000	mg/L	74%	*	75-125	1	20	1
Potassium	440.1	425.4	24.00	mg/L	61%	NM	75-125	1	20	1
Sodium	8,859	9006	20.40	mg/L	-721%	NM	75-125	1	20	10

Type:	Serial Dilution	Lab ID:	QC1294263	Batch:	382094
Matrix (Source ID):	Water (542122-011)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294263 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	3.760	3.353	mg/L				5
Calcium	343.6	298.9	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	1,231	1203	mg/L				50
Manganese	0.03594	0.03214	mg/L	J			5
Potassium	396.7	425.4	mg/L				5
Sodium	9,761	9006	mg/L				50

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1294327	**Batch:** 382114
Matrix: Water	**Method:** EPA 6010B	**Prep Method:** EPA 3015A

QC1294327 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/17/25	09/17/25
Calcium	ND		mg/L	0.57	0.57	09/17/25	09/17/25
Iron	0.055		mg/L	0.046	0.046	09/17/25	09/17/25
Magnesium	ND		mg/L	0.10	0.025	09/17/25	09/17/25
Manganese	ND		mg/L	0.010	0.0029	09/17/25	09/17/25
Potassium	ND		mg/L	0.50	0.40	09/17/25	09/17/25
Sodium	ND		mg/L	0.50	0.35	09/17/25	09/17/25

Type: Lab Control Sample	**Lab ID:** QC1294328	**Batch:** 382114
Matrix: Water	**Method:** EPA 6010B	**Prep Method:** EPA 3015A

QC1294328 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3973	0.4000	mg/L	99%		80-120
Calcium	19.25	20.40	mg/L	94%		80-120
Iron	0.3977	0.4000	mg/L	99%		80-120
Magnesium	19.67	20.40	mg/L	96%		80-120
Manganese	0.3909	0.4000	mg/L	98%		80-120
Potassium	22.80	24.00	mg/L	95%		80-120
Sodium	19.20	20.40	mg/L	94%		80-120

Type: Matrix Spike	**Lab ID:** QC1294329	**Batch:** 382114
Matrix (Source ID): Water (542143-003)	**Method:** EPA 6010B	**Prep Method:** EPA 3015A

QC1294329 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.7505	0.3515	0.4000	mg/L	100%		75-125	1
Calcium	72.05	54.34	20.40	mg/L	87%		75-125	1
Iron	0.3920	ND	0.4000	mg/L	98%		75-125	1
Magnesium	29.70	10.55	20.40	mg/L	94%		75-125	1
Manganese	0.3810	ND	0.4000	mg/L	95%		75-125	1
Potassium	25.41	2.475	24.00	mg/L	96%		75-125	1
Sodium	200.8	186.2	20.40	mg/L	71%	NM	75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1294330	Batch:	382114
Matrix (Source ID):	Water (542143-003)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294330 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.7453	0.3515	0.4000	mg/L	98%		75-125	1	20	1
Calcium	71.79	54.34	20.40	mg/L	86%		75-125	0	20	1
Iron	0.3887	ND	0.4000	mg/L	97%		75-125	1	22	1
Magnesium	29.68	10.55	20.40	mg/L	94%		75-125	0	20	1
Manganese	0.3792	ND	0.4000	mg/L	95%		75-125	0	20	1
Potassium	24.99	2.475	24.00	mg/L	94%		75-125	2	20	1
Sodium	199.7	186.2	20.40	mg/L	66%	NM	75-125	1	20	1

Type:	Serial Dilution	Lab ID:	QC1294439	Batch:	382114
Matrix (Source ID):	Water (542306-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294439 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	89.57	90.04	mg/L				50
Calcium	6,533	6486	mg/L				50
Iron	801.2	778.9	mg/L				50
Magnesium	766.4	767.0	mg/L				50
Manganese	37.53	37.19	mg/L				50
Potassium	1,536	1652	mg/L				50
Sodium	4,987	4885	mg/L				50

Type:	Blank	Lab ID:	QC1295234	Batch:	382371
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295234 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Iron	ND		mg/L	0.046	0.046	09/19/25	09/19/25

Type:	Lab Control Sample	Lab ID:	QC1295235	Batch:	382371
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295235 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Iron	0.3403	0.4000	mg/L	85%		80-120

Type:	Matrix Spike	Lab ID:	QC1295236	Batch:	382371
Matrix (Source ID):	Water (542143-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Iron	0.6955	0.3150	0.4000	mg/L	95%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1295237	Batch:	382371
Matrix (Source ID):	Water (542143-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Iron	0.7023	0.3150	0.4000	mg/L	97%		75-125	1	22	1

Type:	Serial Dilution	Lab ID:	QC1295259	Batch:	382371
Matrix (Source ID):	Water (542143-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295259 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Iron	0.3350	0.3150	mg/L				5

Type:	Lab Control Sample	Lab ID:	QC1294404	Batch:	382134
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1294404 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.32	50.00	ug/L	113%		69-128
MTBE	52.61	50.00	ug/L	105%		66-125
Benzene	53.82	50.00	ug/L	108%		76-121
Trichloroethene	53.74	50.00	ug/L	107%		76-124
Toluene	52.00	50.00	ug/L	104%		76-120
Chlorobenzene	52.49	50.00	ug/L	105%		78-120
Surrogates						
Dibromofluoromethane	52.26	50.00	ug/L	105%		70-130
1,2-Dichloroethane-d4	49.70	50.00	ug/L	99%		70-130
Toluene-d8	49.75	50.00	ug/L	99%		70-130
Bromofluorobenzene	51.19	50.00	ug/L	102%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1294405	Batch:	382134
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1294405 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.13	50.00	ug/L	100%		69-128	12	23
MTBE	49.50	50.00	ug/L	99%		66-125	6	22
Benzene	51.20	50.00	ug/L	102%		76-121	5	21
Trichloroethene	53.13	50.00	ug/L	106%		76-124	1	22
Toluene	50.77	50.00	ug/L	102%		76-120	2	21
Chlorobenzene	51.66	50.00	ug/L	103%		78-120	2	20
Surrogates								
Dibromofluoromethane	51.13	50.00	ug/L	102%		70-130		
1,2-Dichloroethane-d4	48.63	50.00	ug/L	97%		70-130		
Toluene-d8	50.96	50.00	ug/L	102%		70-130		
Bromofluorobenzene	52.14	50.00	ug/L	104%		70-130		

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Batch QC

Type: Blank	Lab ID: QC1294409	Batch: 382134
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1294409 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	09/17/25	09/17/25
Chloromethane	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Vinyl Chloride	ND		ug/L	0.5	0.2	09/17/25	09/17/25
1,1-Dichloroethene	ND		ug/L	0.5	0.2	09/17/25	09/17/25
Methylene Chloride	ND		ug/L	5.0	0.4	09/17/25	09/17/25
1,1-Dichloroethane	ND		ug/L	0.5	0.1	09/17/25	09/17/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	09/17/25	09/17/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Benzene	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Trichloroethene	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Tetrachloroethene	ND		ug/L	0.5	0.09	09/17/25	09/17/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	09/17/25	09/17/25
Surrogates				**Limits**			
Dibromofluoromethane	106%		%REC	70-130		09/17/25	09/17/25
1,2-Dichloroethane-d4	107%		%REC	70-130		09/17/25	09/17/25
Toluene-d8	98%		%REC	70-130		09/17/25	09/17/25
Bromofluorobenzene	95%		%REC	70-130		09/17/25	09/17/25

Type: Matrix Spike	Lab ID: QC1294448	Batch: 382134
Matrix (Source ID): Water (542191-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1294448 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.60	ND	20.00	ug/L	98%		62-131	1
MTBE	18.85	ND	20.00	ug/L	94%		61-124	1
Benzene	20.20	ND	20.00	ug/L	101%		70-123	1
Trichloroethene	21.17	0.2378	20.00	ug/L	105%		65-131	1
Toluene	19.60	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	19.91	ND	20.00	ug/L	100%		72-121	1
Surrogates								
Dibromofluoromethane	49.81		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	51.37		50.00	ug/L	103%		70-130	1
Toluene-d8	49.15		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	48.71		50.00	ug/L	97%		70-130	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1294449	Batch:	382134
Matrix (Source ID):	Water (542191-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1294449 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.27	ND	20.00	ug/L	106%		62-131	8	31	1
MTBE	20.20	ND	20.00	ug/L	101%		61-124	7	30	1
Benzene	21.42	ND	20.00	ug/L	107%		70-123	6	31	1
Trichloroethene	22.54	0.2378	20.00	ug/L	112%		65-131	6	31	1
Toluene	21.25	ND	20.00	ug/L	106%		69-120	8	29	1
Chlorobenzene	21.62	ND	20.00	ug/L	108%		72-121	8	29	1
Surrogates										
Dibromofluoromethane	51.27		50.00	ug/L	103%		70-130			1
1,2-Dichloroethane-d4	50.26		50.00	ug/L	101%		70-130			1
Toluene-d8	50.82		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	49.11		50.00	ug/L	98%		70-130			1

Type:	Blank	Lab ID:	QC1294815	Batch:	382258
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1294815 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/18/25	09/18/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		09/18/25	09/18/25

Type:	Lab Control Sample	Lab ID:	QC1294816	Batch:	382258
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1294816 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.638	10.00	ug/L	96%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.919	10.00	ug/L	99%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1294817	Batch:	382258
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1294817 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.663	10.00	ug/L	97%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.985	10.00	ug/L	100%		80-120		

Type:	Blank	Lab ID:	QC1294572	Batch:	382198
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1294572 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/17/25	09/17/25

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Batch QC

Type: Lab Control Sample **Lab ID:** QC1294573 **Batch:** 382198
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1294573 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1294574 **Batch:** 382198
Matrix (Source ID): Water (542143-004) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1294574 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1294575 **Batch:** 382198
Matrix (Source ID): Water (542143-004) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1294575 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank **Lab ID:** QC1295038 **Batch:** 382325
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Type: Lab Control Sample **Lab ID:** QC1295039 **Batch:** 382325
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike **Lab ID:** QC1295040 **Batch:** 382325
Matrix (Source ID): Water (542431-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate **Lab ID:** QC1295041 **Batch:** 382325
Matrix (Source ID): Water (542431-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

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Batch QC

Type: Blank **Lab ID: QC1294437** **Batch: 382144**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1294437 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		09/17/25	09/17/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		09/17/25	09/17/25

Type: Lab Control Sample **Lab ID: QC1294438** **Batch: 382144**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1294438 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	963.7	1000	mg/L	96%		90-110

Type: Sample Duplicate **Lab ID: QC1295450** **Batch: 382144**
Matrix (Source ID): Water (542213-004) **Method: SM2320B** **Prep Method: METHOD**

QC1295450 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	191.6	188.9	mg/L		1	20	5
Alkalinity, Total as CaCO3	191.6	188.9	mg/L		1	20	5

Type: Blank **Lab ID: QC1294250** **Batch: 382092**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1294250 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		09/16/25	09/17/25

Type: Lab Control Sample **Lab ID: QC1294251** **Batch: 382092**
Matrix: Water **Method: SM2540C** **Prep Method: METHOD**

QC1294251 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,033	1000	mg/L	103%		90-110

Type: Sample Duplicate **Lab ID: QC1294252** **Batch: 382092**
Matrix (Source ID): Water (542117-001) **Method: SM2540C** **Prep Method: METHOD**

QC1294252 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	9,720	9360	mg/L		4	5	10

Type: Sample Duplicate **Lab ID: QC1294253** **Batch: 382092**
Matrix (Source ID): Water (542193-002) **Method: SM2540C** **Prep Method: METHOD**

QC1294253 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	201.0	202.0	mg/L		0	5	1

Batch QC

*	Value is outside QC limits
E	Response exceeds instrument's linear range
J	Estimated value
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 542143

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509B84

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-542143

Project Location:
Project Received: 09/16/2025

Analytical Report reviewed & approved for release on 09/22/2025 by:

Jena Alfaro
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509B84

Project: EO-542143

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509B84

Project: EO-542143

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509B84
Date Received:	09/16/2025 9:30	**Extraction Method:**	RSK175
Date Prepared:	09/19/2025	**Analytical Method:**	RSK175
Project:	EO-542143	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2509B84-001A	Water	09/15/2025 08:27	GC26 0919251104.D	326216

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**350**	50	50	1	09/19/2025 13:36

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2509B84-002A	Water	09/15/2025 09:47	GC26 0919251105.D	326216

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**460**	50	50	1	09/19/2025 13:51

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2509B84-003A	Water	09/15/2025 11:08	GC26 0919251106.D	326216

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**14,000**	500	500	10	09/19/2025 14:52

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509B84
Date Received:	09/16/2025 9:30	**Extraction Method:**	RSK175
Date Prepared:	09/19/2025	**Analytical Method:**	RSK175
Project:	EO-542143	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2509B84-004A	Water	09/15/2025 12:34	GC26 0919251107.D	326216

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3000**	120	120	2.5	09/19/2025 16:25

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509B84
Date Prepared:	09/19/2025	**BatchID:**	326216
Date Analyzed:	09/19/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-542143	**Sample ID:**	MB/LCS/LCSD-326216

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	170	150	187.2	90	80	70-130	11.3	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2509B84 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-542143

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **09/16/2025**
Date Logged: **09/17/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509B84-001	DW-17	Water	9/15/2025 08:27	☐	A	A										
2509B84-002	DW-14	Water	9/15/2025 09:47	☐	A	A										
2509B84-003	PZ-4	Water	9/15/2025 11:08	☐	A	A										
2509B84-004	DW-30	Water	9/15/2025 12:34	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-542143 **Work Order:** 2509B84
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 9/17/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 8:27	5 days	9/23/2025	None	☐	☐
002A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 9:47	5 days	9/23/2025	None	☐	☐
003A	PZ-4	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 11:08	5 days	9/23/2025	None	☐	☐
004A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/15/2025 12:34	5 days	9/23/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2509B84

ENTHALPY ANALYTICAL
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542143
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-17	15-SEP-2025 08:27	542143-001	3	Water	RSK-175 CO2	
DW-14	15-SEP-2025 09:47	542143-002	3	Water	RSK-175 CO2	
PZ-4	15-SEP-2025 11:08	542143-003	3	Water	RSK-175 CO2	
DW-30	15-SEP-2025 12:34	542143-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Jim Lin	FED EX
	Date: 9.15.25 1500	Date: 9.15.25
	FED EX	
	Date: 9.16.25	Date: 9/16/25 0930
	Date:	Date:

1.6 ciWG
1R41

FEDEX: 884390633113

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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	9/16/2025 09:30
Project:	EO-542143	Date Logged:	9/17/2025
		Received by:	Agustina Venegas
WorkOrder №:	2509B84 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1.6°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542252
Report Level : II
Report Date : 10/01/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	542252 GW MONITORING Chiquita Canyon Landfill 09/16/25

Sample ID	Lab ID	Collected	Matrix
DW-12	542252-001	09/16/25 08:12	Water
DW-7	542252-002	09/16/25 09:13	Water
DW-18	542252-003	09/16/25 10:11	Water
DW-21	542252-004	09/16/25 10:55	Water
DW-31	542252-005	09/16/25 12:17	Water
QCFB	542252-006	09/16/25 12:19	Water
QCTB	542252-007	09/16/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 542252 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 09/16/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 09/17/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for toluene and chlorobenzene in the MSD for batch 382964; the parent sample was not a project sample, the BS/BSD were within limits, and these low recoveries were not associated with any reported results. High RPD was observed for a number of analytes in the MS/MSD for batch 382964; the RPD was acceptable in the BS/BSD, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 542252

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-12	9/16/25	812	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-7		913				X	X	X	X	X	X	X	X	X
3	DW-18		1011				X	X	X	X	X	X	X	X	X
4	DW-21		1055				X	X	X	X	X	X	X	X	X
5	DW-31		1217				X	X	X	X	X	X	X	X	X
6	QCFB		1219		3		X								
7	QCTB	—	—		2		X								
8															
9															
10															

Analysis Request

Test Instructions / Comments

Temp Inf-13
3.1°C/+0.0

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

Login 542252

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Paul Chang	CEI	9/16/25 13:20
1 Received By:		Alice Tahasian	EA/NH	9/16/25 13:20
2 Relinquished By:		Alice Tahasian	EA/NH	9/17/25 9:00
2 Received By:		GEMA	EANH	9.17.25 9:00
3 Relinquished By:		GEMA	EANH	9.17.25 12:00
3 Received By:		Leo BRADY	enthalpy	9-17-25 / 13:25
		Leo Brady	enthalpy	9-17-25 1440

RECEIVED NEH EA 9-17-25 1440

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/16/25 WO# 542252 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 9/16/25 By (initials) AXT Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 9.6 / 8.9 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 9/16/25 By (print) AXT ~~(sign)~~

Date Labeled 11 By (print) 4 (sign)

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/17/25 WO# 542252 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ **Yes** ☒ **No**

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 9/17/25 By (initials) LXB Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 3.1 / 3.1 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?			
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 9/16/25 **By (print)** AXT **(sign)** _____

Date Labeled 9/16/25 **By (print)** AXT **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 542252

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542252
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/16/25

Sample ID: DW-12 **Lab ID: 542252-001** **Collected: 09/16/25 08:12**
Matrix: Water

542252-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.59**		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Chloride	**190**		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Bromide	**0.58**		mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Nitrogen, Nitrate	**3.8**		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Sulfate	**300**		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 11:13	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.22**		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	**25**		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	**3.0**		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	**1.7**		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	**280**		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	**0.07**	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542252

542252-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**160**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO3	**160**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**940**		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542252

Sample ID: DW-7	Lab ID: 542252-002	Collected: 09/16/25 09:13
	Matrix: Water	

542252-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.14**	J	mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Chloride	**81**		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Bromide	**0.12**	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Sulfate	**640**		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:03	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.18**		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	**34**		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	**1.6**		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	**1.0**		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	**340**		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	**0.06**	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542252

542252-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**100**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO3	**100**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542252

Sample ID: DW-18	Lab ID: 542252-003	Collected: 09/16/25 10:11
	Matrix: Water	

542252-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.25**		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Chloride	**110**		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Bromide	**0.24**	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Nitrogen, Nitrate	**3.0**		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Sulfate	**340**		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:20	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**4.0**		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.37**		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	**27**		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	**2.3**		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	**1.5**		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	**290**		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	**0.05**	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542252

542252-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.6**		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**260**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO3	**260**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542252

Sample ID: DW-21	Lab ID: 542252-004	Collected: 09/16/25 10:55
	Matrix: Water	

542252-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.86**		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Chloride	**53**		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Bromide	**0.13**	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Nitrogen, Nitrate	**0.10**		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Sulfate	**120**		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.27**		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	**3.7**		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	**0.29**		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	**0.22**		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	**0.41**	J	mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	**140**		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	**0.04**	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	95%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542252

542252-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.74**	J	mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**97**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO3	**150**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**440**		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542252

Sample ID: DW-31	Lab ID: 542252-005	Collected: 09/16/25 12:17
	Matrix: Water	

542252-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.25**		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Chloride	**95**		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Bromide	**0.52**		mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Sulfate	**330**		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:54	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**30**		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.51**		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	**170**		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	**1.7**		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	**31**		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	**0.80**		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	**1.4**		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	**130**		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	**0.03**	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**7.5**		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542252

542252-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**17**		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**400**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO3	**400**		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Sample ID: QCFB **Lab ID: 542252-006** **Collected: 09/16/25 12:19**
Matrix: Water

542252-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	**0.7**	J	ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	ND		ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542252

Sample ID: QCTB	Lab ID: 542252-007	Collected: 09/16/25
	Matrix: Water	

542252-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	EJB
Chloromethane	**0.2**	J	ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	EJB
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	EJB
Methylene Chloride	**0.3**	J	ug/L	10	0.2	1	382964	09/26/25	09/26/25	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	EJB
Benzene	ND		ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	EJB
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	EJB
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	EJB
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
Bromofluorobenzene	96%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1294544**	**Batch:**	**382184**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294544 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/17/25 16:00	09/17/25 16:49
Chloride	ND		mg/L	1.0	0.27	09/17/25 16:00	09/17/25 16:49
Bromide	ND		mg/L	0.30	0.060	09/17/25 16:00	09/17/25 16:49
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/17/25 16:00	09/17/25 16:49
Sulfate	ND		mg/L	1.0	0.18	09/17/25 16:00	09/17/25 16:49

Type:	**Lab Control Sample**	**Lab ID:**	**QC1294545**	**Batch:**	**382184**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294545 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.843	10.00	mg/L	98%		90-110
Chloride	45.58	50.00	mg/L	91%		90-110
Bromide	13.85	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.334	4.518	mg/L	96%		90-110
Sulfate	24.47	25.00	mg/L	98%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1294546**	**Batch:**	**382184**
Matrix (Source ID):	**Water (542336-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294546 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.21	ND	20.00	mg/L	101%		80-129	1
Chloride	98.76	ND	100.0	mg/L	99%		80-123	1
Bromide	13.66	ND	15.00	mg/L	91%		80-121	1
Nitrogen, Nitrate	8.973	ND	9.036	mg/L	99%		80-123	1
Sulfate	54.06	4.683	50.00	mg/L	99%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1294547**	**Batch:**	**382184**
Matrix (Source ID):	**Water (542336-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1294547 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.29	ND	20.00	mg/L	101%		80-129	0	21	1
Chloride	98.95	ND	100.0	mg/L	99%		80-123	0	20	1
Bromide	13.68	ND	15.00	mg/L	91%		80-121	0	20	1
Nitrogen, Nitrate	8.991	ND	9.036	mg/L	99%		80-123	0	20	1
Sulfate	54.19	4.683	50.00	mg/L	99%		79-124	0	20	1

Type:	**Blank**	**Lab ID:**	**QC1296181**	**Batch:**	**382666**
Matrix:	**Water**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1296181 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/23/25	09/24/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1296182**	**Batch:**	**382666**
Matrix:	**Water**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1296182 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.028	1.000	mg/L	103%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1296183**	**Batch:**	**382666**
Matrix (Source ID):	**Water (542252-001)**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1296183 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9455	ND	1.000	mg/L	95%		90-110	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1296184**	**Batch:**	**382666**
Matrix (Source ID):	**Water (542252-001)**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1296184 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.001	ND	1.000	mg/L	100%		90-110	6	20	1

Type:	**Matrix Spike**	**Lab ID:**	**QC1296185**	**Batch:**	**382666**
Matrix (Source ID):	**Water (542252-002)**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1296185 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9781	ND	1.000	mg/L	98%		90-110	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1296186**	**Batch:**	**382666**
Matrix (Source ID):	**Water (542252-002)**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1296186 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9374	ND	1.000	mg/L	94%		90-110	4	20	1

Type:	**Blank**	**Lab ID:**	**QC1295844**	**Batch:**	**382560**
Matrix:	**Water**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1295844 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/22/25	09/22/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295845**	**Batch:**	**382560**
Matrix:	**Water**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1295845 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	93.00	100.0	mg/L	93%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1295846	Batch:	382560
Matrix (Source ID):	Water (542337-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1295846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1295847	Batch:	382560
Matrix (Source ID):	Water (542337-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1295847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	5	20	2

Type:	Blank	Lab ID:	QC1294652	Batch:	382216
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294652 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/17/25	09/17/25
Calcium	ND		mg/L	0.57	0.57	09/17/25	09/17/25
Iron	ND		mg/L	0.046	0.046	09/17/25	09/17/25
Magnesium	ND		mg/L	0.10	0.025	09/17/25	09/17/25
Manganese	ND		mg/L	0.010	0.0029	09/17/25	09/17/25
Potassium	ND		mg/L	0.50	0.40	09/17/25	09/17/25
Sodium	ND		mg/L	0.50	0.35	09/17/25	09/17/25

Type:	Lab Control Sample	Lab ID:	QC1294653	Batch:	382216
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294653 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3756	0.4000	mg/L	94%		80-120
Calcium	18.47	20.40	mg/L	91%		80-120
Iron	0.3727	0.4000	mg/L	93%		80-120
Magnesium	19.02	20.40	mg/L	93%		80-120
Manganese	0.3733	0.4000	mg/L	93%		80-120
Potassium	21.79	24.00	mg/L	91%		80-120
Sodium	18.35	20.40	mg/L	90%		80-120

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Batch QC

Type:	Matrix Spike	Lab ID:	QC1294654	Batch:	382216
Matrix (Source ID):	Water (542252-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294654 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6054	0.2213	0.4000	mg/L	96%		75-125	1
Calcium	42.99	24.56	20.40	mg/L	90%		75-125	1
Iron	0.3779	ND	0.4000	mg/L	94%		75-125	1
Magnesium	22.14	3.017	20.40	mg/L	94%		75-125	1
Manganese	0.3766	ND	0.4000	mg/L	94%		75-125	1
Potassium	24.15	1.693	24.00	mg/L	94%		75-125	1
Sodium	294.1	279.5	20.40	mg/L	71%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1294655	Batch:	382216
Matrix (Source ID):	Water (542252-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294655 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6001	0.2213	0.4000	mg/L	95%		75-125	1	20	1
Calcium	42.34	24.56	20.40	mg/L	87%		75-125	2	20	1
Iron	0.3702	ND	0.4000	mg/L	93%		75-125	2	22	1
Magnesium	21.51	3.017	20.40	mg/L	91%		75-125	3	20	1
Manganese	0.3711	ND	0.4000	mg/L	93%		75-125	1	20	1
Potassium	23.61	1.693	24.00	mg/L	91%		75-125	2	20	1
Sodium	293.0	279.5	20.40	mg/L	66%	NM	75-125	0	20	1

Type:	Serial Dilution	Lab ID:	QC1294667	Batch:	382216
Matrix (Source ID):	Water (542252-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1294667 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2351	0.2213	mg/L	J			5
Calcium	25.73	24.56	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	3.214	3.017	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.693	mg/L				5
Sodium	295.6	279.5	mg/L				5

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1297274	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297274 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	42.96	50.00	ug/L	86%		69-128
MTBE	57.31	50.00	ug/L	115%		66-125
Benzene	47.97	50.00	ug/L	96%		76-121
Trichloroethene	42.02	50.00	ug/L	84%		76-124
Toluene	43.95	50.00	ug/L	88%		76-120
Chlorobenzene	46.28	50.00	ug/L	93%		78-120
Surrogates						
Dibromofluoromethane	51.52	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	55.43	50.00	ug/L	111%		70-130
Toluene-d8	48.52	50.00	ug/L	97%		70-130
Bromofluorobenzene	49.46	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1297275	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297275 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.27	50.00	ug/L	91%		69-128	5	23
MTBE	56.83	50.00	ug/L	114%		66-125	1	22
Benzene	49.14	50.00	ug/L	98%		76-121	2	21
Trichloroethene	44.56	50.00	ug/L	89%		76-124	6	22
Toluene	45.36	50.00	ug/L	91%		76-120	3	21
Chlorobenzene	47.39	50.00	ug/L	95%		78-120	2	20
Surrogates								
Dibromofluoromethane	51.44	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	54.47	50.00	ug/L	109%		70-130		
Toluene-d8	48.60	50.00	ug/L	97%		70-130		
Bromofluorobenzene	49.70	50.00	ug/L	99%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1297280	**Batch:** 382964	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1297280 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.08	09/26/25	09/26/25
Chloromethane	ND		ug/L	1.0	0.09	09/26/25	09/26/25
Vinyl Chloride	ND		ug/L	0.5	0.06	09/26/25	09/26/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	09/26/25	09/26/25
Methylene Chloride	ND		ug/L	10	0.2	09/26/25	09/26/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	09/26/25	09/26/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	09/26/25	09/26/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	09/26/25	09/26/25
Benzene	ND		ug/L	0.5	0.03	09/26/25	09/26/25
Trichloroethene	ND		ug/L	0.5	0.05	09/26/25	09/26/25
Tetrachloroethene	ND		ug/L	0.5	0.1	09/26/25	09/26/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	09/26/25	09/26/25
Surrogates				**Limits**			
Dibromofluoromethane	102%		%REC	70-130		09/26/25	09/26/25
1,2-Dichloroethane-d4	105%		%REC	70-130		09/26/25	09/26/25
Toluene-d8	97%		%REC	70-130		09/26/25	09/26/25
Bromofluorobenzene	99%		%REC	70-130		09/26/25	09/26/25

Type: Matrix Spike	**Lab ID:** QC1297319	**Batch:** 382964	
Matrix (Source ID): Water (542832-001)	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1297319 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	96.25	0.3218	100.0	ug/L	96%		62-131	5
MTBE	110.6	0.2309	100.0	ug/L	110%		61-124	5
Benzene	102.4	0.03368	100.0	ug/L	102%		70-123	5
Trichloroethene	141.0	11.63	100.0	ug/L	129%		65-131	5
Toluene	96.96	ND	100.0	ug/L	97%		69-120	5
Chlorobenzene	99.53	ND	100.0	ug/L	100%		72-121	5
Surrogates								
Dibromofluoromethane	248.0		250.0	ug/L	99%		70-130	5
1,2-Dichloroethane-d4	253.1		250.0	ug/L	101%		70-130	5
Toluene-d8	245.7		250.0	ug/L	98%		70-130	5
Bromofluorobenzene	247.4		250.0	ug/L	99%		70-130	5

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1297320	Batch:	382964
Matrix (Source ID):	Water (542832-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1297320 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	66.69	0.3218	100.0	ug/L	66%		62-131	36*	31	5
MTBE	81.09	0.2309	100.0	ug/L	81%		61-124	31*	30	5
Benzene	69.92	0.03368	100.0	ug/L	70%		70-123	38*	31	5
Trichloroethene	111.8	11.63	100.0	ug/L	100%		65-131	23	31	5
Toluene	68.48	ND	100.0	ug/L	68%	*	69-120	34*	29	5
Chlorobenzene	71.21	ND	100.0	ug/L	71%	*	72-121	33*	29	5
Surrogates										
Dibromofluoromethane	252.1		250.0	ug/L	101%		70-130			5
1,2-Dichloroethane-d4	257.8		250.0	ug/L	103%		70-130			5
Toluene-d8	246.9		250.0	ug/L	99%		70-130			5
Bromofluorobenzene	246.4		250.0	ug/L	99%		70-130			5

Type:	Blank	Lab ID:	QC1294815	Batch:	382258
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1294815 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/18/25	09/18/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		09/18/25	09/18/25

Type:	Lab Control Sample	Lab ID:	QC1294816	Batch:	382258
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1294816 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.638	10.00	ug/L	96%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.919	10.00	ug/L	99%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1294817	Batch:	382258
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1294817 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.663	10.00	ug/L	97%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.985	10.00	ug/L	100%		80-120		

Type:	Blank	Lab ID:	QC1295022	Batch:	382319
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1295022 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/18/25	09/18/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1295023 **Batch:** 382319
Matrix: Water **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1295023 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike **Lab ID:** QC1295024 **Batch:** 382319
Matrix (Source ID): Water (542252-001) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1295024 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate **Lab ID:** QC1295025 **Batch:** 382319
Matrix (Source ID): Water (542252-001) **Method:** SM 4500-S2-D **Prep Method:** METHOD

QC1295025 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank **Lab ID:** QC1295038 **Batch:** 382325
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Type: Lab Control Sample **Lab ID:** QC1295039 **Batch:** 382325
Matrix: Water **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike **Lab ID:** QC1295040 **Batch:** 382325
Matrix (Source ID): Water (542431-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate **Lab ID:** QC1295041 **Batch:** 382325
Matrix (Source ID): Water (542431-001) **Method:** SM 5310B **Prep Method:** SM 5310B

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1295305**	**Batch: 382404**
Matrix: Drinking Water	**Method: SM2320B**	**Prep Method: METHOD**

QC1295305 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		09/19/25	09/19/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		09/19/25	09/19/25

Type: Lab Control Sample	**Lab ID: QC1295306**	**Batch: 382404**
Matrix: Drinking Water	**Method: SM2320B**	**Prep Method: METHOD**

QC1295306 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	995.1	1000	mg/L	100%		90-110

Type: Sample Duplicate	**Lab ID: QC1295307**	**Batch: 382404**
Matrix (Source ID): Water (542372-005)	**Method: SM2320B**	**Prep Method: METHOD**

QC1295307 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	450.3	447.8	mg/L		1	20	2.5
Alkalinity, Total as CaCO3	450.3	447.8	mg/L		1	20	2.5

Type: Blank	**Lab ID: QC1294886**	**Batch: 382289**
Matrix: Drinking Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1294886 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		09/18/25	09/22/25

Type: Lab Control Sample	**Lab ID: QC1294887**	**Batch: 382289**
Matrix: Drinking Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1294887 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,027	1000	mg/L	103%		90-110

Type: Sample Duplicate	**Lab ID: QC1294888**	**Batch: 382289**
Matrix (Source ID): Water (542314-001)	**Method: SM2540C**	**Prep Method: METHOD**

QC1294888 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	906.0	956.0	mg/L		5	5	2

Type: Sample Duplicate	**Lab ID: QC1294889**	**Batch: 382289**
Matrix (Source ID): Water (542375-004)	**Method: SM2540C**	**Prep Method: METHOD**

QC1294889 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,000	982.0	mg/L		2	5	2

Batch QC

*	Value is outside QC limits
J	Estimated value
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 542252

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509D19

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-542252

Project Location:
Project Received: 09/17/2025

Analytical Report reviewed & approved for release on 09/24/2025 by:

Yen Cao

Yen Cao
Project Manager

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509D19
Project: EO-542252

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509D19

Project: EO-542252

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D19
Date Received:	09/17/2025 9:45	**Extraction Method:**	RSK175
Date Prepared:	09/22/2025	**Analytical Method:**	RSK175
Project:	EO-542252	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2509D19-001A	Water	09/16/2025 08:12	GC26 0922251004.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1400**	50	50	1	09/22/2025 11:49

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2509D19-002A	Water	09/16/2025 09:13	GC26 0922251005.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**580**	50	50	1	09/22/2025 13:05

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2509D19-003A	Water	09/16/2025 10:11	GC26 0922251006.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3800**	200	200	4	09/22/2025 13:32

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D19
Date Received:	09/17/2025 9:45	**Extraction Method:**	RSK175
Date Prepared:	09/22/2025	**Analytical Method:**	RSK175
Project:	EO-542252	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2509D19-004A	Water	09/16/2025 10:55	GC26 0922251007.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**390**	50	50	1	09/22/2025 13:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2509D19-005A	Water	09/16/2025 12:17	GC26 0922251008.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**38,000**	2500	2500	50	09/22/2025 14:21

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D19
Date Prepared:	09/22/2025	**BatchID:**	326342
Date Analyzed:	09/22/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-542252	**Sample ID:**	MB/LCS/LCSD-326342

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	150	187.2	71	78	70-130	8.90	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2509D19 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-542252

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **09/17/2025**
Date Logged: **09/18/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509D19-001	DW-12	Water	9/16/2025 08:12	☐	A	A										
2509D19-002	DW-7	Water	9/16/2025 09:13	☐	A	A										
2509D19-003	DW-18	Water	9/16/2025 10:11	☐	A	A										
2509D19-004	DW-21	Water	9/16/2025 10:55	☐	A	A										
2509D19-005	DW-31	Water	9/16/2025 12:17	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-542252 **Work Order:** 2509D19
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 9/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 8:12	5 days	9/24/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 9:13	5 days	9/24/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 10:11	5 days	9/24/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 10:55	5 days	9/24/2025	None	☐	☐
005A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 12:17	5 days	9/24/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2509D19

ENTHALPY ANALYTICAL
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542252
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-12	16-SEP-2025 08:12	542252-001	1	Water	RSK-175 CO2	
DW-7	16-SEP-2025 09:13	542252-002	1	Water	RSK-175 CO2	
DW-18	16-SEP-2025 10:11	542252-003	1	Water	RSK-175 CO2	
DW-21	16-SEP-2025 10:55	542252-004	1	Water	RSK-175 CO2	
DW-31	16-SEP-2025 12:17	542252-005	1	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date: 9/16/25 14:30	Date: 9/17/25 0945
	Date:	Date:
	Date:	Date:

*3 VIALS RECEIVED PER SAMPLE.

4.2C WET IR41

FEDEX: 884428478132

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	9/17/2025 09:45
Project:	EO-542252	Date Logged:	9/18/2025
		Received by:	Agustina Venegas
WorkOrder №:	2509D19 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 4.2°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Page 38 of 38

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542337
Report Level : II
Report Date : 10/02/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	542337 GW MONITORING Chiquita Canyon Landfill 09/17/25

Sample ID	Lab ID	Collected	Matrix
DW-1	542337-001	09/17/25 08:09	Water
DW-15	542337-002	09/17/25 08:55	Water
DW-16	542337-003	09/17/25 09:52	Water
DW-3	542337-004	09/17/25 11:00	Water
QCFB	542337-005	09/17/25 11:02	Water
QCTB	542337-006	09/17/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 542337 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 09/17/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 09/18/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Nitrogen, nitrate was analyzed outside of hold time; affected data was qualified with "H".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS of DW-1 (lab # 542337-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 542337

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-1	9/17/25	809	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-15		855				X	X	X	X	X	X	X	X	X
3	DW-16		952				X	X	X	X	X	X	X	X	X
4	DW-3		1100				X	X	X	X	X	X	X	X	X
5	QCFB		1102		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Analysis Request

Test Instructions / Comments

Temp IR-13
2.4°C / +0.0

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

Login 542337

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	9/17/25 13:30
[1] Received By:		Alice T	EA/NH	9/17/25 13:30
[2] Relinquished By:		Alice T	EA/NH	9/18/25 09:20
[2] Received By:		John Zachman	Enthalpy	09/18/25 0920
[3] Relinquished By:		John Zachman	Enthalpy	09/18/25 1300
[3] Received By:		Leo BRADY	enthalpy	9-18-25 / 1320
		Leo Brady	enthalpy	9/18/25 / 1500

EA 9-16-25 1500 MCH

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/17/25 WO# 542337 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 9/17/25 By (initials) AXT Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 12.4 / 16.7 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 9/17/25 **By (print)** AXT **(sign)** _____

Date Labeled S **By (print)** S **(sign)** _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/18/25 WO# 542337 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 9/18/25 By (initials) LXB Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: 2.4 / 2.4 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 9/17/25 **By (print)** AXT **(sign)** AXT

Date Labeled 9/17/25 **By (print)** AXT **(sign)** AXT

ENTHALPY ANALYTICAL

Analysis Results for 542337

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542337
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/17/25

Sample ID: DW-1 **Lab ID: 542337-001** **Collected: 09/17/25 08:09**
Matrix: Water

542337-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.88**		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Chloride	**110**		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Bromide	**0.22**	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Nitrogen, Nitrate	ND	H	mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 08:13	KUM
Sulfate	**350**		mg/L	10	1.8	10	382322	09/18/25 20:30	09/19/25 09:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.23**		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	**58**		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	**0.075**	J	mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	**11**		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	**0.045**		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	**2.5**		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	**230**		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/19/25	09/19/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/19/25	09/19/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/19/25	09/19/25	LYZ
1,1-Dichloroethane	**0.1**	J	ug/L	0.5	0.09	1	382436	09/19/25	09/19/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/19/25	09/19/25	LYZ
Benzene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/19/25	09/19/25	LYZ
Tetrachloroethene	**0.3**	J	ug/L	0.5	0.2	1	382436	09/19/25	09/19/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/19/25	09/19/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ
Bromofluorobenzene	108%		%REC	70-130		1	382436	09/19/25	09/19/25	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542337

542337-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.0**		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**200**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO3	**200**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**940**		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542337

Sample ID: DW-15	Lab ID: 542337-002	Collected: 09/17/25 08:55
	Matrix: Water	

542337-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	ND		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Chloride	**73**		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Bromide	**0.12**	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 08:30	KUM
Sulfate	**1,400**		mg/L	20	3.7	20	382322	09/18/25 20:30	09/19/25 09:54	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.097**	J	mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.23**		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	**260**		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	**0.95**		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	**35**		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	**0.64**		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	**3.2**		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	**430**		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	**0.3**	J	ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	104%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	101%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542337

542337-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**220**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO3	**220**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**2,500**		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542337

Sample ID: DW-16	Lab ID: 542337-003	Collected: 09/17/25 09:52
	Matrix: Water	

542337-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.46**		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Chloride	**110**		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Bromide	**0.18**	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 08:47	KUM
Sulfate	**190**		mg/L	10	1.8	10	382322	09/18/25 20:30	09/19/25 10:11	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.14**		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	**7.2**		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	ND		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	**0.41**		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	**0.98**		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	**250**		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	**0.2**	J	ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	**0.4**	J	ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	**0.9**		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	**0.6**		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	**0.2**	J	ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	**0.6**		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	**0.6**		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	**0.2**	J	ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	99%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	100%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	101%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542337

542337-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.67**	J	mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**260**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO3	**260**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**760**		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542337

Sample ID: DW-3	Lab ID: 542337-004	Collected: 09/17/25 11:00
	Matrix: Water	

542337-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.74**		mg/L	0.20	0.073	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Chloride	**53**		mg/L	1.0	0.27	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Bromide	**0.12**	J	mg/L	0.30	0.060	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Nitrogen, Nitrate	**1.9**		mg/L	0.10	0.05	1	382322	09/18/25 20:30	09/19/25 09:04	KUM
Sulfate	**100**		mg/L	10	1.8	10	382322	09/18/25 20:30	09/19/25 11:02	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.28**		mg/L	0.050	0.0055	1	382371	09/19/25	09/19/25	SBW
Calcium	**36**		mg/L	1.0	0.57	1	382371	09/19/25	09/19/25	SBW
Iron	ND		mg/L	0.10	0.046	1	382371	09/19/25	09/19/25	SBW
Magnesium	**4.3**		mg/L	0.10	0.025	1	382371	09/19/25	09/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	382371	09/19/25	09/19/25	SBW
Potassium	**1.8**		mg/L	0.50	0.40	1	382371	09/19/25	09/19/25	SBW
Sodium	**120**		mg/L	0.60	0.35	1	382371	09/19/25	09/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**3.0**		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethane	**0.2**	J	ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Tetrachloroethene	**0.8**		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane-d4	91%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Toluene-d8	101%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Bromofluorobenzene	103%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382415	09/19/25	09/21/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382415	09/19/25	09/21/25	TJW

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542337

542337-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382564	09/22/25	09/22/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.2**		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**210**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Alkalinity, Total as CaCO3	**210**		mg/L	5.0		2.5	382459	09/20/25	09/20/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**520**		mg/L	20		2	382333	09/18/25	09/22/25	AAB

Sample ID: QCFB **Lab ID: 542337-005** **Collected: 09/17/25 11:02**
Matrix: Water

542337-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	LYZ
Chloromethane	**0.4**	J	ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Methylene Chloride	**0.6**	J	ug/L	10	0.2	1	382436	09/20/25	09/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
1,2-Dichloroethane-d4	100%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Toluene-d8	106%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ
Bromofluorobenzene	103%		%REC	70-130		1	382436	09/20/25	09/20/25	LYZ

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542337

Sample ID: QCTB	Lab ID: 542337-006	Collected: 09/17/25
	Matrix: Water	

542337-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	382436	09/20/25	09/20/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	382436	09/20/25	09/20/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Methylene Chloride	**0.6**	J	ug/L	10	0.2	1	382436	09/20/25	09/20/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	382436	09/20/25	09/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382436	09/20/25	09/20/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	382436	09/20/25	09/20/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Toluene-d8	97%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	382436	09/20/25	09/20/25	ZST

H Holding time was exceeded
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1295026**	**Batch:**	**382322**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1295026 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/18/25 20:30	09/19/25 04:17
Chloride	ND		mg/L	1.0	0.27	09/18/25 20:30	09/19/25 04:17
Bromide	ND		mg/L	0.30	0.060	09/18/25 20:30	09/19/25 04:17
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/18/25 20:30	09/19/25 04:17
Sulfate	ND		mg/L	1.0	0.18	09/18/25 20:30	09/19/25 04:17

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295027**	**Batch:**	**382322**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1295027 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.48	10.00	mg/L	105%		90-110
Chloride	45.55	50.00	mg/L	91%		90-110
Bromide	13.86	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.337	4.518	mg/L	96%		90-110
Sulfate	24.40	25.00	mg/L	98%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1295030**	**Batch:**	**382322**
Matrix (Source ID):	**Water (542478-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1295030 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	25.34	0.09340	20.00	mg/L	126%		80-129	1
Chloride	165.1	50.12	100.0	mg/L	115%		80-123	1
Bromide	15.38	0.2644	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	17.05	7.782	9.036	mg/L	103%		80-123	1
Sulfate	310.8	280.3	50.00	mg/L	61%	E,NM	79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1295031**	**Batch:**	**382322**
Matrix (Source ID):	**Water (542478-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1295031 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.32	0.09340	20.00	mg/L	116%		80-129	8	21	1
Chloride	157.1	50.12	100.0	mg/L	107%		80-123	5	20	1
Bromide	14.32	0.2644	15.00	mg/L	94%		80-121	7	20	1
Nitrogen, Nitrate	16.40	7.782	9.036	mg/L	95%		80-123	4	20	1
Sulfate	308.0	280.3	50.00	mg/L	55%	E,NM	79-124		20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1295057	Batch:	382322
Matrix (Source ID):	Water (542490-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1295057 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.23	ND	20.00	mg/L	96%		80-129	1
Chloride	112.9	11.34	100.0	mg/L	102%		80-123	1
Bromide	13.65	0.06979	15.00	mg/L	91%		80-121	1
Nitrogen, Nitrate	12.11	3.562	9.036	mg/L	95%		80-123	1
Sulfate	90.69	43.39	50.00	mg/L	95%		79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1295058	Batch:	382322
Matrix (Source ID):	Water (542490-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1295058 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.21	ND	20.00	mg/L	96%		80-129	0	21	1
Chloride	112.8	11.34	100.0	mg/L	101%		80-123	0	20	1
Bromide	13.66	0.06979	15.00	mg/L	91%		80-121	0	20	1
Nitrogen, Nitrate	12.12	3.562	9.036	mg/L	95%		80-123	0	20	1
Sulfate	90.65	43.39	50.00	mg/L	95%		79-124	0	20	1

Type:	Blank	Lab ID:	QC1296989	Batch:	382894
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1296989 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/25/25	09/29/25

Type:	Lab Control Sample	Lab ID:	QC1296990	Batch:	382894
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1296990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9883	1.000	mg/L	99%		90-110

Type:	Matrix Spike	Lab ID:	QC1296991	Batch:	382894
Matrix (Source ID):	Water (542337-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1296991 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.8854	ND	1.000	mg/L	89%	*	90-110	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1296992	Batch:	382894
Matrix (Source ID):	Water (542337-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1296992 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.003	ND	1.000	mg/L	100%		90-110	12	20	1

Type:	Matrix Spike	Lab ID:	QC1296993	Batch:	382894
Matrix (Source ID):	Water (542337-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1296993 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.091	0.09666	1.000	mg/L	99%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1296994	Batch:	382894
Matrix (Source ID):	Water (542337-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1296994 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.174	0.09666	1.000	mg/L	108%		90-110	7	20	1

Type:	Blank	Lab ID:	QC1295844	Batch:	382560
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1295844 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/22/25	09/22/25

Type:	Lab Control Sample	Lab ID:	QC1295845	Batch:	382560
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1295845 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	93.00	100.0	mg/L	93%		90-110

Type:	Matrix Spike	Lab ID:	QC1295846	Batch:	382560
Matrix (Source ID):	Water (542337-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1295846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1295847**	**Batch:**	**382560**
Matrix (Source ID):	**Water (542337-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1295847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	5	20	2

Type:	**Blank**	**Lab ID:**	**QC1295234**	**Batch:**	**382371**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1295234 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/19/25	09/19/25
Calcium	ND		mg/L	0.57	0.57	09/19/25	09/19/25
Iron	ND		mg/L	0.046	0.046	09/19/25	09/19/25
Magnesium	ND		mg/L	0.10	0.025	09/19/25	09/19/25
Manganese	ND		mg/L	0.010	0.0029	09/19/25	09/19/25
Potassium	ND		mg/L	0.50	0.40	09/19/25	09/19/25
Sodium	ND		mg/L	0.50	0.35	09/19/25	09/19/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295235**	**Batch:**	**382371**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1295235 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3383	0.4000	mg/L	85%		80-120
Calcium	17.58	20.40	mg/L	86%		80-120
Iron	0.3403	0.4000	mg/L	85%		80-120
Magnesium	17.89	20.40	mg/L	88%		80-120
Manganese	0.3408	0.4000	mg/L	85%		80-120
Potassium	20.42	24.00	mg/L	85%		80-120
Sodium	17.38	20.40	mg/L	85%		80-120

Type:	**Matrix Spike**	**Lab ID:**	**QC1295236**	**Batch:**	**382371**
Matrix (Source ID):	**Water (542143-004)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1295236 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5843	0.2028	0.4000	mg/L	95%		75-125	1
Calcium	57.57	37.20	20.40	mg/L	100%		75-125	1
Iron	0.6955	0.3150	0.4000	mg/L	95%		75-125	1
Magnesium	25.92	5.880	20.40	mg/L	98%		75-125	1
Manganese	0.4065	0.03293	0.4000	mg/L	93%		75-125	1
Potassium	24.84	1.577	24.00	mg/L	97%		75-125	1
Sodium	217.8	192.0	20.40	mg/L	126%	NM	75-125	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1295237	Batch:	382371
Matrix (Source ID):	Water (542143-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295237 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5905	0.2028	0.4000	mg/L	97%		75-125	1	20	1
Calcium	56.38	37.20	20.40	mg/L	94%		75-125	2	20	1
Iron	0.7023	0.3150	0.4000	mg/L	97%		75-125	1	22	1
Magnesium	24.79	5.880	20.40	mg/L	93%		75-125	4	20	1
Manganese	0.4077	0.03293	0.4000	mg/L	94%		75-125	0	20	1
Potassium	23.61	1.577	24.00	mg/L	92%		75-125	5	20	1
Sodium	215.5	192.0	20.40	mg/L	115%	NM	75-125	1	20	1

Type:	Serial Dilution	Lab ID:	QC1295259	Batch:	382371
Matrix (Source ID):	Water (542143-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295259 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2115	0.2028	mg/L	J			5
Calcium	39.33	37.20	mg/L				5
Iron	0.3350	0.3150	mg/L				5
Magnesium	6.227	5.880	mg/L				5
Manganese	0.03533	0.03293	mg/L	J			5
Potassium	ND	1.577	mg/L				5
Sodium	202.8	192.0	mg/L				5

Type:	Lab Control Sample	Lab ID:	QC1295398	Batch:	382436
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1295398 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.02	50.00	ug/L	86%		69-128
MTBE	41.80	50.00	ug/L	84%		66-125
Benzene	45.77	50.00	ug/L	92%		76-121
Trichloroethene	45.21	50.00	ug/L	90%		76-124
Toluene	45.46	50.00	ug/L	91%		76-120
Chlorobenzene	45.58	50.00	ug/L	91%		78-120
Surrogates						
Dibromofluoromethane	48.78	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	48.63	50.00	ug/L	97%		70-130
Toluene-d8	50.37	50.00	ug/L	101%		70-130
Bromofluorobenzene	48.68	50.00	ug/L	97%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1295399**	**Batch:**	**382436**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1295399 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	51.19	50.00	ug/L	102%		69-128	17	23
MTBE	49.68	50.00	ug/L	99%		66-125	17	22
Benzene	52.63	50.00	ug/L	105%		76-121	14	21
Trichloroethene	49.78	50.00	ug/L	100%		76-124	10	22
Toluene	49.89	50.00	ug/L	100%		76-120	9	21
Chlorobenzene	52.71	50.00	ug/L	105%		78-120	15	20
Surrogates								
Dibromofluoromethane	48.52	50.00	ug/L	97%		70-130		
1,2-Dichloroethane-d4	47.91	50.00	ug/L	96%		70-130		
Toluene-d8	48.90	50.00	ug/L	98%		70-130		
Bromofluorobenzene	54.71	50.00	ug/L	109%		70-130		

Type:	**Matrix Spike**	**Lab ID:**	**QC1295408**	**Batch:**	**382436**
Matrix (Source ID):	**Water (542337-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1295408 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.33	ND	20.00	ug/L	97%		62-131	1
MTBE	18.50	ND	20.00	ug/L	93%		61-124	1
Benzene	19.73	ND	20.00	ug/L	99%		70-123	1
Trichloroethene	20.20	ND	20.00	ug/L	101%		65-131	1
Toluene	19.65	ND	20.00	ug/L	98%		69-120	1
Chlorobenzene	19.50	ND	20.00	ug/L	97%		72-121	1
Surrogates								
Dibromofluoromethane	48.19		50.00	ug/L	96%		70-130	1
1,2-Dichloroethane-d4	49.79		50.00	ug/L	100%		70-130	1
Toluene-d8	50.54		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	50.76		50.00	ug/L	102%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1295409	Batch:	382436
Matrix (Source ID):	Water (542337-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1295409 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.12	ND	20.00	ug/L	106%		62-131	9	31	1
MTBE	18.48	ND	20.00	ug/L	92%		61-124	0	30	1
Benzene	21.01	ND	20.00	ug/L	105%		70-123	6	31	1
Trichloroethene	22.06	ND	20.00	ug/L	110%		65-131	9	31	1
Toluene	21.26	ND	20.00	ug/L	106%		69-120	8	29	1
Chlorobenzene	20.91	ND	20.00	ug/L	105%		72-121	7	29	1
Surrogates										
Dibromofluoromethane	49.85		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	49.47		50.00	ug/L	99%		70-130			1
Toluene-d8	51.39		50.00	ug/L	103%		70-130			1
Bromofluorobenzene	49.91		50.00	ug/L	100%		70-130			1

Type:	Blank	Lab ID:	QC1295410	Batch:	382436
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1295410 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.2	09/19/25	09/19/25
Chloromethane	ND		ug/L	1.0	0.09	09/19/25	09/19/25
Vinyl Chloride	ND		ug/L	0.5	0.1	09/19/25	09/19/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
Methylene Chloride	ND		ug/L	10	0.2	09/19/25	09/19/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	09/19/25	09/19/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	09/19/25	09/19/25
Benzene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
Trichloroethene	ND		ug/L	0.5	0.1	09/19/25	09/19/25
Tetrachloroethene	ND		ug/L	0.5	0.2	09/19/25	09/19/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	09/19/25	09/19/25
Surrogates				**Limits**			
Dibromofluoromethane	99%		%REC	70-130		09/19/25	09/19/25
1,2-Dichloroethane-d4	98%		%REC	70-130		09/19/25	09/19/25
Toluene-d8	102%		%REC	70-130		09/19/25	09/19/25
Bromofluorobenzene	94%		%REC	70-130		09/19/25	09/19/25

Type:	Blank	Lab ID:	QC1295341	Batch:	382415
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1295341 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/19/25	09/21/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		09/19/25	09/21/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample	Lab ID:	QC1295342	Batch:	382415
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1295342 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.06	10.00	ug/L	101%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.976	10.00	ug/L	100%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1295343	Batch:	382415
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1295343 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.09	10.00	ug/L	101%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.07	10.00	ug/L	101%		80-120		

Type:	Blank	Lab ID:	QC1295857	Batch:	382564
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1295857 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/22/25	09/22/25

Type:	Lab Control Sample	Lab ID:	QC1295858	Batch:	382564
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1295858 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1296160	Batch:	382564
Matrix (Source ID):	Water (542560-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1296160 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1296161	Batch:	382564
Matrix (Source ID):	Water (542560-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1296161 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

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Batch QC

Type: Blank **Lab ID: QC1295038** **Batch: 382325**
Matrix: Water **Method: SM 5310B** **Prep Method: SM 5310B**

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Type: Lab Control Sample **Lab ID: QC1295039** **Batch: 382325**
Matrix: Water **Method: SM 5310B** **Prep Method: SM 5310B**

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike **Lab ID: QC1295040** **Batch: 382325**
Matrix (Source ID): Water (542431-001) **Method: SM 5310B** **Prep Method: SM 5310B**

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate **Lab ID: QC1295041** **Batch: 382325**
Matrix (Source ID): Water (542431-001) **Method: SM 5310B** **Prep Method: SM 5310B**

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

Type: Blank **Lab ID: QC1295509** **Batch: 382459**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1295509 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		09/20/25	09/20/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		09/20/25	09/20/25

Type: Lab Control Sample **Lab ID: QC1295510** **Batch: 382459**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1295510 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	1,057	1000	mg/L	106%		90-110

Type: Sample Duplicate **Lab ID: QC1295511** **Batch: 382459**
Matrix (Source ID): Water (542522-002) **Method: SM2320B** **Prep Method: METHOD**

QC1295511 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	622.6	616.4	mg/L		1	20	5
Alkalinity, Total as CaCO3	622.6	616.4	mg/L		1	20	5

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Batch QC

Type: Blank	**Lab ID: QC1295068**	**Batch: 382333**
Matrix: Drinking Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1295068 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		09/18/25	09/22/25

Type: Lab Control Sample	**Lab ID: QC1295069**	**Batch: 382333**
Matrix: Drinking Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1295069 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,046	1000	mg/L	105%		90-110

Type: Sample Duplicate	**Lab ID: QC1295070**	**Batch: 382333**
Matrix (Source ID): Water (542337-001)	**Method: SM2540C**	**Prep Method: METHOD**

QC1295070 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	954.0	944.0	mg/L		1	5	2

Type: Sample Duplicate	**Lab ID: QC1295071**	**Batch: 382333**
Matrix (Source ID): Water (542372-005)	**Method: SM2540C**	**Prep Method: METHOD**

QC1295071 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,204	2224	mg/L		1	5	2

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 542337

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509D98

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-542337

Project Location:
Project Received: 09/18/2025

Analytical Report reviewed & approved for release on 09/25/2025 by:

Yen Cao

Yen Cao
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509D98

Project: EO-542337

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509D98

Project: EO-542337

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D98
Date Received:	09/18/2025 9:46	**Extraction Method:**	RSK175
Date Prepared:	09/22/2025	**Analytical Method:**	RSK175
Project:	EO-542337	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2509D98-001A	Water	09/17/2025 08:09	GC26 0922251009.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2500**	100	100	2	09/22/2025 15:12

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2509D98-002A	Water	09/17/2025 08:55	GC26 0922251010.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**14,000**	500	500	10	09/22/2025 15:57

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2509D98-003A	Water	09/17/2025 09:52	GC26 0922251011.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1400**	50	50	1	09/22/2025 16:32

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D98
Date Received:	09/18/2025 9:46	**Extraction Method:**	RSK175
Date Prepared:	09/22/2025	**Analytical Method:**	RSK175
Project:	EO-542337	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2509D98-004A	Water	09/17/2025 11:00	GC26 0922251012.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2900**	100	100	2	09/22/2025 17:29

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D98
Date Prepared:	09/22/2025	**BatchID:**	326342
Date Analyzed:	09/22/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-542337	**Sample ID:**	MB/LCS/LCSD-326342

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	150	187.2	71	78	70-130	8.90	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2509D98 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 054515
Project: EO-542337

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **09/18/2025**
Date Logged: **09/19/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509D98-001	DW-1	Water	9/17/2025 08:09	☐	A	A										
2509D98-002	DW-15	Water	9/17/2025 08:55	☐	A	A										
2509D98-003	DW-16	Water	9/17/2025 09:52	☐	A	A										
2509D98-004	DW-3	Water	9/17/2025 11:00	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-542337 **Work Order:** 2509D98
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 9/19/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 8:09	5 days	9/25/2025	None	☐	☐
002A	DW-15	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 8:55	5 days	9/25/2025	Present	☐	☐
003A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 9:52	5 days	9/25/2025	None	☐	☐
004A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/17/2025 11:00	5 days	9/25/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2509D98

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542337
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-1	17-SEP-2025 08:09	542337-001	1	Water	RSK-175 CO2	
DW-15	17-SEP-2025 08:55	542337-002	1	Water	RSK-175 CO2	
DW-16	17-SEP-2025 09:52	542337-003	1	Water	RSK-175 CO2	
DW-3	17-SEP-2025 11:00	542337-004	1	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date:	Date: 9/18/25 0940
	Date:	Date:
	Date:	Date:

*3 VOAS RECEIVED PER SAMPLE.

1.0 C wet IR43

1 of 1 650:5635036B3

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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	9/18/2025 09:46
Project:	EO-542337	Date Logged:	9/19/2025
		Received by:	Agustina Venegas
WorkOrder №:	2509D98 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☐	No	☑		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 542831
Report Level : II
Report Date : 10/07/2025

Analytical Report *prepared for:*

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 542831
Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13
Date Received: 09/23/25

Sample ID	Lab ID	Collected	Matrix
FP-01	542831-001	09/23/25 11:29	Water
QCFB	542831-002	09/23/25 00:00	Water (Lab Water)
QCTB	542831-003	09/23/25 00:00	Water (Lab Water)
QCEB	542831-004	09/23/25 00:00	Water (Lab Water)

Case Narrative

RMC Geoscience 775 Baywood Drive Suite 305 Petaluma, CA 94954 Adrienne Thibeault	Lab Job Number: 542831 Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13 Date Received: 09/23/25

This data package contains sample and QC results for three lab water samples and one water sample, requested for the above referenced project on 09/23/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- 2-butanone was detected between the MDL and the RL in the method blank for batch 382871; this analyte was not detected in samples at or above the RL.
- FP-01 (lab # 542831-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Low recovery was observed for sulfate in the MSD for batch 382672; the parent sample was not a project sample, and the LCS was within limits. High recoveries were observed for bromide and fluoride in the MS/MSD for batch 382672; the LCS was within limits, and the associated RPDs were within limits.
- Responses exceeding the instrument's linear range were observed for chloride, nitrogen, nitrate, and sulfate in the MS/MSD for batch 382672; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MS for batch 382894; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 542831

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water
DW = Drinking Wate SD = Sediment PP = Pure
Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3
4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: IR11 1.9/2.0 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Geo-Logic Associates	Quote #:	
Report To:	Adrienne Thibeault	Project Name:	**Chiquita Canyon Sampling**
Email:	athibeault@geo-logic.com	Project #:	RM22.1077.00\ Ph 13
Address:	2777 E Guasti Rd UNIT 1	P.O. #:	
	Ontario, CA 91761	Address:	
Phone:	(909) 677-1093	Global ID:	L0003464243
Fax:		Sampled By:	J. Rekstad

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1,4-Dioxane (EPA 8270C-SIM)	Bicarbonate (as CaCO3), Total Alkalinity (as CaCO3)	Ammonia -N (EPA 350.1)	Carbon Dioxide (free & total) (Sm 4500-CO2 D)	Chemcial Oxygen Demand (EPA 410.4)	Bromide, Chloride, Fluoride, Nitrate-N, Sulfate (EPA 300.0)	Sulfide (SM 4500-S2-D), TOC (SM 5310B)	TDS (SM 2540C)	8260 VOCs (Appx I & Appx II) + DCDFM	Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B)	Test Instructions / Comments
1	FP-01	9.23.25	1129	Water	15		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	QCFB	9.23.25	–	Lab Water	3										✓		
3	QCTB	9.23.25	–	Lab Water	2										✓		
4	QCEB	9.23.25	–	Lab Water	3										✓		
5																	
6																	
7																	
8																	
9																	
10																	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jesse Rekstad	GLA / Field Tech	9.23.25 1437
[1] Received By:		JXR	EA	9-23-25 1437
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

Login 542831

SAMPLE RECEIPT CHECKLIST

Section 1: General Info
Date Received: 09/23/25 WO# 5 842831 Client: Geo-Logic

Section 2: Shipping / Custody JKC 9/23/25
Are custody seals present? ☐ Yes ☒ No
Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples
☐ Courier ■ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging
☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)
Date Opened 09/23/25 By (initials) JXR Type of ice used: ■ Wet ☐ Blue/Gel ☐ None
■ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)
☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)
If no cooler: Observed/Adjusted Temp (°C): _____/_____ Thermometer/IR Gun: IR11 CF: +0.1
Cooler Temp (°C) #1: 1.9 / 2.0 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples
■ No microbiology samples submitted (skip 3b)
☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.
☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples
■ No air samples submitted (skip 3c)
☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments
(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 09/23/25 **By (print)** Jeth Co **(sign)** [signature]
Date Labeled 09/23/25 **By (print)** EA Orange **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 542831

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 542831
Location: Chiquita Canyon Sampling / RM22.1077.00/Ph13
Date Received: 09/23/25

Sample ID: FP-01 **Lab ID: 542831-001** **Collected: 09/23/25 11:29**
Matrix: Water

542831-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.30**		mg/L	0.20	0.073	1	382672	09/23/25 14:53	09/24/25 02:01	KUM
Chloride	**99**		mg/L	1.0	0.27	1	382672	09/23/25 14:53	09/24/25 02:01	KUM
Bromide	**0.40**		mg/L	0.30	0.060	1	382672	09/23/25 14:53	09/24/25 02:01	KUM
Nitrogen, Nitrate	**0.11**		mg/L	0.10	0.05	1	382672	09/23/25 14:53	09/24/25 15:33	KUM
Sulfate	**370**		mg/L	10	1.8	10	382672	09/23/25 14:53	09/24/25 02:18	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382894	09/25/25	09/29/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**21**		mg/L	4.0	2.0	1	383692	10/05/25	10/05/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.46**		mg/L	0.050	0.0055	1	382726	09/23/25	09/24/25	TWJ
Calcium	**160**		mg/L	1.0	0.57	1	382726	09/23/25	09/24/25	TWJ
Iron	**1.4**		mg/L	0.10	0.046	1	382726	09/23/25	09/24/25	TWJ
Magnesium	**33**		mg/L	0.10	0.025	1	382726	09/23/25	09/24/25	TWJ
Manganese	**0.56**		mg/L	0.010	0.0029	1	382726	09/23/25	09/24/25	TWJ
Potassium	**2.0**		mg/L	0.50	0.40	1	382726	09/23/25	09/24/25	TWJ
Sodium	**140**		mg/L	0.60	0.35	1	382726	09/23/25	09/24/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542831

542831-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	ND		ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	**1.8**	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542831

542831-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	110%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	96%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**5.7**		ug/L	1.0	0.87	1	382746	09/24/25	09/25/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	382746	09/24/25	09/25/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382823	09/24/25	09/24/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**10**		mg/L	1.0	0.49	1	382795	09/24/25	09/24/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**340**		mg/L	5.0		2.5	382819	09/24/25	09/24/25	WWC
Alkalinity, Total as CaCO3	**340**		mg/L	5.0		2.5	382819	09/24/25	09/24/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	382792	09/24/25	09/25/25	JAG

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 542831

Sample ID: QCFB	Lab ID: 542831-002	Collected: 09/23/25
	Matrix: Water	

542831-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	**4.5**	J	ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	**1.1**	J	ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	**1.7**	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	**1.1**		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 542831

542831-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	95%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 542831

Sample ID: QCTB	Lab ID: 542831-003	Collected: 09/23/25
	Matrix: Water	

542831-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	ND		ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	**1.0**	J	ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	**1.7**	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	**1.1**		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 542831

542831-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	97%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 542831

Sample ID: QCEB	Lab ID: 542831-004	Collected: 09/23/25
	Matrix: Water	

542831-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
2-Chloroethylvinylether	ND		ug/L	50	1.8	1	382871	09/25/25	09/25/25	ZST
Chloroprene	ND		ug/L	200	1.5	1	382871	09/25/25	09/25/25	ZST
3-Chloropropene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Ethyl methacrylate	ND		ug/L	50	1.0	1	382871	09/25/25	09/25/25	ZST
Ethanol	ND		ug/L	500	180	1	382871	09/25/25	09/25/25	ZST
2-Hexanone	ND		ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
Iodomethane	ND		ug/L	10	1.8	1	382871	09/25/25	09/25/25	ZST
Isopropanol (IPA)	ND		ug/L	200	90	1	382871	09/25/25	09/25/25	ZST
Methyl acrylonitrile	ND		ug/L	35	1.3	1	382871	09/25/25	09/25/25	ZST
Vinyl Acetate	ND		ug/L	50	1.6	1	382871	09/25/25	09/25/25	ZST
Acrolein	ND		ug/L	200	1.2	1	382871	09/25/25	09/25/25	ZST
Acrylonitrile	ND		ug/L	10	0.2	1	382871	09/25/25	09/25/25	ZST
Freon 12	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloromethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromomethane	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
Chloroethane	ND		ug/L	0.5	0.3	1	382871	09/25/25	09/25/25	ZST
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Acetone	**3.3**	J	ug/L	25	2.1	1	382871	09/25/25	09/25/25	ZST
Freon 113	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Methylene Chloride	**0.8**	J	ug/L	5.0	0.4	1	382871	09/25/25	09/25/25	ZST
MTBE	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Butanone	**1.6**	B,J	ug/L	5.0	0.6	1	382871	09/25/25	09/25/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Chloroform	**0.8**		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromochloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromodichloromethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Dibromomethane	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	382871	09/25/25	09/25/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Toluene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 542831

542831-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Dibromochloromethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Chlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
Ethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
m,p-Xylenes	ND		ug/L	1.0	0.3	1	382871	09/25/25	09/25/25	ZST
o-Xylene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Styrene	ND		ug/L	0.5	0.2	1	382871	09/25/25	09/25/25	ZST
Bromoform	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
Propylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Isopropylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Bromobenzene	ND		ug/L	1.0	0.1	1	382871	09/25/25	09/25/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
n-Butylbenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
Naphthalene	ND		ug/L	1.0	0.2	1	382871	09/25/25	09/25/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	382871	09/25/25	09/25/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	382871	09/25/25	09/25/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	382871	09/25/25	09/25/25	ZST
Xylene (total)	ND		ug/L	0.5		1	382871	09/25/25	09/25/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
1,2-Dichloroethane-d4	112%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Toluene-d8	98%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST
Bromofluorobenzene	92%		%REC	70-130		1	382871	09/25/25	09/25/25	ZST

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1296218	Batch: 382672
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1296218 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/23/25 14:53	09/24/25 12:45
Chloride	ND		mg/L	1.0	0.27	09/23/25 14:53	09/24/25 12:45
Bromide	ND		mg/L	0.30	0.060	09/23/25 14:53	09/24/25 12:45
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/23/25 14:53	09/24/25 12:45
Sulfate	ND		mg/L	1.0	0.18	09/23/25 14:53	09/24/25 12:45

Type: Lab Control Sample	Lab ID: QC1296219	Batch: 382672
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1296219 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.20	10.00	mg/L	102%		90-110
Chloride	46.41	50.00	mg/L	93%		90-110
Bromide	14.00	15.00	mg/L	93%		90-110
Nitrogen, Nitrate	4.409	4.518	mg/L	98%		90-110
Sulfate	25.07	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1296339	Batch: 382672
Matrix (Source ID): Water (542830-003)	Method: EPA 300.0	Prep Method: METHOD

QC1296339 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	30.61	0.1351	20.00	mg/L	152%	*	80-129	1
Chloride	298.4	176.9	100.0	mg/L	122%	E	80-123	1
Bromide	19.36	0.6782	15.00	mg/L	125%	*	80-121	1
Nitrogen, Nitrate	26.17	15.85	9.036	mg/L	114%	E	80-123	1
Sulfate	221.9	177.4	50.00	mg/L	89%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1296340	Batch: 382672
Matrix (Source ID): Water (542830-003)	Method: EPA 300.0	Prep Method: METHOD

QC1296340 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	27.08	0.1351	20.00	mg/L	135%	*	80-129	12	21	1
Chloride	284.4	176.9	100.0	mg/L	108%	E	80-123		20	1
Bromide	17.01	0.6782	15.00	mg/L	109%		80-121	13	20	1
Nitrogen, Nitrate	24.97	15.85	9.036	mg/L	101%	E	80-123		20	1
Sulfate	216.6	177.4	50.00	mg/L	78%	E,*	79-124		20	1

Type: Blank	Lab ID: QC1296989	Batch: 382894
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296989 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/25/25	09/29/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1296990 **Batch:** 382894
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1296990 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9883	1.000	mg/L	99%		90-110

Type: Matrix Spike **Lab ID:** QC1296991 **Batch:** 382894
Matrix (Source ID): Water (542337-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1296991 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.8854	ND	1.000	mg/L	89%	*	90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1296992 **Batch:** 382894
Matrix (Source ID): Water (542337-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1296992 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.003	ND	1.000	mg/L	100%		90-110	12	20	1

Type: Matrix Spike **Lab ID:** QC1296993 **Batch:** 382894
Matrix (Source ID): Water (542337-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1296993 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.091	0.09666	1.000	mg/L	99%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1296994 **Batch:** 382894
Matrix (Source ID): Water (542337-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1296994 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.174	0.09666	1.000	mg/L	108%		90-110	7	20	1

Type: Blank **Lab ID:** QC1300117 **Batch:** 383692
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1300117 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	10/05/25	10/05/25

Type: Lab Control Sample **Lab ID:** QC1300118 **Batch:** 383692
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1300118 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	98.00	100.0	mg/L	98%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1300123**	**Batch:**	**383692**
Matrix (Source ID):	**Water (542831-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1300123 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	106.0	21.00	100.0	mg/L	85%		75-125	2

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1300124**	**Batch:**	**383692**
Matrix (Source ID):	**Water (542831-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1300124 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	112.0	21.00	100.0	mg/L	91%		75-125	6	20	2

Type:	**Blank**	**Lab ID:**	**QC1296398**	**Batch:**	**382726**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1296398 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/23/25	09/23/25
Calcium	ND		mg/L	0.57	0.57	09/23/25	09/23/25
Iron	ND		mg/L	0.046	0.046	09/23/25	09/23/25
Magnesium	ND		mg/L	0.10	0.025	09/23/25	09/23/25
Manganese	ND		mg/L	0.010	0.0029	09/23/25	09/23/25
Potassium	ND		mg/L	0.50	0.40	09/23/25	09/23/25
Sodium	ND		mg/L	0.50	0.35	09/23/25	09/23/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1296399**	**Batch:**	**382726**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1296399 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3779	0.4000	mg/L	94%		80-120
Calcium	18.44	20.40	mg/L	90%		80-120
Iron	0.3696	0.4000	mg/L	92%		80-120
Magnesium	19.14	20.40	mg/L	94%		80-120
Manganese	0.3692	0.4000	mg/L	92%		80-120
Potassium	23.46	24.00	mg/L	98%		80-120
Sodium	19.20	20.40	mg/L	94%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1296400	Batch:	382726
Matrix (Source ID):	Water (542680-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1296400 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4510	0.07247	0.4000	mg/L	95%		75-125	1
Calcium	285.3	270.8	20.40	mg/L	71%	NM	75-125	1
Iron	0.6870	0.3369	0.4000	mg/L	88%		75-125	1
Magnesium	18.38	0.09406	20.40	mg/L	90%		75-125	1
Manganese	0.3710	0.007296	0.4000	mg/L	91%		75-125	1
Potassium	43.06	19.40	24.00	mg/L	99%		75-125	1
Sodium	119.7	102.2	20.40	mg/L	86%	NM	75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1296401	Batch:	382726
Matrix (Source ID):	Water (542680-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1296401 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.4556	0.07247	0.4000	mg/L	96%		75-125	1	20	1
Calcium	285.5	270.8	20.40	mg/L	72%	NM	75-125	0	20	1
Iron	0.6955	0.3369	0.4000	mg/L	90%		75-125	1	22	1
Magnesium	19.06	0.09406	20.40	mg/L	93%		75-125	4	20	1
Manganese	0.3750	0.007296	0.4000	mg/L	92%		75-125	1	20	1
Potassium	43.86	19.40	24.00	mg/L	102%		75-125	2	20	1
Sodium	120.6	102.2	20.40	mg/L	90%	NM	75-125	1	20	1

Type:	Serial Dilution	Lab ID:	QC1296407	Batch:	382726
Matrix (Source ID):	Water (542680-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1296407 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.07912	0.07247	mg/L	J			5
Calcium	272.9	270.8	mg/L				5
Iron	0.3413	0.3369	mg/L				5
Magnesium	ND	0.09406	mg/L				5
Manganese	ND	0.007296	mg/L				5
Potassium	18.93	19.40	mg/L				5
Sodium	103.2	102.2	mg/L				5

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1296913	Batch: 382871
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1296913 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	53.57	50.00	ug/L	107%		69-128
MTBE	49.07	50.00	ug/L	98%		66-125
Benzene	50.42	50.00	ug/L	101%		76-121
Trichloroethene	51.40	50.00	ug/L	103%		76-124
Toluene	50.10	50.00	ug/L	100%		76-120
Chlorobenzene	51.48	50.00	ug/L	103%		78-120
Surrogates						
Dibromofluoromethane	48.88	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	49.73	50.00	ug/L	99%		70-130
Toluene-d8	49.70	50.00	ug/L	99%		70-130
Bromofluorobenzene	49.34	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1296914	Batch: 382871
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1296914 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.46	50.00	ug/L	109%		69-128	2	23
MTBE	49.52	50.00	ug/L	99%		66-125	1	22
Benzene	52.28	50.00	ug/L	105%		76-121	4	21
Trichloroethene	52.58	50.00	ug/L	105%		76-124	2	22
Toluene	51.42	50.00	ug/L	103%		76-120	3	21
Chlorobenzene	52.63	50.00	ug/L	105%		78-120	2	20
Surrogates								
Dibromofluoromethane	49.02	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	48.95	50.00	ug/L	98%		70-130		
Toluene-d8	49.66	50.00	ug/L	99%		70-130		
Bromofluorobenzene	51.63	50.00	ug/L	103%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1296918	**Batch:** 382871	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1296918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	0.5	0.3	09/25/25	09/25/25
2-Chloroethylvinylether	ND		ug/L	50	1.8	09/25/25	09/25/25
Chloroprene	ND		ug/L	200	1.5	09/25/25	09/25/25
3-Chloropropene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Ethyl methacrylate	ND		ug/L	50	1.0	09/25/25	09/25/25
Ethanol	ND		ug/L	500	180	09/25/25	09/25/25
2-Hexanone	ND		ug/L	5.0	0.6	09/25/25	09/25/25
Iodomethane	ND		ug/L	10	1.8	09/25/25	09/25/25
Isopropanol (IPA)	ND		ug/L	200	90	09/25/25	09/25/25
Methyl acrylonitrile	ND		ug/L	35	1.3	09/25/25	09/25/25
Vinyl Acetate	ND		ug/L	50	1.6	09/25/25	09/25/25
Acrolein	ND		ug/L	200	1.2	09/25/25	09/25/25
Acrylonitrile	ND		ug/L	10	0.2	09/25/25	09/25/25
Freon 12	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Chloromethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Vinyl Chloride	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Bromomethane	ND		ug/L	1.0	0.3	09/25/25	09/25/25
Chloroethane	ND		ug/L	0.5	0.3	09/25/25	09/25/25
Trichlorofluoromethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Acetone	ND		ug/L	25	2.1	09/25/25	09/25/25
Freon 113	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1-Dichloroethene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Methylene Chloride	ND		ug/L	5.0	0.4	09/25/25	09/25/25
MTBE	ND		ug/L	0.5	0.1	09/25/25	09/25/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
1,1-Dichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
2-Butanone	2.0	J	ug/L	5.0	0.6	09/25/25	09/25/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
2,2-Dichloropropane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Chloroform	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Bromochloromethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1-Dichloropropene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Carbon Tetrachloride	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Benzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Trichloroethene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dichloropropane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Bromodichloromethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Dibromomethane	ND		ug/L	0.5	0.2	09/25/25	09/25/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	09/25/25	09/25/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Toluene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Tetrachloroethene	ND		ug/L	0.5	0.09	09/25/25	09/25/25

ENTHALPY ANALYTICAL

Batch QC

QC1296918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Dibromochloromethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
1,2-Dibromoethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
Chlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
Ethylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
m,p-Xylenes	ND		ug/L	1.0	0.3	09/25/25	09/25/25
o-Xylene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Styrene	ND		ug/L	0.5	0.2	09/25/25	09/25/25
Bromoform	ND		ug/L	1.0	0.1	09/25/25	09/25/25
Propylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Isopropylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	09/25/25	09/25/25
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Bromobenzene	ND		ug/L	1.0	0.1	09/25/25	09/25/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
2-Chlorotoluene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
4-Chlorotoluene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
tert-Butylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
sec-Butylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
n-Butylbenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	09/25/25	09/25/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
Hexachlorobutadiene	ND		ug/L	1.0	0.2	09/25/25	09/25/25
Naphthalene	ND		ug/L	1.0	0.2	09/25/25	09/25/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	09/25/25	09/25/25
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	09/25/25	09/25/25
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	09/25/25	09/25/25
Xylene (total)	ND		ug/L	0.5		09/25/25	09/25/25
Surrogates				**Limits**			
Dibromofluoromethane	104%		%REC	70-130		09/25/25	09/25/25
1,2-Dichloroethane-d4	108%		%REC	70-130		09/25/25	09/25/25
Toluene-d8	97%		%REC	70-130		09/25/25	09/25/25
Bromofluorobenzene	97%		%REC	70-130		09/25/25	09/25/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1296942	Batch:	382871
Matrix (Source ID):	Water (542334-004)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1296942 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	19.50	ND	20.00	ug/L	97%		62-131	1
MTBE	17.59	ND	20.00	ug/L	88%		61-124	1
Benzene	18.66	0.1167	20.00	ug/L	93%		70-123	1
Trichloroethene	18.67	ND	20.00	ug/L	93%		65-131	1
Toluene	18.65	ND	20.00	ug/L	93%		69-120	1
Chlorobenzene	18.63	ND	20.00	ug/L	93%		72-121	1
Surrogates								
Dibromofluoromethane	48.36		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	51.93		50.00	ug/L	104%		70-130	1
Toluene-d8	49.01		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	46.83		50.00	ug/L	94%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1296943	Batch:	382871
Matrix (Source ID):	Water (542334-004)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1296943 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	18.31	ND	20.00	ug/L	92%		62-131	6	31	1
MTBE	15.97	ND	20.00	ug/L	80%		61-124	10	30	1
Benzene	16.63	0.1167	20.00	ug/L	83%		70-123	11	31	1
Trichloroethene	16.81	ND	20.00	ug/L	84%		65-131	10	31	1
Toluene	16.57	ND	20.00	ug/L	83%		69-120	12	29	1
Chlorobenzene	16.96	ND	20.00	ug/L	85%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	49.31		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	49.01		50.00	ug/L	98%		70-130			1
Toluene-d8	49.79		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	48.66		50.00	ug/L	97%		70-130			1

Type:	Blank	Lab ID:	QC1296478	Batch:	382746
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1296478 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/24/25	09/25/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		09/24/25	09/25/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1296479**	**Batch:**	**382746**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1296479 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.48	10.00	ug/L	105%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.44	10.00	ug/L	104%		80-120

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1296480**	**Batch:**	**382746**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1296480 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.409	10.00	ug/L	94%		79-120	11	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.809	10.00	ug/L	98%		80-120		

Type:	**Blank**	**Lab ID:**	**QC1296710**	**Batch:**	**382823**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1296710 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/24/25	09/24/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1296711**	**Batch:**	**382823**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1296711 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1296712**	**Batch:**	**382823**
Matrix (Source ID):	**Drinking Water (542915-004)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1296712 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1296713**	**Batch:**	**382823**
Matrix (Source ID):	**Drinking Water (542915-004)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1296713 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1296612	Batch: 382795
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1296612 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/24/25	09/24/25

Type: Lab Control Sample	Lab ID: QC1296613	Batch: 382795
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1296613 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.13	25.00	mg/L	93%		85-115

Type: Matrix Spike	Lab ID: QC1296614	Batch: 382795
Matrix (Source ID): Water (542771-007)	Method: SM 5310B	Prep Method: SM 5310B

QC1296614 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.46	2.689	25.00	mg/L	103%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1296615	Batch: 382795
Matrix (Source ID): Water (542771-007)	Method: SM 5310B	Prep Method: SM 5310B

QC1296615 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	28.04	2.689	25.00	mg/L	101%		75-125	1	25	1

Type: Blank	Lab ID: QC1296699	Batch: 382819
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1296699 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		09/24/25	09/24/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		09/24/25	09/24/25

Type: Lab Control Sample	Lab ID: QC1296700	Batch: 382819
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1296700 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	936.2	1000	mg/L	94%		90-110

Type: Sample Duplicate	Lab ID: QC1296701	Batch: 382819
Matrix (Source ID): Water (542821-002)	Method: SM2320B	Prep Method: METHOD

QC1296701 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Bicarbonate	902.9	904.0	mg/L		0	20	2.5
Alkalinity, Total as CaCO3	740.1	741.0	mg/L		0	20	2.5

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1296596**	**Batch: 382792**
Matrix: Drinking Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1296596 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		09/24/25	09/25/25

Type: Lab Control Sample	**Lab ID: QC1296597**	**Batch: 382792**
Matrix: Drinking Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1296597 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,000	1000	mg/L	100%		90-110

Type: Sample Duplicate	**Lab ID: QC1296598**	**Batch: 382792**
Matrix (Source ID): Water (542863-001)	**Method: SM2540C**	**Prep Method: METHOD**

QC1296598 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,468	2504	mg/L		1	5	2

Type: Sample Duplicate	**Lab ID: QC1296599**	**Batch: 382792**
Matrix (Source ID): Water (542821-002)	**Method: SM2540C**	**Prep Method: METHOD**

QC1296599 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,538	1546	mg/L		1	5	2

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 542831

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509H53

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-542831

Project Location:
Project Received: 09/25/2025

Analytical Report reviewed & approved for release on 09/30/2025 by:

Yen Cao

Yen Cao
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509H53

Project: EO-542831

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509H53

Project: EO-542831

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509H53
Date Received:	09/25/2025 9:12	**Extraction Method:**	RSK175
Date Prepared:	09/26/2025	**Analytical Method:**	RSK175
Project:	EO-542831	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FP-01	2509H53-001A	Water	09/23/2025 11:29	GC26 0926250904.D	326749

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**31,000**	1000	1000	20	09/26/2025 11:33

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509H53
Date Prepared:	09/26/2025	**BatchID:**	326749
Date Analyzed:	09/26/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-542831	**Sample ID:**	MB/LCS/LCSD-326749

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	150	187.2	76	81	70-130	6.69	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2509H53 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☒ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 054515
Project: EO-542831

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: **3 days;**

Date Received: **09/25/2025**
Date Logged: **09/25/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509H53-001	FP-01	Water	9/23/2025 11:29	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Lilly Ortiz

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-542831
Comments

Work Order: 2509H53
QC Level: LEVEL 2
Date Logged: 9/25/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☑ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	9/23/2025 11:29	3 days	9/30/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

HOLD TIME RUSH

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

7509453

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542831
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	23-SEP-2025 11:29	542831-001	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	[signature]
	Date: 9-24-25 14:24	Date: 9/25/25 0742
		5.7 Tank 1K41
	Date:	Date:
	Date:	Date:

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Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	9/25/2025 09:12
Project:	EO-542831	Date Logged:	9/25/2025
		Received by:	Lilly Ortiz
WorkOrder №:	2509H53 Matrix: Water	Logged by:	Lilly Ortiz
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 5.7°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 545005
Report Level : II
Report Date : 11/06/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	545005 GW MONITORING Chiquita Canyon Landfill 10/21/25

Sample ID	Lab ID	Collected	Matrix
DW-28	545005-001	10/21/25 08:38	Water
DW-9	545005-002	10/21/25 10:11	Water
DW-29	545005-003	10/21/25 11:21	Water
DW-31	545005-004	10/21/25 12:22	Water
QCFB	545005-005	10/21/25 08:41	Water
QCTB	545005-006	10/21/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 545005 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 10/21/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 10/21/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

- High recovery was observed for total organic carbon in the MSD for batch 385413; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):

- High response was observed for aluminum in the CCV analyzed 10/24/25 03:21; affected data was qualified with "b".
- High response was observed for aluminum in the CCV analyzed 10/24/25 04:04; affected data was qualified with "b".
- High response was observed for aluminum in the CCV analyzed 10/24/25 02:37; affected data was qualified with "b".
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- High recoveries were observed for bromide, fluoride, and nitrogen, nitrate in the MSD for batch 385285; the parent sample was not a project sample, the LCS was within limits, and the associated RPDs were within limits.
- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD for batch 385285; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545005

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

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(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: IR 18 +0.3 (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-28	10/21/25	838	W	14	var.	X	X	X	X	X	X	X	X	X
2	DW-9	↓	1011	↓	↓	↓	X	X	X	X	X	X	X	X	X
3	DW-29	↓	1121	↓	↓	↓	X	X	X	X	X	X	X	X	X
4	DW-31	↓	1222	↓	↓	↓	X	X	X	X	X	X	X	X	X
5	QCFB	↓	841	↓	3	↓	X								
6	QCTB	—	—	↓	2	↓	X								
7															
8															
9															
10															

Test Instructions / Comments

5.3

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

Login 545005

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/21/25 1250
[1] Received By:		Jim Lin	EA-NH	10.21.25 1250
[2] Relinquished By:		Jim Lin	EA-NH	10.22.25 9:00
[2] Received By:		GEMA O.	EANH	10/22/25 9:00
[3] Relinquished By:		GEMA O.	EANH	10/22/25 11:55
[3] Received By:		Nicole Mendoza	EA	10-22-25 11:55

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545005

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	2-Methylphenol, 3&4-Methylphenol, Aniline, Benzyl alcohol, Phenol (8270)	Metals: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, V, Zn
1	DW-28	10/21/25	838	W	14	var.	X	X
2	DW-9	"	1011	"	"	"	X	X
3	DW-29	"	1121	"	"	"	X	X
4	DW-31	"	1222	"	↓	"	X	X
5	QCFB	↓	841	"	3	"		
6	QCTB	—	—	↓	2	↓		
7								
8								
9								
10								

Test Instructions / Comments

5.3

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/21/25 1250
[1] Received By:		Jim Lin	SA·NV	10.21.25 1250
[2] Relinquished By:		Jim Lin	SA·NV	10.22.25 9:00
[2] Received By:		GEMA O.	EANV	10/22/25 9:00
[3] Relinquished By:		GEMA O.	EANV	10/22/25 11:55
[3] Received By:		Nicole Mendoza	EA	10-22-25 11:55

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10.21.25 WO# 545005 Client: LACDPW

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☑ No

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10.21.25 By (initials) JWL Type of ice used : ☑ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 11.3 / 10.6 #2: 12.5 / 11.8 #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☑ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☑ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		✓	
13) Are VOA vials free from headspace/bubbles > 6mm?	✓		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 10.21.25 By (print) JWL (sign) [signature]

Date Labeled 10.21.25 By (print) JWL (sign) [signature]

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/22/25 WO# 545005 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10/22/25 By (initials) NCM Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR18 CF: +0.3

Cooler Temp (°C) #1: 5.3 / 5.6 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.10: Nitrate for samples -001 to -004 are received with 1/2 holding time remaining

☐ **No additional discrepancies**

Date Logged 10/21/25 **By (print)** JWL **(sign)** N/A

Date Labeled 10/21/25 **By (print)** JWL **(sign)** N/A

ENTHALPY ANALYTICAL

Analysis Results for 545005

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 545005
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 10/21/25

Sample ID: DW-28 **Lab ID: 545005-001** **Collected: 10/21/25 08:38**
Matrix: Water

545005-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**1.3**		mg/L	0.20	0.073	1	385285	10/22/25 10:30	10/22/25 19:32	KUM
Chloride	**35**		mg/L	1.0	0.27	1	385285	10/22/25 10:30	10/22/25 19:32	KUM
Bromide	**0.15**	J	mg/L	0.30	0.060	1	385285	10/22/25 10:30	10/22/25 19:32	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	385285	10/22/25 10:30	10/22/25 19:32	KUM
Sulfate	**460**		mg/L	10	1.8	10	385285	10/22/25 10:30	10/22/25 19:49	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.33**		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**7.0**		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Arsenic	ND		mg/L	0.010	0.0045	1	385376	10/22/25	10/24/25	SBW
Barium	**0.018**		mg/L	0.010	0.0022	1	385376	10/22/25	10/24/25	SBW
Beryllium	ND		mg/L	0.0050	0.00017	1	385376	10/22/25	10/24/25	SBW
Boron	**1.4**		mg/L	0.050	0.0055	1	385376	10/22/25	10/24/25	SBW
Cadmium	ND		mg/L	0.0050	0.00096	1	385376	10/22/25	10/24/25	SBW
Calcium	**4.8**		mg/L	1.0	0.57	1	385376	10/22/25	10/24/25	SBW
Chromium	ND		mg/L	0.010	0.0023	1	385376	10/22/25	10/24/25	SBW
Cobalt	ND		mg/L	0.0050	0.0022	1	385376	10/22/25	10/24/25	SBW
Copper	ND		mg/L	0.010	0.0059	1	385376	10/22/25	10/24/25	SBW
Iron	ND		mg/L	0.10	0.046	1	385376	10/22/25	10/24/25	SBW
Lead	ND		mg/L	0.010	0.0028	1	385376	10/22/25	10/24/25	SBW
Magnesium	**0.83**		mg/L	0.10	0.025	1	385376	10/22/25	10/24/25	SBW
Manganese	**0.0048**	J	mg/L	0.010	0.0029	1	385376	10/22/25	10/24/25	SBW
Nickel	ND		mg/L	0.010	0.0033	1	385376	10/22/25	10/24/25	SBW
Potassium	**0.81**		mg/L	0.50	0.40	1	385376	10/22/25	10/24/25	SBW
Selenium	ND		mg/L	0.030	0.0098	1	385376	10/22/25	10/24/25	SBW
Silver	ND		mg/L	0.0050	0.0015	1	385376	10/22/25	10/24/25	SBW
Sodium	**360**		mg/L	0.60	0.35	1	385376	10/22/25	10/24/25	SBW
Thallium	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Vanadium	ND		mg/L	0.010	0.0012	1	385376	10/22/25	10/24/25	SBW
Zinc	ND		mg/L	0.050	0.013	1	385376	10/22/25	10/24/25	SBW

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545005

545005-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.041**	J	ug/L	0.40	0.032	1	385390	10/23/25	10/23/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	385545	10/24/25	10/24/25	ZST
Chloromethane	ND		ug/L	1.0	0.1	1	385545	10/24/25	10/24/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
Methylene Chloride	ND		ug/L	10	0.4	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	385545	10/24/25	10/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane-d4	95%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Toluene-d8	101%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385542	10/24/25	10/26/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	385542	10/24/25	10/26/25	ZFA
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.4	2.0	0.94	385549	10/24/25	10/25/25	ZFA
Aniline	ND		ug/L	9.4	2.7	0.94	385549	10/24/25	10/25/25	ZFA
Benzyl alcohol	ND		ug/L	24	5.4	0.94	385549	10/24/25	10/25/25	ZFA
2-Methylphenol	ND		ug/L	9.4	3.1	0.94	385549	10/24/25	10/25/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.4	2.8	0.94	385549	10/24/25	10/25/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	36%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Phenol-d6	23%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
2,4,6-Tribromophenol	71%		%REC	15-140		0.94	385549	10/24/25	10/25/25	ZFA
Nitrobenzene-d5	56%		%REC	15-123		0.94	385549	10/24/25	10/25/25	ZFA
2-Fluorobiphenyl	60%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Terphenyl-d14	103%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385786	10/27/25	10/27/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**3.6**		mg/L	1.0	0.49	1	385413	10/23/25	10/23/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**350**		mg/L	10		5	386196	11/01/25	11/01/25	ARM

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545005

545005-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Alkalinity, Total as CaCO3	**350**		mg/L	10		5	386196	11/01/25	11/01/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	385689	10/26/25	10/27/25	CDR

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545005

Sample ID: DW-9	Lab ID: 545005-002	Collected: 10/21/25 10:11
	Matrix: Water	

545005-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**2.0**		mg/L	0.20	0.073	1	385285	10/22/25 10:30	10/22/25 20:06	KUM
Chloride	**79**		mg/L	1.0	0.27	1	385285	10/22/25 10:30	10/22/25 20:06	KUM
Bromide	**0.20**	J	mg/L	0.30	0.060	1	385285	10/22/25 10:30	10/22/25 20:06	KUM
Nitrogen, Nitrate	**2.3**		mg/L	0.10	0.05	1	385285	10/22/25 10:30	10/22/25 20:06	KUM
Sulfate	**680**		mg/L	10	1.8	10	385285	10/22/25 10:30	10/22/25 20:23	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**9.0**		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Arsenic	ND		mg/L	0.010	0.0045	1	385376	10/22/25	10/24/25	SBW
Barium	**0.023**		mg/L	0.010	0.0022	1	385376	10/22/25	10/24/25	SBW
Beryllium	ND		mg/L	0.0050	0.00017	1	385376	10/22/25	10/24/25	SBW
Boron	**0.57**		mg/L	0.050	0.0055	1	385376	10/22/25	10/24/25	SBW
Cadmium	ND		mg/L	0.0050	0.00096	1	385376	10/22/25	10/24/25	SBW
Calcium	**21**		mg/L	1.0	0.57	1	385376	10/22/25	10/24/25	SBW
Chromium	ND		mg/L	0.010	0.0023	1	385376	10/22/25	10/24/25	SBW
Cobalt	ND		mg/L	0.0050	0.0022	1	385376	10/22/25	10/24/25	SBW
Copper	**0.0059**	J	mg/L	0.010	0.0059	1	385376	10/22/25	10/24/25	SBW
Iron	ND		mg/L	0.10	0.046	1	385376	10/22/25	10/24/25	SBW
Lead	ND		mg/L	0.010	0.0028	1	385376	10/22/25	10/24/25	SBW
Magnesium	**2.2**		mg/L	0.10	0.025	1	385376	10/22/25	10/24/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	385376	10/22/25	10/24/25	SBW
Nickel	ND		mg/L	0.010	0.0033	1	385376	10/22/25	10/24/25	SBW
Potassium	**1.3**		mg/L	0.50	0.40	1	385376	10/22/25	10/24/25	SBW
Selenium	**0.019**	J	mg/L	0.030	0.0098	1	385376	10/22/25	10/24/25	SBW
Silver	ND		mg/L	0.0050	0.0015	1	385376	10/22/25	10/24/25	SBW
Sodium	**380**		mg/L	0.60	0.35	1	385376	10/22/25	10/24/25	SBW
Thallium	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Vanadium	**0.0040**	J	mg/L	0.010	0.0012	1	385376	10/22/25	10/24/25	SBW
Zinc	ND		mg/L	0.050	0.013	1	385376	10/22/25	10/24/25	SBW
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.051**	J	ug/L	0.40	0.032	1	385390	10/23/25	10/23/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	385545	10/24/25	10/24/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545005

545005-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chloromethane	ND		ug/L	1.0	0.1	1	385545	10/24/25	10/24/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
Methylene Chloride	ND		ug/L	10	0.4	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	385545	10/24/25	10/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Toluene-d8	101%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385542	10/24/25	10/26/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	385542	10/24/25	10/26/25	ZFA
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.4	2.0	0.94	385549	10/24/25	10/25/25	ZFA
Aniline	ND		ug/L	9.4	2.7	0.94	385549	10/24/25	10/25/25	ZFA
Benzyl alcohol	ND		ug/L	24	5.4	0.94	385549	10/24/25	10/25/25	ZFA
2-Methylphenol	ND		ug/L	9.4	3.1	0.94	385549	10/24/25	10/25/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.4	2.8	0.94	385549	10/24/25	10/25/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	51%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Phenol-d6	30%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
2,4,6-Tribromophenol	87%		%REC	15-140		0.94	385549	10/24/25	10/25/25	ZFA
Nitrobenzene-d5	78%		%REC	15-123		0.94	385549	10/24/25	10/25/25	ZFA
2-Fluorobiphenyl	85%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Terphenyl-d14	94%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385786	10/27/25	10/27/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.1**		mg/L	1.0	0.49	1	385413	10/23/25	10/23/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**180**		mg/L	10		5	386196	11/01/25	11/01/25	ARM
Alkalinity, Total as CaCO3	**180**		mg/L	10		5	386196	11/01/25	11/01/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,300**		mg/L	20		2	385689	10/26/25	10/27/25	CDR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545005

Sample ID: DW-29	Lab ID: 545005-003	Collected: 10/21/25 11:21
	Matrix: Water	

545005-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.42**		mg/L	0.20	0.073	1	385285	10/22/25 10:30	10/22/25 20:40	KUM
Chloride	**88**		mg/L	1.0	0.27	1	385285	10/22/25 10:30	10/22/25 20:40	KUM
Bromide	**0.23**	J	mg/L	0.30	0.060	1	385285	10/22/25 10:30	10/22/25 20:40	KUM
Nitrogen, Nitrate	**2.4**		mg/L	0.10	0.05	1	385285	10/22/25 10:30	10/22/25 20:40	KUM
Sulfate	**320**		mg/L	10	1.8	10	385285	10/22/25 10:30	10/22/25 20:57	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**13**		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Arsenic	ND		mg/L	0.010	0.0045	1	385376	10/22/25	10/24/25	SBW
Barium	**0.037**		mg/L	0.010	0.0022	1	385376	10/22/25	10/24/25	SBW
Beryllium	ND		mg/L	0.0050	0.00017	1	385376	10/22/25	10/24/25	SBW
Boron	**0.33**		mg/L	0.050	0.0055	1	385376	10/22/25	10/24/25	SBW
Cadmium	ND		mg/L	0.0050	0.00096	1	385376	10/22/25	10/24/25	SBW
Calcium	**65**		mg/L	1.0	0.57	1	385376	10/22/25	10/24/25	SBW
Chromium	ND		mg/L	0.010	0.0023	1	385376	10/22/25	10/24/25	SBW
Cobalt	ND		mg/L	0.0050	0.0022	1	385376	10/22/25	10/24/25	SBW
Copper	ND		mg/L	0.010	0.0059	1	385376	10/22/25	10/24/25	SBW
Iron	ND		mg/L	0.10	0.046	1	385376	10/22/25	10/24/25	SBW
Lead	ND		mg/L	0.010	0.0028	1	385376	10/22/25	10/24/25	SBW
Magnesium	**9.2**		mg/L	0.10	0.025	1	385376	10/22/25	10/24/25	SBW
Manganese	**0.11**		mg/L	0.010	0.0029	1	385376	10/22/25	10/24/25	SBW
Nickel	ND		mg/L	0.010	0.0033	1	385376	10/22/25	10/24/25	SBW
Potassium	**1.3**		mg/L	0.50	0.40	1	385376	10/22/25	10/24/25	SBW
Selenium	ND		mg/L	0.030	0.0098	1	385376	10/22/25	10/24/25	SBW
Silver	ND		mg/L	0.0050	0.0015	1	385376	10/22/25	10/24/25	SBW
Sodium	**220**		mg/L	0.60	0.35	1	385376	10/22/25	10/24/25	SBW
Thallium	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Vanadium	**0.039**		mg/L	0.010	0.0012	1	385376	10/22/25	10/24/25	SBW
Zinc	ND		mg/L	0.050	0.013	1	385376	10/22/25	10/24/25	SBW
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.064**	J	ug/L	0.40	0.032	1	385390	10/23/25	10/23/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	385545	10/24/25	10/24/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545005

545005-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chloromethane	**0.2**	J	ug/L	1.0	0.1	1	385545	10/24/25	10/24/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
Methylene Chloride	ND		ug/L	10	0.4	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	385545	10/24/25	10/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Toluene-d8	101%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385542	10/24/25	10/26/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	385542	10/24/25	10/26/25	ZFA
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.4	2.0	0.94	385549	10/24/25	10/25/25	ZFA
Aniline	ND		ug/L	9.4	2.7	0.94	385549	10/24/25	10/25/25	ZFA
Benzyl alcohol	ND		ug/L	24	5.4	0.94	385549	10/24/25	10/25/25	ZFA
2-Methylphenol	ND		ug/L	9.4	3.1	0.94	385549	10/24/25	10/25/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.4	2.8	0.94	385549	10/24/25	10/25/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	47%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Phenol-d6	30%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
2,4,6-Tribromophenol	82%		%REC	15-140		0.94	385549	10/24/25	10/25/25	ZFA
Nitrobenzene-d5	74%		%REC	15-123		0.94	385549	10/24/25	10/25/25	ZFA
2-Fluorobiphenyl	81%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Terphenyl-d14	91%		%REC	15-120		0.94	385549	10/24/25	10/25/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385786	10/27/25	10/27/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**4.6**		mg/L	1.0	0.49	1	385413	10/23/25	10/23/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**290**		mg/L	10		5	386196	11/01/25	11/01/25	ARM
Alkalinity, Total as CaCO3	**290**		mg/L	10		5	386196	11/01/25	11/01/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**870**		mg/L	20		2	385689	10/26/25	10/27/25	CDR

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545005

Sample ID: DW-31	Lab ID: 545005-004	Collected: 10/21/25 12:22
	Matrix: Water	

545005-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.23**		mg/L	0.20	0.073	1	385285	10/22/25 10:30	10/22/25 21:13	KUM
Chloride	**100**		mg/L	1.0	0.27	1	385285	10/22/25 10:30	10/22/25 21:13	KUM
Bromide	**0.52**		mg/L	0.30	0.060	1	385285	10/22/25 10:30	10/22/25 21:13	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	385285	10/22/25 10:30	10/22/25 21:13	KUM
Sulfate	**350**		mg/L	10	1.8	10	385285	10/22/25 10:30	10/22/25 21:30	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**33**		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Arsenic	ND		mg/L	0.010	0.0045	1	385376	10/22/25	10/24/25	SBW
Barium	**0.041**		mg/L	0.010	0.0022	1	385376	10/22/25	10/24/25	SBW
Beryllium	ND		mg/L	0.0050	0.00017	1	385376	10/22/25	10/24/25	SBW
Boron	**0.50**		mg/L	0.050	0.0055	1	385376	10/22/25	10/24/25	SBW
Cadmium	ND		mg/L	0.0050	0.00096	1	385376	10/22/25	10/24/25	SBW
Calcium	**170**		mg/L	1.0	0.57	1	385376	10/22/25	10/24/25	SBW
Chromium	ND		mg/L	0.010	0.0023	1	385376	10/22/25	10/24/25	SBW
Cobalt	ND		mg/L	0.0050	0.0022	1	385376	10/22/25	10/24/25	SBW
Copper	ND		mg/L	0.010	0.0059	1	385376	10/22/25	10/24/25	SBW
Iron	**0.37**		mg/L	0.10	0.046	1	385376	10/22/25	10/24/25	SBW
Lead	ND		mg/L	0.010	0.0028	1	385376	10/22/25	10/24/25	SBW
Magnesium	**32**		mg/L	0.10	0.025	1	385376	10/22/25	10/24/25	SBW
Manganese	**0.85**		mg/L	0.010	0.0029	1	385376	10/22/25	10/24/25	SBW
Nickel	**0.0086**	J	mg/L	0.010	0.0033	1	385376	10/22/25	10/24/25	SBW
Potassium	**1.5**		mg/L	0.50	0.40	1	385376	10/22/25	10/24/25	SBW
Selenium	ND		mg/L	0.030	0.0098	1	385376	10/22/25	10/24/25	SBW
Silver	ND		mg/L	0.0050	0.0015	1	385376	10/22/25	10/24/25	SBW
Sodium	**130**		mg/L	0.60	0.35	1	385376	10/22/25	10/24/25	SBW
Thallium	ND		mg/L	0.030	0.011	1	385376	10/22/25	10/24/25	SBW
Vanadium	ND		mg/L	0.010	0.0012	1	385376	10/22/25	10/24/25	SBW
Zinc	ND		mg/L	0.050	0.013	1	385376	10/22/25	10/24/25	SBW
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.052**	J	ug/L	0.40	0.032	1	385390	10/23/25	10/23/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	385545	10/24/25	10/24/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545005

545005-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chloromethane	ND		ug/L	1.0	0.1	1	385545	10/24/25	10/24/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
Methylene Chloride	ND		ug/L	10	0.4	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	385545	10/24/25	10/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane-d4	96%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Toluene-d8	101%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**7.4**		ug/L	1.0	0.87	1	385542	10/24/25	10/26/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	385542	10/24/25	10/26/25	ZFA
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.6	2.0	0.96	385549	10/24/25	10/25/25	ZFA
Aniline	ND		ug/L	9.6	2.7	0.96	385549	10/24/25	10/25/25	ZFA
Benzyl alcohol	ND		ug/L	24	5.5	0.96	385549	10/24/25	10/25/25	ZFA
2-Methylphenol	ND		ug/L	9.6	3.1	0.96	385549	10/24/25	10/25/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.6	2.9	0.96	385549	10/24/25	10/25/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	51%		%REC	15-120		0.96	385549	10/24/25	10/25/25	ZFA
Phenol-d6	30%		%REC	15-120		0.96	385549	10/24/25	10/25/25	ZFA
2,4,6-Tribromophenol	87%		%REC	15-140		0.96	385549	10/24/25	10/25/25	ZFA
Nitrobenzene-d5	76%		%REC	15-123		0.96	385549	10/24/25	10/25/25	ZFA
2-Fluorobiphenyl	85%		%REC	15-120		0.96	385549	10/24/25	10/25/25	ZFA
Terphenyl-d14	92%		%REC	15-120		0.96	385549	10/24/25	10/25/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385786	10/27/25	10/27/25	LVL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**14**		mg/L	1.0	0.49	1	385413	10/23/25	10/23/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**420**		mg/L	10		5	386196	11/01/25	11/01/25	ARM
Alkalinity, Total as CaCO3	**420**		mg/L	10		5	386196	11/01/25	11/01/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	385689	10/26/25	10/27/25	CDR

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545005

Sample ID: QCFB	Lab ID: 545005-005	Collected: 10/21/25 08:41
	Matrix: Water	

545005-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	385545	10/24/25	10/24/25	ZST
Chloromethane	ND		ug/L	1.0	0.1	1	385545	10/24/25	10/24/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
Methylene Chloride	**0.8**	J	ug/L	10	0.4	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	385545	10/24/25	10/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	104%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane-d4	97%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Toluene-d8	100%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST

Sample ID: QCTB	Lab ID: 545005-006	Collected: 10/21/25
	Matrix: Water	

545005-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	385545	10/24/25	10/24/25	ZST
Chloromethane	ND		ug/L	1.0	0.1	1	385545	10/24/25	10/24/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
Methylene Chloride	**0.9**	J	ug/L	10	0.4	1	385545	10/24/25	10/24/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Benzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Trichloroethene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.09	1	385545	10/24/25	10/24/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	385545	10/24/25	10/24/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Toluene-d8	101%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	385545	10/24/25	10/24/25	ZST

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1305742**	**Batch:**	**385285**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305742 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	10/22/25 10:30	10/22/25 10:50
Chloride	ND		mg/L	1.0	0.27	10/22/25 10:30	10/22/25 10:50
Bromide	ND		mg/L	0.30	0.060	10/22/25 10:30	10/22/25 10:50
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	10/22/25 10:30	10/22/25 10:50
Sulfate	ND		mg/L	1.0	0.18	10/22/25 10:30	10/22/25 10:50

Type:	**Lab Control Sample**	**Lab ID:**	**QC1305743**	**Batch:**	**385285**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305743 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.13	10.00	mg/L	101%		90-110
Chloride	47.14	50.00	mg/L	94%		90-110
Bromide	14.91	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.543	4.518	mg/L	101%		90-110
Sulfate	26.75	25.00	mg/L	107%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1305744**	**Batch:**	**385285**
Matrix (Source ID):	**Water (544966-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305744 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.97	0.6527	20.00	mg/L	112%		80-129	1
Chloride	366.2	286.2	100.0	mg/L	80%	E	80-123	1
Bromide	16.60	0.7483	15.00	mg/L	106%		80-121	1
Nitrogen, Nitrate	13.04	3.294	9.036	mg/L	108%		80-123	1
Sulfate	420.6	503.5	50.00	mg/L	-166%	E,NM	79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1305745**	**Batch:**	**385285**
Matrix (Source ID):	**Water (544966-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305745 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	26.75	0.6527	20.00	mg/L	130%	*	80-129	15	21	1
Chloride	378.0	286.2	100.0	mg/L	92%	E	80-123		20	1
Bromide	19.33	0.7483	15.00	mg/L	124%	*	80-121	15	20	1
Nitrogen, Nitrate	14.64	3.294	9.036	mg/L	126%	*	80-123	12	20	1
Sulfate	423.2	503.5	50.00	mg/L	-161%	E,NM	79-124		20	1

Type:	**Blank**	**Lab ID:**	**QC1309032**	**Batch:**	**386250**
Matrix:	**Water**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1309032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	11/02/25	11/03/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1309033 **Batch:** 386250
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1309033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.006	1.000	mg/L	101%		90-110

Type: Matrix Spike **Lab ID:** QC1309046 **Batch:** 386250
Matrix (Source ID): Water (545005-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1309046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.287	0.3286	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1309047 **Batch:** 386250
Matrix (Source ID): Water (545005-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1309047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.284	0.3286	1.000	mg/L	96%		90-110	0	20	1

Type: Matrix Spike **Lab ID:** QC1309048 **Batch:** 386250
Matrix (Source ID): Water (545005-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1309048 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9435	ND	1.000	mg/L	94%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1309049 **Batch:** 386250
Matrix (Source ID): Water (545005-002) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1309049 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9913	ND	1.000	mg/L	99%		90-110	5	20	1

Type: Blank **Lab ID:** QC1307411 **Batch:** 385790
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1307411 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	10/27/25	10/27/25

Type: Lab Control Sample **Lab ID:** QC1307412 **Batch:** 385790
Matrix: Water **Method:** EPA 410.4 **Prep Method:** METHOD

QC1307412 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	101.0	100.0	mg/L	101%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1307413	Batch:	385790
Matrix (Source ID):	Water (545005-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1307413 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	108.0	7.000	100.0	mg/L	101%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1307414	Batch:	385790
Matrix (Source ID):	Water (545005-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1307414 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	104.0	7.000	100.0	mg/L	97%		75-125	4	20	2

Type:	Blank	Lab ID:	QC1306061	Batch:	385376
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1306061 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/L	0.030	0.011	10/22/25	10/24/25
Arsenic	ND		mg/L	0.010	0.0045	10/22/25	10/24/25
Barium	ND		mg/L	0.010	0.0022	10/22/25	10/24/25
Beryllium	ND		mg/L	0.0050	0.00017	10/22/25	10/24/25
Boron	ND		mg/L	0.050	0.0055	10/22/25	10/24/25
Cadmium	ND		mg/L	0.0050	0.00096	10/22/25	10/24/25
Calcium	ND		mg/L	0.57	0.57	10/22/25	10/24/25
Chromium	ND		mg/L	0.010	0.0023	10/22/25	10/24/25
Cobalt	ND		mg/L	0.0050	0.0022	10/22/25	10/24/25
Copper	ND		mg/L	0.010	0.0059	10/22/25	10/24/25
Iron	ND		mg/L	0.046	0.046	10/22/25	10/24/25
Lead	ND		mg/L	0.010	0.0028	10/22/25	10/24/25
Magnesium	ND		mg/L	0.10	0.025	10/22/25	10/24/25
Manganese	ND		mg/L	0.010	0.0029	10/22/25	10/24/25
Nickel	ND		mg/L	0.010	0.0033	10/22/25	10/24/25
Potassium	ND		mg/L	0.50	0.40	10/22/25	10/24/25
Selenium	ND		mg/L	0.030	0.0098	10/22/25	10/24/25
Silver	ND		mg/L	0.0050	0.0015	10/22/25	10/24/25
Sodium	ND		mg/L	0.50	0.35	10/22/25	10/24/25
Thallium	ND		mg/L	0.030	0.011	10/22/25	10/24/25
Vanadium	ND		mg/L	0.010	0.0012	10/22/25	10/24/25
Zinc	ND		mg/L	0.050	0.013	10/22/25	10/24/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1306062**	**Batch:**	**385376**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306062 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	0.3640	0.4000	mg/L	91%		80-120
Arsenic	0.3513	0.4000	mg/L	88%		80-120
Barium	0.3665	0.4000	mg/L	92%		80-120
Beryllium	0.3643	0.4000	mg/L	91%		80-120
Boron	0.3550	0.4000	mg/L	89%		80-120
Cadmium	0.3642	0.4000	mg/L	91%		80-120
Calcium	18.50	20.40	mg/L	91%		80-120
Chromium	0.3594	0.4000	mg/L	90%		80-120
Cobalt	0.3588	0.4000	mg/L	90%		80-120
Copper	0.3470	0.4000	mg/L	87%		80-120
Iron	0.3725	0.4000	mg/L	93%		80-120
Lead	0.3644	0.4000	mg/L	91%		80-120
Magnesium	19.11	20.40	mg/L	94%		80-120
Manganese	0.3690	0.4000	mg/L	92%		80-120
Nickel	0.3621	0.4000	mg/L	91%		80-120
Potassium	22.69	24.00	mg/L	95%		80-120
Selenium	0.3487	0.4000	mg/L	87%		80-120
Silver	0.1773	0.2000	mg/L	89%		80-120
Sodium	18.84	20.40	mg/L	92%		80-120
Thallium	0.3673	0.4000	mg/L	92%		80-120
Vanadium	0.3678	0.4000	mg/L	92%		80-120
Zinc	0.3833	0.4000	mg/L	96%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1306063**	**Batch:**	**385376**
Matrix (Source ID):	**Water (545005-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306063 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	0.3762	ND	0.4000	mg/L	94%		75-125	1
Arsenic	0.3584	ND	0.4000	mg/L	90%		75-125	1
Barium	0.3860	0.01800	0.4000	mg/L	92%		75-125	1
Beryllium	0.3657	ND	0.4000	mg/L	91%		75-125	1
Boron	1.702	1.351	0.4000	mg/L	88%		75-125	1
Cadmium	0.3689	ND	0.4000	mg/L	92%		75-125	1
Calcium	23.58	4.787	20.40	mg/L	92%		75-125	1
Chromium	0.3595	ND	0.4000	mg/L	90%		75-125	1
Cobalt	0.3716	ND	0.4000	mg/L	93%		75-125	1
Copper	0.3868	ND	0.4000	mg/L	97%		75-125	1
Iron	0.3850	ND	0.4000	mg/L	96%		75-125	1
Lead	0.3670	ND	0.4000	mg/L	92%		75-125	1
Magnesium	20.33	0.8290	20.40	mg/L	96%		75-125	1
Manganese	0.3750	0.004770	0.4000	mg/L	93%		75-125	1
Nickel	0.3758	ND	0.4000	mg/L	94%		75-125	1
Potassium	24.30	0.8143	24.00	mg/L	98%		75-125	1
Selenium	0.3508	ND	0.4000	mg/L	88%		75-125	1
Silver	0.1870	ND	0.2000	mg/L	93%		75-125	1
Sodium	369.6	357.3	20.40	mg/L	61%	NM	75-125	1
Thallium	0.3725	ND	0.4000	mg/L	93%		75-125	1
Vanadium	0.3745	ND	0.4000	mg/L	94%		75-125	1
Zinc	0.3989	ND	0.4000	mg/L	100%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1306064**	**Batch:**	**385376**
Matrix (Source ID):	**Water (545005-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306064 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	0.3693	ND	0.4000	mg/L	92%		75-125	2	20	1
Arsenic	0.3539	ND	0.4000	mg/L	88%		75-125	1	20	1
Barium	0.3809	0.01800	0.4000	mg/L	91%		75-125	1	20	1
Beryllium	0.3608	ND	0.4000	mg/L	90%		75-125	1	20	1
Boron	1.701	1.351	0.4000	mg/L	88%		75-125	0	20	1
Cadmium	0.3639	ND	0.4000	mg/L	91%		75-125	1	20	1
Calcium	23.12	4.787	20.40	mg/L	90%		75-125	2	20	1
Chromium	0.3547	ND	0.4000	mg/L	89%		75-125	1	20	1
Cobalt	0.3667	ND	0.4000	mg/L	92%		75-125	1	20	1
Copper	0.3814	ND	0.4000	mg/L	95%		75-125	1	20	1
Iron	0.3768	ND	0.4000	mg/L	94%		75-125	2	22	1
Lead	0.3626	ND	0.4000	mg/L	91%		75-125	1	20	1
Magnesium	19.89	0.8290	20.40	mg/L	93%		75-125	2	20	1
Manganese	0.3703	0.004770	0.4000	mg/L	91%		75-125	1	20	1
Nickel	0.3711	ND	0.4000	mg/L	93%		75-125	1	20	1
Potassium	23.80	0.8143	24.00	mg/L	96%		75-125	2	20	1
Selenium	0.3453	ND	0.4000	mg/L	86%		75-125	2	20	1
Silver	0.1847	ND	0.2000	mg/L	92%		75-125	1	20	1
Sodium	366.3	357.3	20.40	mg/L	44%	NM	75-125	1	20	1
Thallium	0.3688	ND	0.4000	mg/L	92%		75-125	1	20	1
Vanadium	0.3697	ND	0.4000	mg/L	92%		75-125	1	20	1
Zinc	0.3938	ND	0.4000	mg/L	98%		75-125	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Serial Dilution	Lab ID:	QC1306065	Batch:	385376
Matrix (Source ID):	Water (545005-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1306065 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	mg/L				5
Arsenic	ND	ND	mg/L				5
Barium	0.01812	0.01800	mg/L	J			5
Beryllium	ND	ND	mg/L				5
Boron	1.406	1.351	mg/L				5
Cadmium	ND	ND	mg/L				5
Calcium	4.949	4.787	mg/L				5
Chromium	ND	ND	mg/L				5
Cobalt	ND	ND	mg/L				5
Copper	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Lead	ND	ND	mg/L				5
Magnesium	0.8590	0.8290	mg/L				5
Manganese	ND	0.004770	mg/L				5
Nickel	ND	ND	mg/L				5
Potassium	ND	0.8143	mg/L				5
Selenium	ND	ND	mg/L				5
Silver	ND	ND	mg/L				5
Sodium	376.8	357.3	mg/L				5
Thallium	ND	ND	mg/L				5
Vanadium	ND	ND	mg/L				5
Zinc	ND	ND	mg/L				5

Type:	Blank	Lab ID:	QC1306114	Batch:	385390
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306114 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.032	10/23/25	10/23/25

Type:	Lab Control Sample	Lab ID:	QC1306115	Batch:	385390
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306115 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	4.965	5.000	ug/L	99%		80-120

Type:	Matrix Spike	Lab ID:	QC1306116	Batch:	385390
Matrix (Source ID):	Water (545087-004)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306116 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	973.1	7.199	1000	ug/L	97%		75-125	200

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1306117	Batch:	385390
Matrix (Source ID):	Water (545087-004)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306117 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	947.4	7.199	1000	ug/L	94%		75-125	3	20	200

Type:	Lab Control Sample	Lab ID:	QC1306612	Batch:	385545
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1306612 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	57.76	50.00	ug/L	116%		69-128
MTBE	54.76	50.00	ug/L	110%		66-125
Benzene	53.77	50.00	ug/L	108%		76-121
Trichloroethene	57.42	50.00	ug/L	115%		76-124
Toluene	53.95	50.00	ug/L	108%		76-120
Chlorobenzene	54.96	50.00	ug/L	110%		78-120
Surrogates						
Dibromofluoromethane	48.38	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	48.07	50.00	ug/L	96%		70-130
Toluene-d8	50.97	50.00	ug/L	102%		70-130
Bromofluorobenzene	48.93	50.00	ug/L	98%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1306613	Batch:	385545
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1306613 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.53	50.00	ug/L	111%		69-128	4	23
MTBE	51.70	50.00	ug/L	103%		66-125	6	22
Benzene	51.19	50.00	ug/L	102%		76-121	5	21
Trichloroethene	57.35	50.00	ug/L	115%		76-124	0	22
Toluene	52.76	50.00	ug/L	106%		76-120	2	21
Chlorobenzene	53.29	50.00	ug/L	107%		78-120	3	20
Surrogates								
Dibromofluoromethane	47.84	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	43.49	50.00	ug/L	87%		70-130		
Toluene-d8	51.07	50.00	ug/L	102%		70-130		
Bromofluorobenzene	50.60	50.00	ug/L	101%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1306614	**Batch:** 385545	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1306614 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.2	10/24/25	10/24/25
Chloromethane	ND		ug/L	1.0	0.1	10/24/25	10/24/25
Vinyl Chloride	ND		ug/L	0.5	0.2	10/24/25	10/24/25
1,1-Dichloroethene	ND		ug/L	0.5	0.2	10/24/25	10/24/25
Methylene Chloride	ND		ug/L	10	0.4	10/24/25	10/24/25
1,1-Dichloroethane	ND		ug/L	0.5	0.1	10/24/25	10/24/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	10/24/25	10/24/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	10/24/25	10/24/25
Benzene	ND		ug/L	0.5	0.1	10/24/25	10/24/25
Trichloroethene	ND		ug/L	0.5	0.1	10/24/25	10/24/25
Tetrachloroethene	ND		ug/L	0.5	0.09	10/24/25	10/24/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	10/24/25	10/24/25
Surrogates				**Limits**			
Dibromofluoromethane	103%		%REC	70-130		10/24/25	10/24/25
1,2-Dichloroethane-d4	96%		%REC	70-130		10/24/25	10/24/25
Toluene-d8	100%		%REC	70-130		10/24/25	10/24/25
Bromofluorobenzene	95%		%REC	70-130		10/24/25	10/24/25

Type: Matrix Spike	**Lab ID:** QC1306657	**Batch:** 385545	
Matrix (Source ID): Water (545046-005)	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1306657 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.50	ND	20.00	ug/L	82%		62-131	1
MTBE	15.28	ND	20.00	ug/L	76%		61-124	1
Benzene	15.80	ND	20.00	ug/L	79%		70-123	1
Trichloroethene	19.36	1.271	20.00	ug/L	90%		65-131	1
Toluene	16.63	ND	20.00	ug/L	83%		69-120	1
Chlorobenzene	16.39	ND	20.00	ug/L	82%		72-121	1
Surrogates								
Dibromofluoromethane	49.29		50.00	ug/L	99%		70-130	1
1,2-Dichloroethane-d4	45.90		50.00	ug/L	92%		70-130	1
Toluene-d8	51.60		50.00	ug/L	103%		70-130	1
Bromofluorobenzene	48.95		50.00	ug/L	98%		70-130	1

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1306658	Batch:	385545
Matrix (Source ID):	Water (545046-005)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1306658 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	20.85	ND	20.00	ug/L	104%		62-131	23	31	1
MTBE	19.55	ND	20.00	ug/L	98%		61-124	25	30	1
Benzene	18.85	ND	20.00	ug/L	94%		70-123	18	31	1
Trichloroethene	21.71	1.271	20.00	ug/L	102%		65-131	11	31	1
Toluene	19.20	ND	20.00	ug/L	96%		69-120	14	29	1
Chlorobenzene	19.67	ND	20.00	ug/L	98%		72-121	18	29	1
Surrogates										
Dibromofluoromethane	48.67		50.00	ug/L	97%		70-130			1
1,2-Dichloroethane-d4	46.95		50.00	ug/L	94%		70-130			1
Toluene-d8	50.95		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	48.94		50.00	ug/L	98%		70-130			1

Type:	Blank	Lab ID:	QC1306627	Batch:	385549
Matrix:	Water	Method:	EPA 8270C	Prep Method:	EPA 3510C

QC1306627 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Phenol	ND		ug/L	10	2.1	10/24/25	10/24/25
Aniline	ND		ug/L	10	2.8	10/24/25	10/24/25
Benzyl alcohol	ND		ug/L	25	5.8	10/24/25	10/24/25
2-Methylphenol	ND		ug/L	10	3.2	10/24/25	10/24/25
3-,4-Methylphenol	ND		ug/L	10	3.0	10/24/25	10/24/25
Surrogates				**Limits**			
2-Fluorophenol	55%		%REC	15-120		10/24/25	10/24/25
Phenol-d6	32%		%REC	15-120		10/24/25	10/24/25
2,4,6-Tribromophenol	75%		%REC	15-140		10/24/25	10/24/25
Nitrobenzene-d5	86%		%REC	15-123		10/24/25	10/24/25
2-Fluorobiphenyl	85%		%REC	15-120		10/24/25	10/24/25
Terphenyl-d14	95%		%REC	15-120		10/24/25	10/24/25

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Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1306628**	**Batch:**	**385549**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1306628 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	26.34	75.00	ug/L	35%		14-120
2-Chlorophenol	56.17	75.00	ug/L	75%		46-120
1,4-Dichlorobenzene	59.08	75.00	ug/L	79%		42-120
3-,4-Methylphenol	50.78	75.00	ug/L	68%		40-120
N-Nitroso-di-n-propylamine	65.46	75.00	ug/L	87%		54-121
2,4-Dimethylphenol	56.58	75.00	ug/L	75%		48-120
1,2,4-Trichlorobenzene	57.01	75.00	ug/L	76%		45-120
4-Chloro-3-methylphenol	66.06	75.00	ug/L	88%		60-121
2,4,5-Trichlorophenol	63.76	75.00	ug/L	85%		62-124
Acenaphthene	56.44	75.00	ug/L	75%		56-120
4-Nitrophenol	26.26	75.00	ug/L	35%		17-120
2,4-Dinitrotoluene	66.56	75.00	ug/L	89%		69-127
Pentachlorophenol	55.22	75.00	ug/L	74%		51-120
Pyrene	66.43	75.00	ug/L	89%		68-123
Chrysene	64.81	75.00	ug/L	86%		66-120
Benzo(b)fluoranthene	69.13	75.00	ug/L	92%		67-120
Surrogates						
2-Fluorophenol	19.51	40.00	ug/L	49%		15-120
Phenol-d6	12.32	40.00	ug/L	31%		15-120
2,4,6-Tribromophenol	33.42	40.00	ug/L	84%		15-140
Nitrobenzene-d5	32.77	40.00	ug/L	82%		15-123
2-Fluorobiphenyl	29.79	40.00	ug/L	74%		15-120
Terphenyl-d14	35.35	40.00	ug/L	88%		15-120

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1306629	Batch: 385549
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1306629 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Phenol	28.64	75.00	ug/L	38%		14-120	8	52
2-Chlorophenol	60.71	75.00	ug/L	81%		46-120	8	52
1,4-Dichlorobenzene	62.32	75.00	ug/L	83%		42-120	5	53
3-,4-Methylphenol	55.41	75.00	ug/L	74%		40-120	9	51
N-Nitroso-di-n-propylamine	71.03	75.00	ug/L	95%		54-121	8	52
2,4-Dimethylphenol	61.90	75.00	ug/L	83%		48-120	9	52
1,2,4-Trichlorobenzene	63.20	75.00	ug/L	84%		45-120	10	54
4-Chloro-3-methylphenol	70.32	75.00	ug/L	94%		60-121	6	47
2,4,5-Trichlorophenol	70.00	75.00	ug/L	93%		62-124	9	46
Acenaphthene	61.09	75.00	ug/L	81%		56-120	8	46
4-Nitrophenol	28.05	75.00	ug/L	37%		17-120	7	44
2,4-Dinitrotoluene	73.08	75.00	ug/L	97%		69-127	9	40
Pentachlorophenol	58.75	75.00	ug/L	78%		51-120	6	42
Pyrene	67.95	75.00	ug/L	91%		68-123	2	39
Chrysene	65.21	75.00	ug/L	87%		66-120	1	38
Benzo(b)fluoranthene	67.47	75.00	ug/L	90%		67-120	2	39
Surrogates								
2-Fluorophenol	21.98	40.00	ug/L	55%		15-120		
Phenol-d6	13.89	40.00	ug/L	35%		15-120		
2,4,6-Tribromophenol	38.38	40.00	ug/L	96%		15-140		
Nitrobenzene-d5	35.40	40.00	ug/L	89%		15-123		
2-Fluorobiphenyl	32.71	40.00	ug/L	82%		15-120		
Terphenyl-d14	36.91	40.00	ug/L	92%		15-120		

Type: Blank	Lab ID: QC1306597	Batch: 385542
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1306597 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	10/24/25	10/26/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		10/24/25	10/26/25

Type: Lab Control Sample	Lab ID: QC1306598	Batch: 385542
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1306598 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.06	10.00	ug/L	101%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.04	10.00	ug/L	100%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1306599	Batch:	385542
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1306599 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.885	10.00	ug/L	99%		79-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.04	10.00	ug/L	100%		80-120		

Type:	Blank	Lab ID:	QC1307403	Batch:	385786
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307403 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		10/27/25	10/27/25

Type:	Lab Control Sample	Lab ID:	QC1307404	Batch:	385786
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307404 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1307406	Batch:	385786
Matrix (Source ID):	Water (545177-013)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307406 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1307407	Batch:	385786
Matrix (Source ID):	Water (545177-013)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307407 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type:	Blank	Lab ID:	QC1306198	Batch:	385413
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1306198 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	10/23/25	10/23/25

Type:	Lab Control Sample	Lab ID:	QC1306199	Batch:	385413
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1306199 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.78	25.00	mg/L	95%		85-115

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1306200	Batch:	385413
Matrix (Source ID):	Water (545092-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1306200 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	46,820	32190	12500	mg/L	117%		75-125	500

Type:	Matrix Spike Duplicate	Lab ID:	QC1306201	Batch:	385413
Matrix (Source ID):	Water (545092-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1306201 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	47,930	32190	12500	mg/L	126%	*	75-125	2	25	500

Type:	Blank	Lab ID:	QC1308836	Batch:	386196
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1308836 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		11/01/25	11/01/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		11/01/25	11/01/25

Type:	Lab Control Sample	Lab ID:	QC1308837	Batch:	386196
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1308837 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	962.6	1000	mg/L	96%		90-110

Type:	Sample Duplicate	Lab ID:	QC1308838	Batch:	386196
Matrix (Source ID):	Water (545005-001)	Method:	SM2320B	Prep Method:	METHOD

QC1308838 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	358.1	354.3	mg/L		1	20	5
Alkalinity, Total as CaCO3	358.1	354.3	mg/L		1	20	5

Type:	Blank	Lab ID:	QC1307131	Batch:	385689
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1307131 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		10/26/25	10/27/25

Type:	Lab Control Sample	Lab ID:	QC1307132	Batch:	385689
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1307132 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	986.0	1000	mg/L	99%		90-110

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1307133**	**Batch:**	**385689**
Matrix (Source ID):	**Water (544943-001)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1307133 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,092	1070	mg/L		2	5	2

Type:	**Sample Duplicate**	**Lab ID:**	**QC1307134**	**Batch:**	**385689**
Matrix (Source ID):	**Water (545005-003)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1307134 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	874.0	868.0	mg/L		1	5	2

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 545005

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2510K53

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project:

Project Location:
Project Received: 10/23/2025

Analytical Report reviewed & approved for release on 10/29/2025 by:

Tracy Babjar
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510K53

Project:

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510K53

Project:

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K53
Date Received:	10/23/2025 10:15	**Extraction Method:**	RSK175
Date Prepared:	10/27/2025	**Analytical Method:**	RSK175
Project:		**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-28	2510K53-001A	Water	10/21/2025 08:38	GC26 1027250904.D	328842

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**1100**	50	1	10/27/2025 12:52

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-9	2510K53-002A	Water	10/21/2025 10:11	GC26 1027250905.D	328842

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**930**	50	1	10/27/2025 13:13

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-29	2510K53-003A	Water	10/21/2025 11:21	GC26 1027250906.D	328842

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**9200**	500	10	10/27/2025 14:43

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K53
Date Received:	10/23/2025 10:15	**Extraction Method:**	RSK175
Date Prepared:	10/27/2025	**Analytical Method:**	RSK175
Project:		**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2510K53-004A	Water	10/21/2025 12:22	GC26 1027250907.D	328842

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**37,000**	2000	40	10/27/2025 15:12

Analyst(s): CLO

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K53
Date Prepared:	10/27/2025	**BatchID:**	328842
Date Analyzed:	10/27/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:		**Sample ID:**	MB/LCS/LCSD-328842

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	190	210	187.2	100	112	70-130	11.6	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2510K53 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: ; incomingreports@enthalpy.com;
PO: 079649
Project:

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **10/23/2025**
Date Logged: **10/23/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2510K53-001	DW-28	Water	10/21/2025 08:38	☐	A	A										
2510K53-002	DW-9	Water	10/21/2025 10:11	☐	A	A										
2510K53-003	DW-29	Water	10/21/2025 11:21	☐	A	A										
2510K53-004	DW-31	Water	10/21/2025 12:22	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Danielle Wilson

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project:
Comments:

Work Order: 2510K53
QC Level: LEVEL 2
Date Logged: 10/23/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-28	Water	RSK175 (CO2)	1	VOA	☐	☐	☐	10/21/2025 8:38	5 days	10/30/2025	None	☐	☐
002A	DW-9	Water	RSK175 (CO2)	1	VOA	☐	☐	☐	10/21/2025 10:11	5 days	10/30/2025	None	☐	☐
003A	DW-29	Water	RSK175 (CO2)	1	VOA	☐	☐	☐	10/21/2025 11:21	5 days	10/30/2025	Present	☐	☐
004A	DW-31	Water	RSK175 (CO2)	1	VOA	☐	☐	☐	10/21/2025 12:22	5 days	10/30/2025	Trace	☐	☐

NOTES: *** STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).**

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2510K53

ENTHALPY ANALYTICAL
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-545005
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-28	21-OCT-2025 08:38	545005-001	1	Water	RSK-175 CO2	CO2 Only
DW-9	21-OCT-2025 10:11	545005-002	1	Water	RSK-175 CO2	CO2 Only
DW-29	21-OCT-2025 11:21	545005-003	1	Water	RSK-175 CO2	CO2 Only
DW-31	21-OCT-2025 12:22	545005-004	1	Water	RSK-175 CO2	CO2 Only

Notes:	Relinquished By:	Received By:
	Jim	GLS
	Date: 10/22/25 3pm	Date: 10/22/25
	GLS	Danielle Wilson
	Date: 10/23/25	Date: 10/23/25 1015
	Date:	Date:

1.7 wet ice
1R33

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project:

WorkOrder №: 2510K53 Matrix: Water
Carrier: Golden State Overnight

Date and Time Received: 10/23/2025 10:15
Date Logged: 10/23/2025
Received by: Danielle Wilson
Logged by: Danielle Wilson

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐
COC quote NOT expired?	Yes ☑	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 1.7°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 545029
Report Level : II
Report Date : 11/06/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	545029 GW MONITORING Chiquita Canyon Landfill 10/22/25

Sample ID	Lab ID	Collected	Matrix
DW-12	545029-001	10/22/25 08:17	Water
DW-7	545029-002	10/22/25 09:18	Water
DW-18	545029-003	10/22/25 10:20	Water
DW-21	545029-004	10/22/25 11:09	Water
PZ-4	545029-005	10/22/25 12:46	Water
QCFB	545029-006	10/22/25 08:20	Water
QCTB	545029-007	10/22/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 545029 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 10/22/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 10/23/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- 1,4-dichlorobenzene was detected between the MDL and the RL in the method blank for batch 386138; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):

- Mercury was detected between the MDL and the RL in the method blank for batch 385468; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Low recoveries were observed for chloride in the MS/MSD for batch 385440; the parent sample was not a project sample, and the LCS was within limits.
- Responses exceeding the instrument's linear range were observed for chloride in the MS/MSD for batch 385440; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):

- High RPD was observed for alkalinity, total as CaCO3 and alkalinity, bicarbonate, as CaCO3 in the SDUP for batch 386402; the parent sample was not a project sample.
- No other analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545029

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-12	10/22/25	817	W	14	var.	X	X	X	X	X	X	X	X	X
2	DW-7		918		14		X	X	X	X	X	X	X	X	X
3	DW-18		1020		15		X	X	X	X	X	X	X	X	X
4	DW-21		1109		15		X	X	X	X	X	X	X	X	X
5	PZ-4		1246		15		X	X	X	X	X	X	X	X	X
6	QCFB		820		3		X								
7	QCTB	—	—		2		X								
8															
9															
10															

Analysis Request

Test Instructions / Comments

IR16
5.7

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

Login 545029

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/22/25 14:00
[1] Received By:		Alice T	EA/NH	10/22/25 14:00
[2] Relinquished By:		Alice T	EA/NH	10/23/25 9:00
[2] Received By:		Gema O	EA/NH	10/23/25 9:00
[3] Relinquished By:		Gema O.	EA/NH	10/23/25 12:15
[3] Received By:		Nicole Mendoza	EA	10-23-25 12:15

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545029

Page: 2 of 2

Turn Around Time (rush by advanced notice only)					
Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

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(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	2-Methylphenol, 3&4-Methylphenol, Aniline, Benzyl alcohol, Phenol (8270)	Metals: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, V, Zn
1	DW-12	10/22/25	817	W	14	var.	X	X
2	DW-7		918		14		X	X
3	DW-18		1020		15		X	X
4	DW-21		1109		15		X	X
5	PZ-4		1246		15		X	X
6	QCFB		820		3			
7	QCTB	—	—		2			
8								
9								
10								

Analysis Request

Test Instructions / Comments

4.5 IR18

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Paul Chang	CEI	10/22/25 14:00
1 Received By:		Alice T	EA/NK	10/22/25 14:00
2 Relinquished By:		Alice T	EA/NK	10/23/25 9:00
2 Received By:		Gema O.	EANH	10/23/25 9:00
3 Relinquished By:		Gema O.	EANH	10/23/25 12:15
3 Received By:		Nicole Mendoza	EA	10-23-25 12:15

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/22/25 WO# 545029 Client: Chiquita Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 10/22/25 By (initials) AXT Type of ice used : ☒ Wet ☒ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 19-21/18.5 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments

☐ PM notified

Date Logged 10/22/25 By (print) AXT (sign) _____

Date Labeled ____ By (print) ____ (sign) ____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/23/25 WO# 545029 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10/23/25 By (initials) GCK Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 18 CF: +0.3

Cooler Temp (°C) #1: 5.7/5.10 #2: 4.5/4.8 #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?			
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?			
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	~~X~~
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

OMCH 10-23-25

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 10/22/25 **By (print)** AXT **(sign)** N/A

Date Labeled 10/22/25 **By (print)** AXT **(sign)** N/A

ENTHALPY ANALYTICAL

Analysis Results for 545029

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 545029
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 10/22/25

Sample ID: DW-12 **Lab ID: 545029-001** **Collected: 10/22/25 08:17**
Matrix: Water

545029-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.56**		mg/L	0.20	0.059	1	385440	10/23/25 13:35	10/23/25 15:07	AJL
Chloride	**180**		mg/L	1.0	0.26	1	385440	10/23/25 13:35	10/23/25 15:07	AJL
Bromide	**0.59**		mg/L	0.30	0.061	1	385440	10/23/25 13:35	10/23/25 15:07	AJL
Nitrogen, Nitrate	**3.6**		mg/L	0.10	0.05	1	385440	10/23/25 13:35	10/23/25 15:07	AJL
Sulfate	**290**		mg/L	10	1.8	10	385440	10/23/25 13:35	10/23/25 20:39	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	ND		mg/L	0.050	0.021	1	385450	10/23/25	10/25/25	DXC
Antimony	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/23/25	DXC
Arsenic	ND		mg/L	0.010	0.0045	1	385450	10/23/25	10/23/25	DXC
Barium	**0.016**		mg/L	0.010	0.0022	1	385450	10/23/25	10/23/25	DXC
Beryllium	ND		mg/L	0.0050	0.00017	1	385450	10/23/25	10/23/25	DXC
Boron	**0.21**		mg/L	0.050	0.0055	1	385450	10/23/25	10/23/25	DXC
Cadmium	ND		mg/L	0.0050	0.00096	1	385450	10/23/25	10/23/25	DXC
Calcium	**24**		mg/L	1.0	0.57	1	385450	10/23/25	10/23/25	DXC
Chromium	ND		mg/L	0.010	0.0023	1	385450	10/23/25	10/23/25	DXC
Cobalt	ND		mg/L	0.0050	0.0022	1	385450	10/23/25	10/23/25	DXC
Copper	ND		mg/L	0.010	0.0059	1	385450	10/23/25	10/23/25	DXC
Iron	ND		mg/L	0.10	0.046	1	385450	10/23/25	10/23/25	DXC
Lead	ND		mg/L	0.010	0.0028	1	385450	10/23/25	10/23/25	DXC
Magnesium	**3.0**		mg/L	0.10	0.025	1	385450	10/23/25	10/23/25	DXC
Manganese	ND		mg/L	0.010	0.0029	1	385450	10/23/25	10/23/25	DXC
Molybdenum	ND		mg/L	0.010	0.0040	1	385450	10/23/25	10/23/25	DXC
Nickel	ND		mg/L	0.010	0.0033	1	385450	10/23/25	10/23/25	DXC
Potassium	**1.8**		mg/L	0.50	0.40	1	385450	10/23/25	10/23/25	DXC
Selenium	**0.018**	J	mg/L	0.030	0.0082	1	385450	10/23/25	10/25/25	DXC
Silver	ND		mg/L	0.0050	0.0015	1	385450	10/23/25	10/23/25	DXC
Sodium	**290**		mg/L	0.60	0.35	1	385450	10/23/25	10/23/25	DXC
Thallium	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/23/25	DXC
Vanadium	**0.0024**	J	mg/L	0.010	0.0012	1	385450	10/23/25	10/23/25	DXC
Zinc	ND		mg/L	0.050	0.013	1	385450	10/23/25	10/23/25	DXC
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.043**	B,J	ug/L	0.40	0.032	1	385468	10/23/25	10/24/25	MLL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545029

545029-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	102%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	13	2.7	1.3	385860	10/29/25	10/29/25	TJW
Aniline	ND		ug/L	13	3.7	1.3	385860	10/29/25	10/29/25	TJW
Benzyl alcohol	ND		ug/L	32	7.5	1.3	385860	10/29/25	10/29/25	TJW
2-Methylphenol	ND		ug/L	13	4.2	1.3	385860	10/29/25	10/29/25	TJW
3-,4-Methylphenol	ND		ug/L	13	3.9	1.3	385860	10/29/25	10/29/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	48%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Phenol-d6	42%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
2,4,6-Tribromophenol	85%		%REC	15-140		1.3	385860	10/29/25	10/29/25	TJW
Nitrobenzene-d5	66%		%REC	15-123		1.3	385860	10/29/25	10/29/25	TJW
2-Fluorobiphenyl	66%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Terphenyl-d14	97%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385919	10/28/25	10/28/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.0**		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**150**		mg/L	10		5	386402	11/04/25	11/04/25	WWC
Alkalinity, Total as CaCO3	**150**		mg/L	10		5	386402	11/04/25	11/04/25	WWC
Method: SM2540C Prep Method: METHOD										

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545029

545029-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Total Dissolved Solids	**930**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545029

Sample ID: DW-7	Lab ID: 545029-002	Collected: 10/22/25 09:18
	Matrix: Water	

545029-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.16**	J	mg/L	0.20	0.059	1	385440	10/23/25 13:35	10/23/25 15:27	AJL
Chloride	**81**		mg/L	1.0	0.26	1	385440	10/23/25 13:35	10/23/25 15:27	AJL
Bromide	**0.14**	J	mg/L	0.30	0.061	1	385440	10/23/25 13:35	10/23/25 15:27	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	385440	10/23/25 13:35	10/23/25 15:27	AJL
Sulfate	**630**		mg/L	10	1.8	10	385440	10/23/25 13:35	10/23/25 20:58	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**5.0**		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	ND		mg/L	0.050	0.024	1	385450	10/23/25	10/24/25	DXC
Antimony	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Arsenic	ND		mg/L	0.010	0.0045	1	385450	10/23/25	10/24/25	DXC
Barium	**0.011**		mg/L	0.010	0.0022	1	385450	10/23/25	10/24/25	DXC
Beryllium	ND		mg/L	0.0050	0.00017	1	385450	10/23/25	10/24/25	DXC
Boron	**0.16**		mg/L	0.050	0.0055	1	385450	10/23/25	10/24/25	DXC
Cadmium	ND		mg/L	0.0050	0.00096	1	385450	10/23/25	10/24/25	DXC
Calcium	**33**		mg/L	1.0	0.57	1	385450	10/23/25	10/24/25	DXC
Chromium	ND		mg/L	0.010	0.0023	1	385450	10/23/25	10/24/25	DXC
Cobalt	ND		mg/L	0.0050	0.0022	1	385450	10/23/25	10/24/25	DXC
Copper	ND		mg/L	0.010	0.0059	1	385450	10/23/25	10/24/25	DXC
Iron	ND		mg/L	0.10	0.046	1	385450	10/23/25	10/24/25	DXC
Lead	ND		mg/L	0.010	0.0028	1	385450	10/23/25	10/24/25	DXC
Magnesium	**1.6**		mg/L	0.10	0.025	1	385450	10/23/25	10/24/25	DXC
Manganese	ND		mg/L	0.010	0.0029	1	385450	10/23/25	10/24/25	DXC
Molybdenum	ND		mg/L	0.010	0.0040	1	385450	10/23/25	10/24/25	DXC
Nickel	ND		mg/L	0.010	0.0033	1	385450	10/23/25	10/24/25	DXC
Potassium	**1.1**		mg/L	0.50	0.40	1	385450	10/23/25	10/24/25	DXC
Selenium	ND		mg/L	0.030	0.0098	1	385450	10/23/25	10/24/25	DXC
Silver	ND		mg/L	0.0050	0.0015	1	385450	10/23/25	10/24/25	DXC
Sodium	**330**		mg/L	0.60	0.35	1	385450	10/23/25	10/24/25	DXC
Thallium	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Vanadium	**0.0020**	J	mg/L	0.010	0.0012	1	385450	10/23/25	10/24/25	DXC
Zinc	ND		mg/L	0.050	0.013	1	385450	10/23/25	10/24/25	DXC
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.065**	B,J	ug/L	0.40	0.032	1	385468	10/23/25	10/24/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545029

545029-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	103%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	13	2.7	1.3	385860	10/29/25	10/29/25	TJW
Aniline	ND		ug/L	13	3.7	1.3	385860	10/29/25	10/29/25	TJW
Benzyl alcohol	ND		ug/L	32	7.4	1.3	385860	10/29/25	10/29/25	TJW
2-Methylphenol	ND		ug/L	13	4.2	1.3	385860	10/29/25	10/29/25	TJW
3-,4-Methylphenol	ND		ug/L	13	3.9	1.3	385860	10/29/25	10/29/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	51%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Phenol-d6	37%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
2,4,6-Tribromophenol	82%		%REC	15-140		1.3	385860	10/29/25	10/29/25	TJW
Nitrobenzene-d5	76%		%REC	15-123		1.3	385860	10/29/25	10/29/25	TJW
2-Fluorobiphenyl	77%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Terphenyl-d14	91%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385919	10/28/25	10/28/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**97**		mg/L	5.0		2.5	386402	11/04/25	11/04/25	WWC
Alkalinity, Total as CaCO3	**97**		mg/L	5.0		2.5	386402	11/04/25	11/04/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545029

Sample ID: DW-18	Lab ID: 545029-003	Collected: 10/22/25 10:20
	Matrix: Water	

545029-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.23**		mg/L	0.20	0.059	1	385440	10/23/25 13:35	10/23/25 15:46	AJL
Chloride	**110**		mg/L	1.0	0.26	1	385440	10/23/25 13:35	10/23/25 15:46	AJL
Bromide	**0.28**	J	mg/L	0.30	0.061	1	385440	10/23/25 13:35	10/23/25 15:46	AJL
Nitrogen, Nitrate	**2.8**		mg/L	0.10	0.05	1	385440	10/23/25 13:35	10/23/25 15:46	AJL
Sulfate	**340**		mg/L	10	1.8	10	385440	10/23/25 13:35	10/23/25 21:18	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**15**		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	ND		mg/L	0.050	0.021	1	385450	10/23/25	10/25/25	DXC
Antimony	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Arsenic	ND		mg/L	0.010	0.0045	1	385450	10/23/25	10/24/25	DXC
Barium	**0.044**		mg/L	0.010	0.0022	1	385450	10/23/25	10/24/25	DXC
Beryllium	ND		mg/L	0.0050	0.00017	1	385450	10/23/25	10/24/25	DXC
Boron	**0.35**		mg/L	0.050	0.0055	1	385450	10/23/25	10/24/25	DXC
Cadmium	ND		mg/L	0.0050	0.00096	1	385450	10/23/25	10/24/25	DXC
Calcium	**27**		mg/L	1.0	0.57	1	385450	10/23/25	10/24/25	DXC
Chromium	ND		mg/L	0.010	0.0023	1	385450	10/23/25	10/24/25	DXC
Cobalt	ND		mg/L	0.0050	0.0022	1	385450	10/23/25	10/24/25	DXC
Copper	ND		mg/L	0.010	0.0059	1	385450	10/23/25	10/24/25	DXC
Iron	ND		mg/L	0.10	0.046	1	385450	10/23/25	10/24/25	DXC
Lead	ND		mg/L	0.010	0.0028	1	385450	10/23/25	10/24/25	DXC
Magnesium	**2.2**		mg/L	0.10	0.025	1	385450	10/23/25	10/24/25	DXC
Manganese	ND		mg/L	0.010	0.0029	1	385450	10/23/25	10/24/25	DXC
Molybdenum	ND		mg/L	0.010	0.0040	1	385450	10/23/25	10/24/25	DXC
Nickel	ND		mg/L	0.010	0.0033	1	385450	10/23/25	10/24/25	DXC
Potassium	**1.5**		mg/L	0.50	0.40	1	385450	10/23/25	10/24/25	DXC
Selenium	ND		mg/L	0.030	0.0098	1	385450	10/23/25	10/24/25	DXC
Silver	ND		mg/L	0.0050	0.0015	1	385450	10/23/25	10/24/25	DXC
Sodium	**290**		mg/L	0.60	0.35	1	385450	10/23/25	10/24/25	DXC
Thallium	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Vanadium	**0.0045**	J	mg/L	0.010	0.0012	1	385450	10/23/25	10/24/25	DXC
Zinc	ND		mg/L	0.050	0.013	1	385450	10/23/25	10/24/25	DXC
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.059**	B,J	ug/L	0.40	0.032	1	385468	10/23/25	10/24/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545029

545029-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	97%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	102%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	13	2.7	1.3	385860	10/29/25	10/29/25	TJW
Aniline	ND		ug/L	13	3.6	1.3	385860	10/29/25	10/29/25	TJW
Benzyl alcohol	ND		ug/L	32	7.3	1.3	385860	10/29/25	10/29/25	TJW
2-Methylphenol	ND		ug/L	13	4.1	1.3	385860	10/29/25	10/29/25	TJW
3-,4-Methylphenol	ND		ug/L	13	3.8	1.3	385860	10/29/25	10/29/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	58%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Phenol-d6	42%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
2,4,6-Tribromophenol	104%		%REC	15-140		1.3	385860	10/29/25	10/29/25	TJW
Nitrobenzene-d5	88%		%REC	15-123		1.3	385860	10/29/25	10/29/25	TJW
2-Fluorobiphenyl	92%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Terphenyl-d14	102%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385919	10/28/25	10/28/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**3.3**		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**250**		mg/L	5.0		2.5	386402	11/04/25	11/04/25	WWC
Alkalinity, Total as CaCO3	**250**		mg/L	5.0		2.5	386402	11/04/25	11/04/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**990**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545029

Sample ID: DW-21	Lab ID: 545029-004	Collected: 10/22/25 11:09
	Matrix: Water	

545029-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.79**		mg/L	0.20	0.059	1	385440	10/23/25 13:35	10/23/25 16:06	AJL
Chloride	**53**		mg/L	1.0	0.26	1	385440	10/23/25 13:35	10/23/25 16:06	AJL
Bromide	**0.13**	J	mg/L	0.30	0.061	1	385440	10/23/25 13:35	10/23/25 16:06	AJL
Nitrogen, Nitrate	**0.09**	J	mg/L	0.10	0.05	1	385440	10/23/25 13:35	10/23/25 16:06	AJL
Sulfate	**120**		mg/L	10	1.8	10	385440	10/23/25 13:35	10/24/25 09:37	SSN
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**8.0**		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	**0.16**	B	mg/L	0.050	0.021	1	385450	10/23/25	10/25/25	DXC
Antimony	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Arsenic	**0.0073**	J	mg/L	0.010	0.0045	1	385450	10/23/25	10/24/25	DXC
Barium	ND		mg/L	0.010	0.0022	1	385450	10/23/25	10/24/25	DXC
Beryllium	ND		mg/L	0.0050	0.00017	1	385450	10/23/25	10/24/25	DXC
Boron	**0.26**		mg/L	0.050	0.0055	1	385450	10/23/25	10/24/25	DXC
Cadmium	ND		mg/L	0.0050	0.00096	1	385450	10/23/25	10/24/25	DXC
Calcium	**3.7**		mg/L	1.0	0.57	1	385450	10/23/25	10/24/25	DXC
Chromium	ND		mg/L	0.010	0.0023	1	385450	10/23/25	10/24/25	DXC
Cobalt	ND		mg/L	0.0050	0.0022	1	385450	10/23/25	10/24/25	DXC
Copper	ND		mg/L	0.010	0.0059	1	385450	10/23/25	10/24/25	DXC
Iron	**0.12**		mg/L	0.10	0.046	1	385450	10/23/25	10/24/25	DXC
Lead	ND		mg/L	0.010	0.0028	1	385450	10/23/25	10/24/25	DXC
Magnesium	**0.19**		mg/L	0.10	0.025	1	385450	10/23/25	10/24/25	DXC
Manganese	ND		mg/L	0.010	0.0029	1	385450	10/23/25	10/24/25	DXC
Molybdenum	**0.0077**	J	mg/L	0.010	0.0040	1	385450	10/23/25	10/24/25	DXC
Nickel	ND		mg/L	0.010	0.0033	1	385450	10/23/25	10/24/25	DXC
Potassium	ND		mg/L	0.50	0.40	1	385450	10/23/25	10/24/25	DXC
Selenium	ND		mg/L	0.030	0.0098	1	385450	10/23/25	10/24/25	DXC
Silver	ND		mg/L	0.0050	0.0015	1	385450	10/23/25	10/24/25	DXC
Sodium	**140**		mg/L	0.60	0.35	1	385450	10/23/25	10/24/25	DXC
Thallium	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Vanadium	**0.012**		mg/L	0.010	0.0012	1	385450	10/23/25	10/24/25	DXC
Zinc	ND		mg/L	0.050	0.013	1	385450	10/23/25	10/24/25	DXC
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.037**	B,J	ug/L	0.40	0.032	1	385468	10/23/25	10/24/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545029

545029-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	13	2.7	1.3	385860	10/29/25	10/29/25	TJW
Aniline	ND		ug/L	13	3.7	1.3	385860	10/29/25	10/29/25	TJW
Benzyl alcohol	ND		ug/L	32	7.5	1.3	385860	10/29/25	10/29/25	TJW
2-Methylphenol	ND		ug/L	13	4.2	1.3	385860	10/29/25	10/29/25	TJW
3-,4-Methylphenol	ND		ug/L	13	3.9	1.3	385860	10/29/25	10/29/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	65%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Phenol-d6	47%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
2,4,6-Tribromophenol	97%		%REC	15-140		1.3	385860	10/29/25	10/29/25	TJW
Nitrobenzene-d5	91%		%REC	15-123		1.3	385860	10/29/25	10/29/25	TJW
2-Fluorobiphenyl	90%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Terphenyl-d14	98%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385919	10/28/25	10/28/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**100**		mg/L	10		5	386402	11/04/25	11/04/25	WWC
Alkalinity, Total as CaCO3	**150**		mg/L	10		5	386402	11/04/25	11/04/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**410**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545029

Sample ID: PZ-4	Lab ID: 545029-005	Collected: 10/22/25 12:46
	Matrix: Water	

545029-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.51**		mg/L	0.20	0.059	1	385440	10/23/25 13:35	10/23/25 16:25	AJL
Chloride	**58**		mg/L	1.0	0.26	1	385440	10/23/25 13:35	10/23/25 16:25	AJL
Bromide	**0.13**	J	mg/L	0.30	0.061	1	385440	10/23/25 13:35	10/23/25 16:25	AJL
Nitrogen, Nitrate	**1.1**		mg/L	0.10	0.05	1	385440	10/23/25 13:35	10/23/25 16:25	AJL
Sulfate	**120**		mg/L	10	1.8	10	385440	10/23/25 13:35	10/23/25 22:36	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**20**		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	ND		mg/L	0.050	0.024	1	385450	10/23/25	10/24/25	DXC
Antimony	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Arsenic	ND		mg/L	0.010	0.0045	1	385450	10/23/25	10/24/25	DXC
Barium	**0.11**		mg/L	0.010	0.0022	1	385450	10/23/25	10/24/25	DXC
Beryllium	ND		mg/L	0.0050	0.00017	1	385450	10/23/25	10/24/25	DXC
Boron	**0.33**		mg/L	0.050	0.0055	1	385450	10/23/25	10/24/25	DXC
Cadmium	ND		mg/L	0.0050	0.00096	1	385450	10/23/25	10/24/25	DXC
Calcium	**52**		mg/L	1.0	0.57	1	385450	10/23/25	10/24/25	DXC
Chromium	ND		mg/L	0.010	0.0023	1	385450	10/23/25	10/24/25	DXC
Cobalt	ND		mg/L	0.0050	0.0022	1	385450	10/23/25	10/24/25	DXC
Copper	ND		mg/L	0.010	0.0059	1	385450	10/23/25	10/24/25	DXC
Iron	ND		mg/L	0.10	0.046	1	385450	10/23/25	10/24/25	DXC
Lead	ND		mg/L	0.010	0.0028	1	385450	10/23/25	10/24/25	DXC
Magnesium	**10**		mg/L	0.10	0.025	1	385450	10/23/25	10/24/25	DXC
Manganese	ND		mg/L	0.010	0.0029	1	385450	10/23/25	10/24/25	DXC
Molybdenum	ND		mg/L	0.010	0.0040	1	385450	10/23/25	10/24/25	DXC
Nickel	ND		mg/L	0.010	0.0033	1	385450	10/23/25	10/24/25	DXC
Potassium	**2.2**		mg/L	0.50	0.40	1	385450	10/23/25	10/24/25	DXC
Selenium	ND		mg/L	0.030	0.0098	1	385450	10/23/25	10/24/25	DXC
Silver	ND		mg/L	0.0050	0.0015	1	385450	10/23/25	10/24/25	DXC
Sodium	**180**		mg/L	0.60	0.35	1	385450	10/23/25	10/24/25	DXC
Thallium	ND		mg/L	0.030	0.011	1	385450	10/23/25	10/24/25	DXC
Vanadium	**0.0021**	J	mg/L	0.010	0.0012	1	385450	10/23/25	10/24/25	DXC
Zinc	**0.015**	J	mg/L	0.050	0.013	1	385450	10/23/25	10/24/25	DXC
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.050**	B,J	ug/L	0.40	0.032	1	385468	10/23/25	10/24/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**0.4**	J	ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545029

545029-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	103%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	385666	10/25/25	10/28/25	ZFA
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	13	2.7	1.3	385860	10/29/25	10/29/25	TJW
Aniline	ND		ug/L	13	3.7	1.3	385860	10/29/25	10/29/25	TJW
Benzyl alcohol	ND		ug/L	32	7.4	1.3	385860	10/29/25	10/29/25	TJW
2-Methylphenol	ND		ug/L	13	4.2	1.3	385860	10/29/25	10/29/25	TJW
3-,4-Methylphenol	ND		ug/L	13	3.9	1.3	385860	10/29/25	10/29/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	41%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Phenol-d6	31%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
2,4,6-Tribromophenol	83%		%REC	15-140		1.3	385860	10/29/25	10/29/25	TJW
Nitrobenzene-d5	59%		%REC	15-123		1.3	385860	10/29/25	10/29/25	TJW
2-Fluorobiphenyl	63%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Terphenyl-d14	86%		%REC	15-120		1.3	385860	10/29/25	10/29/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385919	10/28/25	10/28/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**6.4**		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**380**		mg/L	5.0		2.5	386402	11/04/25	11/04/25	WWC
Alkalinity, Total as CaCO3	**380**		mg/L	5.0		2.5	386402	11/04/25	11/04/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**700**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545029

Sample ID: QCFB	Lab ID: 545029-006	Collected: 10/22/25 08:20
	Matrix: Water	

545029-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	**0.9**	J	ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	103%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST

Sample ID: QCTB	Lab ID: 545029-007	Collected: 10/22/25
	Matrix: Water	

545029-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	**0.8**	J	ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1306283	Batch:	385440
Matrix (Source ID):	Water (545033-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1306283 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.13	1.060	20.00	mg/L	100%		80-129	1
Chloride	148.4	51.51	100.0	mg/L	97%		80-123	1
Bromide	14.67	0.1581	15.00	mg/L	97%		80-121	1
Nitrogen, Nitrate	13.89	5.130	9.036	mg/L	97%		80-123	1
Sulfate	75.51	27.73	50.00	mg/L	96%		79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1306284	Batch:	385440
Matrix (Source ID):	Water (545033-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1306284 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.08	1.060	20.00	mg/L	100%		80-129	0	21	1
Chloride	148.1	51.51	100.0	mg/L	97%		80-123	0	20	1
Bromide	14.62	0.1581	15.00	mg/L	96%		80-121	0	20	1
Nitrogen, Nitrate	13.86	5.130	9.036	mg/L	97%		80-123	0	20	1
Sulfate	75.29	27.73	50.00	mg/L	95%		79-124	0	20	1

Type:	Matrix Spike	Lab ID:	QC1306285	Batch:	385440
Matrix (Source ID):	Water (545043-002)	Method:	EPA 300.0	Prep Method:	METHOD

QC1306285 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.80	0.2382	20.00	mg/L	98%		80-129	1
Chloride	415.9	374.0	100.0	mg/L	42%	E,*	80-123	1
Bromide	16.24	1.885	15.00	mg/L	96%		80-121	1
Nitrogen, Nitrate	8.813	ND	9.036	mg/L	98%		80-123	1
Sulfate	688.4	985.4	50.00	mg/L	-594%	E,NM	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1306286	Batch:	385440
Matrix (Source ID):	Water (545043-002)	Method:	EPA 300.0	Prep Method:	METHOD

QC1306286 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.06	0.2382	20.00	mg/L	94%		80-129	4	21	1
Chloride	414.0	374.0	100.0	mg/L	40%	E,*	80-123		20	1
Bromide	15.67	1.885	15.00	mg/L	92%		80-121	4	20	1
Nitrogen, Nitrate	8.462	ND	9.036	mg/L	94%		80-123	4	20	1
Sulfate	688.5	985.4	50.00	mg/L	-594%	E,NM	79-124		20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1306287	Batch: 385440
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1306287 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.059	10/23/25 13:35	10/23/25 14:28
Chloride	ND		mg/L	1.0	0.26	10/23/25 13:35	10/23/25 14:28
Bromide	ND		mg/L	0.30	0.061	10/23/25 13:35	10/23/25 14:28
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	10/23/25 13:35	10/23/25 14:28
Sulfate	ND		mg/L	1.0	0.18	10/23/25 13:35	10/23/25 14:28

Type: Lab Control Sample	Lab ID: QC1306288	Batch: 385440
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1306288 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.460	10.00	mg/L	95%		90-110
Chloride	46.32	50.00	mg/L	93%		90-110
Bromide	14.75	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.397	4.518	mg/L	97%		90-110
Sulfate	24.72	25.00	mg/L	99%		90-110

Type: Blank	Lab ID: QC1309032	Batch: 386250
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1309032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	11/02/25	11/03/25

Type: Lab Control Sample	Lab ID: QC1309033	Batch: 386250
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1309033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.006	1.000	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1309046	Batch: 386250
Matrix (Source ID): Water (545005-001)	Method: EPA 350.1	Prep Method: METHOD

QC1309046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.287	0.3286	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1309047	Batch: 386250
Matrix (Source ID): Water (545005-001)	Method: EPA 350.1	Prep Method: METHOD

QC1309047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.284	0.3286	1.000	mg/L	96%		90-110	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1309048	Batch:	386250
Matrix (Source ID):	Water (545005-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309048 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9435	ND	1.000	mg/L	94%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1309049	Batch:	386250
Matrix (Source ID):	Water (545005-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309049 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9913	ND	1.000	mg/L	99%		90-110	5	20	1

Type:	Blank	Lab ID:	QC1310042	Batch:	386531
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310042 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	11/05/25	11/05/25

Type:	Lab Control Sample	Lab ID:	QC1310043	Batch:	386531
Matrix:	Water	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310043 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type:	Matrix Spike	Lab ID:	QC1310044	Batch:	386531
Matrix (Source ID):	Water (545029-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310044 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	98.00	ND	100.0	mg/L	98%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1310045	Batch:	386531
Matrix (Source ID):	Water (545029-001)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310045 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	108.0	ND	100.0	mg/L	108%		75-125	10	20	2

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1310046	Batch:	386531
Matrix (Source ID):	Water (545029-002)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	110.0	5.000	100.0	mg/L	105%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1310047	Batch:	386531
Matrix (Source ID):	Water (545029-002)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	108.0	5.000	100.0	mg/L	103%		75-125	2	20	2

Type:	Blank	Lab ID:	QC1306315	Batch:	385450
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1306315 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Aluminum	ND		mg/L	0.050	0.021	10/23/25	10/25/25
Antimony	ND		mg/L	0.030	0.011	10/23/25	10/23/25
Arsenic	ND		mg/L	0.010	0.0045	10/23/25	10/23/25
Barium	ND		mg/L	0.010	0.0022	10/23/25	10/23/25
Beryllium	ND		mg/L	0.0050	0.00017	10/23/25	10/23/25
Boron	ND		mg/L	0.050	0.0055	10/23/25	10/23/25
Cadmium	ND		mg/L	0.0050	0.00096	10/23/25	10/23/25
Calcium	ND		mg/L	1.0	0.57	10/23/25	10/23/25
Chromium	ND		mg/L	0.010	0.0023	10/23/25	10/23/25
Cobalt	ND		mg/L	0.0050	0.0022	10/23/25	10/23/25
Copper	ND		mg/L	0.010	0.0059	10/23/25	10/23/25
Iron	ND		mg/L	0.10	0.046	10/23/25	10/23/25
Lead	ND		mg/L	0.010	0.0028	10/23/25	10/23/25
Magnesium	ND		mg/L	0.10	0.025	10/23/25	10/23/25
Manganese	ND		mg/L	0.010	0.0029	10/23/25	10/23/25
Molybdenum	ND		mg/L	0.010	0.0040	10/23/25	10/23/25
Nickel	ND		mg/L	0.010	0.0033	10/23/25	10/23/25
Potassium	ND		mg/L	0.50	0.40	10/23/25	10/23/25
Selenium	ND		mg/L	0.030	0.0098	10/23/25	10/23/25
Silver	ND		mg/L	0.0050	0.0015	10/23/25	10/23/25
Sodium	ND		mg/L	0.60	0.35	10/23/25	10/23/25
Thallium	ND		mg/L	0.030	0.011	10/23/25	10/23/25
Vanadium	ND		mg/L	0.010	0.0012	10/23/25	10/23/25
Zinc	ND		mg/L	0.050	0.013	10/23/25	10/23/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1306316**	**Batch:**	**385450**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306316 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aluminum	0.3689	0.4000	mg/L	92%		80-120
Antimony	0.3675	0.4000	mg/L	92%		80-120
Arsenic	0.3556	0.4000	mg/L	89%		80-120
Barium	0.3720	0.4000	mg/L	93%		80-120
Beryllium	0.3708	0.4000	mg/L	93%		80-120
Boron	0.3615	0.4000	mg/L	90%		80-120
Cadmium	0.3691	0.4000	mg/L	92%		80-120
Calcium	18.53	20.40	mg/L	91%		80-120
Chromium	0.3654	0.4000	mg/L	91%		80-120
Cobalt	0.3646	0.4000	mg/L	91%		80-120
Copper	0.3501	0.4000	mg/L	88%		80-120
Iron	0.3769	0.4000	mg/L	94%		80-120
Lead	0.3672	0.4000	mg/L	92%		80-120
Magnesium	19.08	20.40	mg/L	94%		80-120
Manganese	0.3734	0.4000	mg/L	93%		80-120
Molybdenum	0.3633	0.4000	mg/L	91%		80-120
Nickel	0.3672	0.4000	mg/L	92%		80-120
Potassium	22.82	24.00	mg/L	95%		80-120
Selenium	0.3519	0.4000	mg/L	88%		80-120
Silver	0.1808	0.2000	mg/L	90%		80-120
Sodium	19.12	20.40	mg/L	94%		80-120
Thallium	0.3697	0.4000	mg/L	92%		80-120
Vanadium	0.3734	0.4000	mg/L	93%		80-120
Zinc	0.3899	0.4000	mg/L	97%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1306324**	**Batch:**	**385450**
Matrix (Source ID):	**Water (545029-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306324 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aluminum	0.3995	ND	0.4000	mg/L	100%		75-125	1
Antimony	0.3697	ND	0.4000	mg/L	92%		75-125	1
Arsenic	0.3576	ND	0.4000	mg/L	89%		75-125	1
Barium	0.3830	0.01551	0.4000	mg/L	92%		75-125	1
Beryllium	0.3661	ND	0.4000	mg/L	92%		75-125	1
Boron	0.5743	0.2134	0.4000	mg/L	90%		75-125	1
Cadmium	0.3648	ND	0.4000	mg/L	91%		75-125	1
Calcium	43.30	24.46	20.40	mg/L	92%		75-125	1
Chromium	0.3600	ND	0.4000	mg/L	90%		75-125	1
Cobalt	0.3681	ND	0.4000	mg/L	92%		75-125	1
Copper	0.3776	ND	0.4000	mg/L	94%		75-125	1
Iron	0.3747	ND	0.4000	mg/L	94%		75-125	1
Lead	0.3628	ND	0.4000	mg/L	91%		75-125	1
Magnesium	22.50	3.013	20.40	mg/L	96%		75-125	1
Manganese	0.3686	ND	0.4000	mg/L	92%		75-125	1
Molybdenum	0.3629	ND	0.4000	mg/L	91%		75-125	1
Nickel	0.3718	ND	0.4000	mg/L	93%		75-125	1
Potassium	25.56	1.823	24.00	mg/L	99%		75-125	1
Selenium	0.3665	0.01766	0.4000	mg/L	87%		75-125	1
Silver	0.1856	ND	0.2000	mg/L	93%		75-125	1
Sodium	307.4	288.9	20.40	mg/L	91%	NM	75-125	1
Thallium	0.3659	ND	0.4000	mg/L	91%		75-125	1
Vanadium	0.3739	0.002379	0.4000	mg/L	93%		75-125	1
Zinc	0.3938	ND	0.4000	mg/L	98%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1306325**	**Batch:**	**385450**
Matrix (Source ID):	**Water (545029-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306325 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aluminum	0.4115	ND	0.4000	mg/L	103%		75-125	3	25	1
Antimony	0.3814	ND	0.4000	mg/L	95%		75-125	3	20	1
Arsenic	0.3680	ND	0.4000	mg/L	92%		75-125	3	20	1
Barium	0.3937	0.01551	0.4000	mg/L	95%		75-125	3	20	1
Beryllium	0.3767	ND	0.4000	mg/L	94%		75-125	3	20	1
Boron	0.5856	0.2134	0.4000	mg/L	93%		75-125	2	20	1
Cadmium	0.3751	ND	0.4000	mg/L	94%		75-125	3	20	1
Calcium	43.86	24.46	20.40	mg/L	95%		75-125	1	20	1
Chromium	0.3708	ND	0.4000	mg/L	93%		75-125	3	20	1
Cobalt	0.3791	ND	0.4000	mg/L	95%		75-125	3	20	1
Copper	0.3904	ND	0.4000	mg/L	98%		75-125	3	20	1
Iron	0.3854	ND	0.4000	mg/L	96%		75-125	3	22	1
Lead	0.3731	ND	0.4000	mg/L	93%		75-125	3	20	1
Magnesium	23.13	3.013	20.40	mg/L	99%		75-125	3	20	1
Manganese	0.3800	ND	0.4000	mg/L	95%		75-125	3	20	1
Molybdenum	0.3730	ND	0.4000	mg/L	93%		75-125	3	20	1
Nickel	0.3819	ND	0.4000	mg/L	95%		75-125	3	20	1
Potassium	26.33	1.823	24.00	mg/L	102%		75-125	3	20	1
Selenium	0.3762	0.01766	0.4000	mg/L	90%		75-125	3	20	1
Silver	0.1901	ND	0.2000	mg/L	95%		75-125	2	20	1
Sodium	307.2	288.9	20.40	mg/L	90%	NM	75-125	0	20	1
Thallium	0.3769	ND	0.4000	mg/L	94%		75-125	3	20	1
Vanadium	0.3848	0.002379	0.4000	mg/L	96%		75-125	3	20	1
Zinc	0.4050	ND	0.4000	mg/L	101%		75-125	3	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Serial Dilution	Lab ID:	QC1306389	Batch:	385450
Matrix (Source ID):	Water (545204-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1306389 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Aluminum	6.644	6.828	mg/L				50
Antimony	ND	ND	mg/L				50
Arsenic	0.4115	0.3526	mg/L	J			50
Barium	3.585	3.353	mg/L				50
Beryllium	ND	0.004339	mg/L				50
Boron	83.42	79.70	mg/L				50
Cadmium	ND	ND	mg/L				50
Calcium	7,276	6809	mg/L				50
Chromium	0.4128	0.3965	mg/L	J			50
Cobalt	ND	ND	mg/L				50
Copper	ND	ND	mg/L				50
Iron	820.0	749.9	mg/L				50
Lead	ND	ND	mg/L				50
Magnesium	759.9	719.5	mg/L				50
Manganese	42.03	39.14	mg/L				50
Molybdenum	ND	ND	mg/L				50
Nickel	ND	0.1213	mg/L				50
Potassium	1,549	1570	mg/L				50
Selenium	ND	ND	mg/L				50
Silver	ND	ND	mg/L				50
Sodium	5,063	4748	mg/L				50
Thallium	ND	ND	mg/L				50
Vanadium	0.1559	0.1338	mg/L	J			50
Zinc	2.492	2.283	mg/L	J			50

Type:	Blank	Lab ID:	QC1306360	Batch:	385468
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306360 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	0.040	J	ug/L	0.40	0.032	10/23/25	10/24/25

Type:	Lab Control Sample	Lab ID:	QC1306361	Batch:	385468
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306361 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.292	5.000	ug/L	106%		80-120

Type:	Matrix Spike	Lab ID:	QC1306362	Batch:	385468
Matrix (Source ID):	Water (545204-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306362 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1,013	15.86	1000	ug/L	100%		75-125	200

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1306363	Batch:	385468
Matrix (Source ID):	Water (545204-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306363 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	998.0	15.86	1000	ug/L	98%		75-125	2	20	200

Type:	Lab Control Sample	Lab ID:	QC1308600	Batch:	386138
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1308600 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	58.30	50.00	ug/L	117%		69-128
MTBE	59.37	50.00	ug/L	119%		66-125
Benzene	49.38	50.00	ug/L	99%		76-121
Trichloroethene	52.36	50.00	ug/L	105%		76-124
Toluene	50.69	50.00	ug/L	101%		76-120
Chlorobenzene	50.76	50.00	ug/L	102%		78-120
Surrogates						
Dibromofluoromethane	52.16	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	53.30	50.00	ug/L	107%		70-130
Toluene-d8	49.84	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.78	50.00	ug/L	100%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1308601	Batch:	386138
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1308601 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.68	50.00	ug/L	111%		69-128	5	23
MTBE	56.00	50.00	ug/L	112%		66-125	6	22
Benzene	48.37	50.00	ug/L	97%		76-121	2	21
Trichloroethene	50.51	50.00	ug/L	101%		76-124	4	22
Toluene	49.51	50.00	ug/L	99%		76-120	2	21
Chlorobenzene	50.38	50.00	ug/L	101%		78-120	1	20
Surrogates								
Dibromofluoromethane	52.48	50.00	ug/L	105%		70-130		
1,2-Dichloroethane-d4	52.75	50.00	ug/L	106%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.55	50.00	ug/L	99%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1308603**	**Batch: 386138**
Matrix: Water	**Method: EPA 8260B**	**Prep Method: EPA 5030B**

QC1308603 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.08	10/31/25	10/31/25
Chloromethane	ND		ug/L	1.0	0.09	10/31/25	10/31/25
Vinyl Chloride	ND		ug/L	0.5	0.06	10/31/25	10/31/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	10/31/25	10/31/25
Methylene Chloride	ND		ug/L	10	0.2	10/31/25	10/31/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	10/31/25	10/31/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	10/31/25	10/31/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	10/31/25	10/31/25
Benzene	ND		ug/L	0.5	0.03	10/31/25	10/31/25
Trichloroethene	ND		ug/L	0.5	0.05	10/31/25	10/31/25
Tetrachloroethene	ND		ug/L	0.5	0.1	10/31/25	10/31/25
1,4-Dichlorobenzene	0.1	J	ug/L	0.5	0.09	10/31/25	10/31/25
Surrogates				**Limits**			
Dibromofluoromethane	103%		%REC	70-130		10/31/25	10/31/25
1,2-Dichloroethane-d4	98%		%REC	70-130		10/31/25	10/31/25
Toluene-d8	101%		%REC	70-130		10/31/25	10/31/25
Bromofluorobenzene	100%		%REC	70-130		10/31/25	10/31/25

Type: Matrix Spike	**Lab ID: QC1308718**	**Batch: 386138**
Matrix (Source ID): Water (545199-005)	**Method: EPA 8260B**	**Prep Method: EPA 5030B**

QC1308718 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.89	0.4421	20.00	ug/L	82%		62-131	1
MTBE	15.80	ND	20.00	ug/L	79%		61-124	1
Benzene	15.62	1.663	20.00	ug/L	70%		70-123	1
Trichloroethene	17.02	1.494	20.00	ug/L	78%		65-131	1
Toluene	15.46	0.2127	20.00	ug/L	76%		69-120	1
Chlorobenzene	15.39	ND	20.00	ug/L	77%		72-121	1
Surrogates								
Dibromofluoromethane	52.03		50.00	ug/L	104%		70-130	1
1,2-Dichloroethane-d4	49.91		50.00	ug/L	100%		70-130	1
Toluene-d8	51.47		50.00	ug/L	103%		70-130	1
Bromofluorobenzene	49.65		50.00	ug/L	99%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1308719	Batch:	386138
Matrix (Source ID):	Water (545199-005)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1308719 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	17.94	0.4421	20.00	ug/L	88%		62-131	6	31	1
MTBE	16.42	ND	20.00	ug/L	82%		61-124	4	30	1
Benzene	15.99	1.663	20.00	ug/L	72%		70-123	2	31	1
Trichloroethene	17.22	1.494	20.00	ug/L	79%		65-131	1	31	1
Toluene	16.03	0.2127	20.00	ug/L	79%		69-120	4	29	1
Chlorobenzene	15.56	ND	20.00	ug/L	78%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	52.34		50.00	ug/L	105%		70-130			1
1,2-Dichloroethane-d4	50.87		50.00	ug/L	102%		70-130			1
Toluene-d8	50.74		50.00	ug/L	101%		70-130			1
Bromofluorobenzene	49.69		50.00	ug/L	99%		70-130			1

Type:	Blank	Lab ID:	QC1307635	Batch:	385860
Matrix:	Water	Method:	EPA 8270C	Prep Method:	EPA 3510C

QC1307635 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Phenol	ND		ug/L	10	2.1	10/28/25	10/29/25
Aniline	ND		ug/L	10	2.8	10/28/25	10/29/25
Benzyl alcohol	ND		ug/L	25	5.8	10/28/25	10/29/25
2-Methylphenol	ND		ug/L	10	3.2	10/28/25	10/29/25
3-,4-Methylphenol	ND		ug/L	10	3.0	10/28/25	10/29/25
Surrogates				**Limits**			
2-Fluorophenol	39%		%REC	15-120		10/28/25	10/29/25
Phenol-d6	26%		%REC	15-120		10/28/25	10/29/25
2,4,6-Tribromophenol	61%		%REC	15-140		10/28/25	10/29/25
Nitrobenzene-d5	60%		%REC	15-123		10/28/25	10/29/25
2-Fluorobiphenyl	60%		%REC	15-120		10/28/25	10/29/25
Terphenyl-d14	64%		%REC	15-120		10/28/25	10/29/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1307636**	**Batch:**	**385860**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1307636 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	25.88	75.00	ug/L	35%		14-120
2-Chlorophenol	50.02	75.00	ug/L	67%		46-120
1,4-Dichlorobenzene	42.50	75.00	ug/L	57%		42-120
3-,4-Methylphenol	50.87	75.00	ug/L	68%		40-120
N-Nitroso-di-n-propylamine	58.99	75.00	ug/L	79%		54-121
2,4-Dimethylphenol	55.56	75.00	ug/L	74%		48-120
1,2,4-Trichlorobenzene	48.42	75.00	ug/L	65%		45-120
4-Chloro-3-methylphenol	63.14	75.00	ug/L	84%		60-121
2,4,5-Trichlorophenol	62.74	75.00	ug/L	84%		62-124
Acenaphthene	48.92	75.00	ug/L	65%		56-120
4-Nitrophenol	30.57	75.00	ug/L	41%		17-120
2,4-Dinitrotoluene	65.32	75.00	ug/L	87%		69-127
Pentachlorophenol	54.50	75.00	ug/L	73%		51-120
Pyrene	58.36	75.00	ug/L	78%		68-123
Chrysene	56.58	75.00	ug/L	75%		66-120
Benzo(b)fluoranthene	59.36	75.00	ug/L	79%		67-120
Surrogates						
2-Fluorophenol	18.32	40.00	ug/L	46%		15-120
Phenol-d6	12.76	40.00	ug/L	32%		15-120
2,4,6-Tribromophenol	30.52	40.00	ug/L	76%		15-140
Nitrobenzene-d5	26.83	40.00	ug/L	67%		15-123
2-Fluorobiphenyl	26.06	40.00	ug/L	65%		15-120
Terphenyl-d14	29.41	40.00	ug/L	74%		15-120

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1307637	Batch: 385860
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1307637 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Phenol	30.69	75.00	ug/L	41%		14-120	17	52
2-Chlorophenol	46.60	75.00	ug/L	62%		46-120	7	52
1,4-Dichlorobenzene	40.04	75.00	ug/L	53%		42-120	6	53
3-,4-Methylphenol	47.82	75.00	ug/L	64%		40-120	6	51
N-Nitroso-di-n-propylamine	56.61	75.00	ug/L	75%		54-121	4	52
2,4-Dimethylphenol	51.60	75.00	ug/L	69%		48-120	7	52
1,2,4-Trichlorobenzene	45.77	75.00	ug/L	61%		45-120	6	54
4-Chloro-3-methylphenol	59.48	75.00	ug/L	79%		60-121	6	47
2,4,5-Trichlorophenol	57.76	75.00	ug/L	77%		62-124	8	46
Acenaphthene	45.72	75.00	ug/L	61%		56-120	7	46
4-Nitrophenol	29.01	75.00	ug/L	39%		17-120	5	44
2,4-Dinitrotoluene	63.42	75.00	ug/L	85%		69-127	3	40
Pentachlorophenol	52.34	75.00	ug/L	70%		51-120	4	42
Pyrene	55.11	75.00	ug/L	73%		68-123	6	39
Chrysene	54.39	75.00	ug/L	73%		66-120	4	38
Benzo(b)fluoranthene	55.63	75.00	ug/L	74%		67-120	6	39
Surrogates								
2-Fluorophenol	17.53	40.00	ug/L	44%		15-120		
Phenol-d6	12.49	40.00	ug/L	31%		15-120		
2,4,6-Tribromophenol	28.64	40.00	ug/L	72%		15-140		
Nitrobenzene-d5	25.98	40.00	ug/L	65%		15-123		
2-Fluorobiphenyl	24.04	40.00	ug/L	60%		15-120		
Terphenyl-d14	27.71	40.00	ug/L	69%		15-120		

Type: Blank	Lab ID: QC1307046	Batch: 385666
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1307046 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	10/25/25	10/28/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		10/25/25	10/28/25

Type: Lab Control Sample	Lab ID: QC1307047	Batch: 385666
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1307047 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.57	10.00	ug/L	106%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.08	10.00	ug/L	101%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1307048	Batch:	385666
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1307048 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.29	10.00	ug/L	103%		79-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.922	10.00	ug/L	99%		80-120		

Type:	Blank	Lab ID:	QC1307817	Batch:	385919
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307817 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		10/28/25	10/28/25

Type:	Lab Control Sample	Lab ID:	QC1307818	Batch:	385919
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307818 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1307819	Batch:	385919
Matrix (Source ID):	Water (545029-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307819 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1307820	Batch:	385919
Matrix (Source ID):	Water (545029-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1307820 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type:	Blank	Lab ID:	QC1307104	Batch:	385682
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307104 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	10/26/25	10/26/25

Type:	Lab Control Sample	Lab ID:	QC1307105	Batch:	385682
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307105 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.67	25.00	mg/L	99%		85-115

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1307106	Batch:	385682
Matrix (Source ID):	Water (545029-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307106 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.88	1.970	25.00	mg/L	108%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1307107	Batch:	385682
Matrix (Source ID):	Water (545029-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307107 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	28.64	1.970	25.00	mg/L	107%		75-125	1	25	1

Type:	Blank	Lab ID:	QC1309604	Batch:	386402
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1309604 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		11/04/25	11/04/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		11/04/25	11/04/25

Type:	Lab Control Sample	Lab ID:	QC1309605	Batch:	386402
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1309605 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	958.2	1000	mg/L	96%		90-110

Type:	Sample Duplicate	Lab ID:	QC1309606	Batch:	386402
Matrix (Source ID):	Water (545537-002)	Method:	SM2320B	Prep Method:	METHOD

QC1309606 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	157.2	339.4	mg/L		73*	20	5
Alkalinity, Total as CaCO3	157.2	339.4	mg/L		73*	20	5

Type:	Sample Duplicate	Lab ID:	QC1309688	Batch:	386402
Matrix (Source ID):	Water (545029-001)	Method:	SM2320B	Prep Method:	METHOD

QC1309688 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	157.2	151.7	mg/L		4	20	5
Alkalinity, Total as CaCO3	157.2	151.7	mg/L		4	20	5

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Batch QC

Type: Blank	**Lab ID:** QC1307711	**Batch:** 385882
Matrix: Water	**Method:** SM2540C	**Prep Method:** METHOD

QC1307711 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		10/28/25	10/29/25

Type: Lab Control Sample	**Lab ID:** QC1307712	**Batch:** 385882
Matrix: Water	**Method:** SM2540C	**Prep Method:** METHOD

QC1307712 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,006	1000	mg/L	101%		90-110

Type: Sample Duplicate	**Lab ID:** QC1307713	**Batch:** 385882
Matrix (Source ID): Water (545029-001)	**Method:** SM2540C	**Prep Method:** METHOD

QC1307713 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	950.0	930.0	mg/L		2	5	2

Type: Sample Duplicate	**Lab ID:** QC1307714	**Batch:** 385882
Matrix (Source ID): Water (545089-004)	**Method:** SM2540C	**Prep Method:** METHOD

QC1307714 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	926.0	910.0	mg/L		2	5	2

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 545029

Subcontracted Products

McCampbell Analytical, Inc.

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"When Quality Counts"

Analytical Report

WorkOrder: 2510K56

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project:

Project Location:
Project Received: 10/23/2025

Analytical Report reviewed & approved for release on 10/29/2025 by:

Ana Venegas
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510K56

Project:

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510K56

Project:

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K56
Date Received:	10/23/2025 10:15	**Extraction Method:**	RSK175
Date Prepared:	10/27/2025-10/28/2025	**Analytical Method:**	RSK175
Project:		**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2510K56-001A	Water	10/22/2025 08:17	GC26 1027250908.D	328842

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**1200**	50	1	10/27/2025 15:59

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2510K56-002A	Water	10/22/2025 09:18	GC26 1027250909.D	328842

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**530**	50	1	10/27/2025 16:12

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2510K56-003A	Water	10/22/2025 10:20	GC26 1027250910.D	328842

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**3500**	200	4	10/27/2025 16:56

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K56
Date Received:	10/23/2025 10:15	**Extraction Method:**	RSK175
Date Prepared:	10/27/2025-10/28/2025	**Analytical Method:**	RSK175
Project:		**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2510K56-004A	Water	10/22/2025 11:09	GC26 1028250904.D	328937

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**370**	50	1	10/28/2025 10:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
PZ-4	2510K56-005A	Water	10/22/2025 12:46	GC26 1028250905.D	328937

Analytes	Result	RL	DF	Date Analyzed
Carbon Dioxide	**11,000**	500	10	10/28/2025 12:13

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K56
Date Prepared:	10/27/2025	**BatchID:**	328842
Date Analyzed:	10/27/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:		**Sample ID:**	MB/LCS/LCSD-328842

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	190	210	187.2	100	112	70-130	11.6	30

(Cont.)

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K56
Date Prepared:	10/28/2025	**BatchID:**	328937
Date Analyzed:	10/28/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:		**Sample ID:**	MB/LCS/LCSD-328937

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	160	187.2	73	87	70-130	18.4	30

McCampbell Analytical, Inc.
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Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2510K56 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: ; incomingreports@enthalpy.com;
PO: 079649
Project:

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **10/23/2025**
Date Logged: **10/23/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2510K56-001	DW-12	Water	10/22/2025 08:17	☐	A	A										
2510K56-002	DW-7	Water	10/22/2025 09:18	☐	A	A										
2510K56-003	DW-18	Water	10/22/2025 10:20	☐	A	A										
2510K56-004	DW-21	Water	10/22/2025 11:09	☐	A	A										
2510K56-005	PZ-4	Water	10/22/2025 12:46	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Danielle Wilson

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project:
Comments:

Work Order: 2510K56
QC Level: LEVEL 2
Date Logged: 10/23/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	1	VOA	☐	☐	☐	10/22/2025 8:17	5 days	10/30/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	1	VOA	☐	☐	☐	10/22/2025 9:18	5 days	10/30/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	2	VOA	☐	☐	☐	10/22/2025 10:20	5 days	10/30/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	2	VOA	☐	☐	☐	10/22/2025 11:09	5 days	10/30/2025	None	☐	☐
005A	PZ-4	Water	RSK175 (CO2)	2	VOA	☐	☐	☐	10/22/2025 12:46	5 days	10/30/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2510K56

ENTHALPY ANALYTICAL
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-545029
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-12	22-OCT-2025 08:17	545029-001	1	Water	RSK-175 CO2	
DW-7	22-OCT-2025 09:18	545029-002	1	Water	RSK-175 CO2	
DW-18	22-OCT-2025 10:20	545029-003	2	Water	RSK-175 CO2	
DW-21	22-OCT-2025 11:09	545029-004	2	Water	RSK-175 CO2	
PZ-4	22-OCT-2025 12:46	545029-005	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
		GLS
	Date: 10/22/25	Date: 10/22/25
	GLS	Danielle Wilson
	Date: 10/23/25	Date: 10/23/25 1015
	Date:	Date:

1.7 wet ice
IR33

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project:

WorkOrder №: 2510K56 Matrix: Water
Carrier: Golden State Overnight

Date and Time Received: 10/23/2025 10:15
Date Logged: 10/23/2025
Received by: Danielle Wilson
Logged by: Danielle Wilson

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐
COC quote NOT expired?	Yes ☑	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 1.7°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number	:	545072
Report Level	:	II
Report Date	:	11/06/2025
Revision	:	**1 (See narrative)**

Analytical Report *prepared for:*

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Location: Chiquita Canyon Sampling / RM22.1077.00\Ph13

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 545072
Location: Chiquita Canyon Sampling / RM22.1077.00\Ph13
Date Received: 10/22/25

Sample ID	Lab ID	Collected	Matrix
FP-01	545072-001	10/22/25 10:18	Water
QCAB	545072-002	10/22/25 00:00	Water
QCTB	545072-003	10/22/25 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

RMC Geoscience 775 Baywood Drive Suite 305 Petaluma, CA 94954 Adrienne Thibeault	Lab Job Number: 545072 Location: Chiquita Canyon Sampling / RM22.1077.00\Ph13 Date Received: 10/22/25

- This data package contains sample and QC results for three water samples, requested for the above referenced project on 10/22/25. The samples were received in good condition.
- This report was revised on 11/06/25 to remove 8260 compounds which are not part of the client's target list.

Volatile Organics by GC/MS (EPA 8260B):

- FP-01 (lab # 545072-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

- High recovery was observed for total organic carbon in the MSD for batch 385413; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):

- Low recoveries were observed for antimony in the MS/MSD of FP-01 (lab # 545072-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

① ABD 10/22/25

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: ① 544 545072

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water
DW = Drinking Wate SD = Sediment PP = Pure
Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3
4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:
IR 15 +0.4 ice
0.4/0.8 no bag
(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Geo-Logic Associates	Quote #:	
Report To:	Adrienne Thibeault	Project Name:	**Chiquita Canyon Sampling**
Email:	athibeault@geo-logic.com	Project #:	RM22.1077.00\ Ph 13
Address:	2777 E Guasti Rd UNIT 1	P.O. #:	
	Ontario, CA 91761	Address:	
Phone:	(909) 677-1093	Global ID:	L0003464243
Fax:		Sampled By:	J. Rekstad

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	1,4-Dioxane (EPA 8270C-SIM)	Bicarbonate (as CaCO3), Total Alkalinity (as CaCO3)	Ammonia -N (EPA 350.1)	Carbon Dioxide (total) (RSK-175)	Chemcial Oxygen Demand (EPA 410.4)	Bromide, Chloride, Fluoride, Nitrate-N, Sulfate (EPA 300.0)	Sulfide (SM 4500-S2-D), TOC (SM 5310B)	TDS (SM 2540C)	8260 VOCs (Appx I & Appx II) + DCDFM [low level method]	Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B)	Test Instructions / Comments
1	FP-01	10.22.25	1018	Water	18		X	X	X	X	X	X	X	X	X	X	
2	QCAB	10.22.25	—	Water	3										X		
3	QCTB	10.22.25	—	Water	2										X		
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Login 545072

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jesse Rekstad	GLA / Field Tech	10.22.25 1258
[1] Received By:		Anna Roberts	GLA	10.22.25 12:58
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545072

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Geo-Logic Associates	Quote #:	
Report To:	Adrienne Thibeault	Project Name:	**Chiquita Canyon Sampling**
Email:	athibeault@geo-logic.com	Project #:	RM22.1077.00\ Ph 13
Address:	2777 E Guasti Rd UNIT 1	P.O. #:	
	Ontario, CA 91761	Address:	
Phone:	(909) 677-1093	Global ID:	L0003464243
Fax:		Sampled By:	J. Rekstad

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 2-Methylphenol, 3&4-Methylphenol, Aniline, Benzyl alcohol, Phenol (8270)	Analysis Request: Metals: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, V, Zn	Test Instructions / Comments
1	FP-01	10.22.25	1018	Water	18		X	X	
2	QCAB	10.22.25	-	Water	3				
3	QCTB	10.22.25	-	Water	2				
4									
5									
6									
7									
8									
9									
10									

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Jesse Rekstad	GLA / field Tech	10.22.25 1258
[1] Received By:		Anna Roberts	EA	10.22.25 12:58
[2] Relinquished By:				
[2] Received By:				
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/22/25 WO# 545072 Client: Geo-Logic

Section 2: Shipping / Custody **Are custody seals present?** ☐ **Yes** ☒ **No**

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ■ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10/22/25 By (initials) AGR Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

■ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR15 CF: +0.4

Cooler Temp (°C) #1: 0.4 / 0.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?			
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 10/22/25 **By (print)** ABD **(sign)** Acknowledged

Date Labeled 10/22/25 **By (print)** AGR **(sign)** Added for AGR

ENTHALPY ANALYTICAL

Analysis Results for 545072

Adrienne Thibeault
RMC Geoscience
775 Baywood Drive
Suite 305
Petaluma, CA 94954

Lab Job #: 545072
Location: Chiquita Canyon Sampling / RM22.1077.00\Ph13
Date Received: 10/22/25

Sample ID: FP-01 **Lab ID: 545072-001** **Collected: 10/22/25 10:18**
Matrix: Water

545072-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.30**		mg/L	0.20	0.059	1	385331	10/22/25 15:20	10/22/25 18:49	SSN
Chloride	**100**		mg/L	1.0	0.26	1	385331	10/22/25 15:20	10/22/25 18:49	SSN
Bromide	**0.44**		mg/L	0.30	0.061	1	385331	10/22/25 15:20	10/22/25 18:49	SSN
Nitrogen, Nitrate	**0.06**	J	mg/L	0.10	0.05	1	385331	10/22/25 15:20	10/22/25 18:49	SSN
Sulfate	**380**		mg/L	10	1.8	10	385331	10/22/25 15:20	10/22/25 19:47	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.051**	J	mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**11**		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385540	10/24/25	10/24/25	SBW
Arsenic	**0.015**		mg/L	0.010	0.0045	1	385540	10/24/25	10/24/25	SBW
Barium	**0.34**		mg/L	0.010	0.0022	1	385540	10/24/25	10/24/25	SBW
Beryllium	**0.0015**	J	mg/L	0.0050	0.00017	1	385540	10/24/25	10/24/25	SBW
Boron	**0.42**		mg/L	0.050	0.0055	1	385540	10/24/25	10/24/25	SBW
Cadmium	ND		mg/L	0.0050	0.00096	1	385540	10/24/25	10/24/25	SBW
Calcium	**260**		mg/L	1.0	0.57	1	385540	10/24/25	10/24/25	SBW
Chromium	**0.054**		mg/L	0.010	0.0023	1	385540	10/24/25	10/24/25	SBW
Cobalt	**0.019**		mg/L	0.0050	0.0022	1	385540	10/24/25	10/24/25	SBW
Copper	**0.065**		mg/L	0.010	0.0059	1	385540	10/24/25	10/24/25	SBW
Iron	**49**		mg/L	1.0	0.41	10	385540	10/24/25	10/24/25	SBW
Lead	**0.023**		mg/L	0.010	0.0028	1	385540	10/24/25	10/24/25	SBW
Magnesium	**44**		mg/L	0.10	0.025	1	385540	10/24/25	10/24/25	SBW
Manganese	**1.8**		mg/L	0.010	0.0029	1	385540	10/24/25	10/24/25	SBW
Nickel	**0.042**		mg/L	0.010	0.0033	1	385540	10/24/25	10/24/25	SBW
Potassium	**8.1**		mg/L	0.50	0.40	1	385540	10/24/25	10/24/25	SBW
Selenium	ND		mg/L	0.030	0.0098	1	385540	10/24/25	10/24/25	SBW
Silver	ND		mg/L	0.0050	0.0015	1	385540	10/24/25	10/24/25	SBW
Sodium	**130**		mg/L	0.60	0.35	1	385540	10/24/25	10/24/25	SBW
Thallium	ND		mg/L	0.030	0.011	1	385540	10/24/25	10/24/25	SBW
Vanadium	**0.10**		mg/L	0.010	0.0012	1	385540	10/24/25	10/24/25	SBW
Zinc	**0.12**		mg/L	0.050	0.013	1	385540	10/24/25	10/24/25	SBW
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.48**		ug/L	0.40	0.032	1	385527	10/24/25	10/24/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545072

545072-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Freon 12	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
Chloromethane	ND		ug/L	0.5	0.09	1	385402	10/23/25	10/23/25	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
Methylene Chloride	ND		ug/L	5.0	0.2	1	385402	10/23/25	10/23/25	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	385402	10/23/25	10/23/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
Benzene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN
Toluene-d8	97%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN
Bromofluorobenzene	102%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**5.7**		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	10	2.1	1	385860	10/29/25	10/29/25	TJW
Aniline	ND		ug/L	10	2.9	1	385860	10/29/25	10/29/25	TJW
Benzyl alcohol	ND		ug/L	25	5.8	1	385860	10/29/25	10/29/25	TJW
2-Methylphenol	ND		ug/L	10	3.3	1	385860	10/29/25	10/29/25	TJW
3-,4-Methylphenol	ND		ug/L	10	3.0	1	385860	10/29/25	10/29/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	57%		%REC	15-120		1	385860	10/29/25	10/29/25	TJW
Phenol-d6	40%		%REC	15-120		1	385860	10/29/25	10/29/25	TJW
2,4,6-Tribromophenol	109%		%REC	15-140		1	385860	10/29/25	10/29/25	TJW
Nitrobenzene-d5	96%		%REC	15-123		1	385860	10/29/25	10/29/25	TJW
2-Fluorobiphenyl	95%		%REC	15-120		1	385860	10/29/25	10/29/25	TJW
Terphenyl-d14	103%		%REC	15-120		1	385860	10/29/25	10/29/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	385919	10/28/25	10/28/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**15**		mg/L	1.0	0.49	1	385413	10/23/25	10/23/25	CKN
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**360**		mg/L	10		5	385566	10/25/25	10/25/25	ARM
Alkalinity, Total as CaCO3	**360**		mg/L	10		5	385566	10/25/25	10/25/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	385806	10/27/25	10/28/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545072

Sample ID: QCAB	Lab ID: 545072-002	Collected: 10/22/25
	Matrix: Water	

545072-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
Chloromethane	ND		ug/L	0.5	0.09	1	385402	10/23/25	10/23/25	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
Methylene Chloride	**0.4**	J	ug/L	5.0	0.2	1	385402	10/23/25	10/23/25	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	385402	10/23/25	10/23/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
Benzene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	105%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN
1,2-Dichloroethane-d4	99%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN
Toluene-d8	100%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN
Bromofluorobenzene	100%		%REC	70-130		1	385402	10/23/25	10/23/25	HMN

Sample ID: QCTB	Lab ID: 545072-003	Collected: 10/22/25
	Matrix: Water	

545072-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	EJB
Chloromethane	ND		ug/L	0.5	0.09	1	385402	10/23/25	10/23/25	EJB
Vinyl Chloride	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	EJB
Methylene Chloride	**0.8**	J	ug/L	5.0	0.2	1	385402	10/23/25	10/23/25	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	385402	10/23/25	10/23/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	EJB
Benzene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	EJB
Trichloroethene	ND		ug/L	0.5	0.1	1	385402	10/23/25	10/23/25	EJB
Tetrachloroethene	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	385402	10/23/25	10/23/25	EJB
Surrogates				**Limits**						
Dibromofluoromethane	107%		%REC	70-130		1	385402	10/23/25	10/23/25	EJB
1,2-Dichloroethane-d4	101%		%REC	70-130		1	385402	10/23/25	10/23/25	EJB
Toluene-d8	99%		%REC	70-130		1	385402	10/23/25	10/23/25	EJB
Bromofluorobenzene	99%		%REC	70-130		1	385402	10/23/25	10/23/25	EJB

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1305921**	**Batch:**	**385331**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305921 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.059	10/22/25 15:20	10/22/25 16:52
Chloride	ND		mg/L	1.0	0.26	10/22/25 15:20	10/22/25 16:52
Bromide	ND		mg/L	0.30	0.061	10/22/25 15:20	10/22/25 16:52
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	10/22/25 15:20	10/22/25 16:52
Sulfate	ND		mg/L	1.0	0.18	10/22/25 15:20	10/22/25 16:52

Type:	**Lab Control Sample**	**Lab ID:**	**QC1305922**	**Batch:**	**385331**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305922 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.595	10.00	mg/L	96%		90-110
Chloride	48.32	50.00	mg/L	97%		90-110
Bromide	15.38	15.00	mg/L	103%		90-110
Nitrogen, Nitrate	4.652	4.518	mg/L	103%		90-110
Sulfate	25.76	25.00	mg/L	103%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1305923**	**Batch:**	**385331**
Matrix (Source ID):	**Water (545049-003)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305923 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.32	1.063	20.00	mg/L	111%		80-129	1
Chloride	165.7	64.70	100.0	mg/L	101%		80-123	1
Bromide	15.78	0.3076	15.00	mg/L	103%		80-121	1
Nitrogen, Nitrate	9.397	ND	9.036	mg/L	104%		80-123	1
Sulfate	62.74	12.24	50.00	mg/L	101%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1305924**	**Batch:**	**385331**
Matrix (Source ID):	**Water (545049-003)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1305924 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.58	1.063	20.00	mg/L	113%		80-129	1	21	1
Chloride	166.5	64.70	100.0	mg/L	102%		80-123	0	20	1
Bromide	15.91	0.3076	15.00	mg/L	104%		80-121	1	20	1
Nitrogen, Nitrate	9.517	ND	9.036	mg/L	105%		80-123	1	20	1
Sulfate	63.21	12.24	50.00	mg/L	102%		79-124	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1305925	Batch:	385331
Matrix (Source ID):	Water (545099-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1305925 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.71	1.146	20.00	mg/L	103%		80-129	1
Chloride	187.7	91.11	100.0	mg/L	97%		80-123	1
Bromide	15.92	0.4412	15.00	mg/L	103%		80-121	1
Nitrogen, Nitrate	9.483	ND	9.036	mg/L	105%		80-123	1
Sulfate	52.05	ND	50.00	mg/L	104%		79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1305926	Batch:	385331
Matrix (Source ID):	Water (545099-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1305926 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	21.79	1.146	20.00	mg/L	103%		80-129	0	21	1
Chloride	188.1	91.11	100.0	mg/L	97%		80-123	0	20	1
Bromide	15.98	0.4412	15.00	mg/L	104%		80-121	0	20	1
Nitrogen, Nitrate	9.504	ND	9.036	mg/L	105%		80-123	0	20	1
Sulfate	52.41	ND	50.00	mg/L	105%		79-124	1	20	1

Type:	Blank	Lab ID:	QC1309032	Batch:	386250
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1309032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	11/02/25	11/03/25

Type:	Lab Control Sample	Lab ID:	QC1309033	Batch:	386250
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1309033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.006	1.000	mg/L	101%		90-110

Type:	Matrix Spike	Lab ID:	QC1309046	Batch:	386250
Matrix (Source ID):	Water (545005-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.287	0.3286	1.000	mg/L	96%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1309047	Batch:	386250
Matrix (Source ID):	Water (545005-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.284	0.3286	1.000	mg/L	96%		90-110	0	20	1

Type:	Matrix Spike	Lab ID:	QC1309048	Batch:	386250
Matrix (Source ID):	Water (545005-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309048 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9435	ND	1.000	mg/L	94%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1309049	Batch:	386250
Matrix (Source ID):	Water (545005-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309049 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9913	ND	1.000	mg/L	99%		90-110	5	20	1

Type:	Blank	Lab ID:	QC1307411	Batch:	385790
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1307411 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	10/27/25	10/27/25

Type:	Lab Control Sample	Lab ID:	QC1307412	Batch:	385790
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1307412 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	101.0	100.0	mg/L	101%		90-110

Type:	Matrix Spike	Lab ID:	QC1307413	Batch:	385790
Matrix (Source ID):	Water (545005-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1307413 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	108.0	7.000	100.0	mg/L	101%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307414**	**Batch:**	**385790**
Matrix (Source ID):	**Water (545005-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1307414 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	104.0	7.000	100.0	mg/L	97%		75-125	4	20	2

Type:	**Blank**	**Lab ID:**	**QC1306589**	**Batch:**	**385540**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306589 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/L	0.030	0.011	10/24/25	10/24/25
Arsenic	ND		mg/L	0.010	0.0045	10/24/25	10/24/25
Barium	ND		mg/L	0.010	0.0022	10/24/25	10/24/25
Beryllium	ND		mg/L	0.0050	0.00017	10/24/25	10/24/25
Boron	ND		mg/L	0.050	0.0055	10/24/25	10/24/25
Cadmium	ND		mg/L	0.0050	0.00096	10/24/25	10/24/25
Calcium	ND		mg/L	1.0	0.57	10/24/25	10/24/25
Chromium	ND		mg/L	0.010	0.0023	10/24/25	10/24/25
Cobalt	ND		mg/L	0.0050	0.0022	10/24/25	10/24/25
Copper	ND		mg/L	0.010	0.0059	10/24/25	10/24/25
Iron	ND		mg/L	0.10	0.046	10/24/25	10/24/25
Lead	ND		mg/L	0.010	0.0028	10/24/25	10/24/25
Magnesium	ND		mg/L	0.10	0.025	10/24/25	10/24/25
Manganese	ND		mg/L	0.010	0.0029	10/24/25	10/24/25
Nickel	ND		mg/L	0.010	0.0033	10/24/25	10/24/25
Potassium	ND		mg/L	0.50	0.40	10/24/25	10/24/25
Selenium	ND		mg/L	0.030	0.0098	10/24/25	10/24/25
Silver	ND		mg/L	0.0050	0.0015	10/24/25	10/24/25
Sodium	ND		mg/L	0.60	0.35	10/24/25	10/24/25
Thallium	ND		mg/L	0.030	0.011	10/24/25	10/24/25
Vanadium	ND		mg/L	0.010	0.0012	10/24/25	10/24/25
Zinc	ND		mg/L	0.050	0.013	10/24/25	10/24/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1306590**	**Batch:**	**385540**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306590 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	0.3700	0.4000	mg/L	93%		80-120
Arsenic	0.3559	0.4000	mg/L	89%		80-120
Barium	0.3650	0.4000	mg/L	91%		80-120
Beryllium	0.3665	0.4000	mg/L	92%		80-120
Boron	0.3546	0.4000	mg/L	89%		80-120
Cadmium	0.3657	0.4000	mg/L	91%		80-120
Calcium	18.41	20.40	mg/L	90%		80-120
Chromium	0.3607	0.4000	mg/L	90%		80-120
Cobalt	0.3630	0.4000	mg/L	91%		80-120
Copper	0.3520	0.4000	mg/L	88%		80-120
Iron	0.3868	0.4000	mg/L	97%		80-120
Lead	0.3648	0.4000	mg/L	91%		80-120
Magnesium	18.74	20.40	mg/L	92%		80-120
Manganese	0.3701	0.4000	mg/L	93%		80-120
Nickel	0.3656	0.4000	mg/L	91%		80-120
Potassium	22.26	24.00	mg/L	93%		80-120
Selenium	0.3507	0.4000	mg/L	88%		80-120
Silver	0.1768	0.2000	mg/L	88%		80-120
Sodium	18.69	20.40	mg/L	92%		80-120
Thallium	0.3646	0.4000	mg/L	91%		80-120
Vanadium	0.3683	0.4000	mg/L	92%		80-120
Zinc	0.3867	0.4000	mg/L	97%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1306591**	**Batch:**	**385540**
Matrix (Source ID):	**Water (545072-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306591 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	0.2830	ND	0.4000	mg/L	71%	*	75-125	1
Arsenic	0.3637	0.01534	0.4000	mg/L	87%		75-125	1
Barium	0.6845	0.3426	0.4000	mg/L	85%		75-125	1
Beryllium	0.3552	0.001460	0.4000	mg/L	88%		75-125	1
Boron	0.7680	0.4163	0.4000	mg/L	88%		75-125	1
Cadmium	0.3472	ND	0.4000	mg/L	87%		75-125	1
Calcium	279.4	262.6	20.40	mg/L	82%	NM	75-125	1
Chromium	0.4059	0.05374	0.4000	mg/L	88%		75-125	1
Cobalt	0.3659	0.01930	0.4000	mg/L	87%		75-125	1
Copper	0.4359	0.06517	0.4000	mg/L	93%		75-125	1
Iron	56.04	49.50	0.4000	mg/L	1634%	NM	75-125	10
Lead	0.3686	0.02255	0.4000	mg/L	87%		75-125	1
Magnesium	64.38	44.31	20.40	mg/L	98%		75-125	1
Manganese	2.116	1.762	0.4000	mg/L	89%	NM	75-125	1
Nickel	0.3925	0.04187	0.4000	mg/L	88%		75-125	1
Potassium	29.93	8.052	24.00	mg/L	91%		75-125	1
Selenium	0.3247	ND	0.4000	mg/L	81%		75-125	1
Silver	0.1797	ND	0.2000	mg/L	90%		75-125	1
Sodium	148.7	130.9	20.40	mg/L	87%	NM	75-125	1
Thallium	0.3481	ND	0.4000	mg/L	87%		75-125	1
Vanadium	0.4708	0.1017	0.4000	mg/L	92%		75-125	1
Zinc	0.4885	0.1201	0.4000	mg/L	92%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1306592**	**Batch:**	**385540**
Matrix (Source ID):	**Water (545072-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306592 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	0.2676	ND	0.4000	mg/L	67%	*	75-125	6	20	1
Arsenic	0.3479	0.01534	0.4000	mg/L	83%		75-125	4	20	1
Barium	0.6836	0.3426	0.4000	mg/L	85%		75-125	0	20	1
Beryllium	0.3395	0.001460	0.4000	mg/L	85%		75-125	5	20	1
Boron	0.7575	0.4163	0.4000	mg/L	85%		75-125	1	20	1
Cadmium	0.3325	ND	0.4000	mg/L	83%		75-125	4	20	1
Calcium	276.5	262.6	20.40	mg/L	68%	NM	75-125	1	20	1
Chromium	0.3928	0.05374	0.4000	mg/L	85%		75-125	3	20	1
Cobalt	0.3508	0.01930	0.4000	mg/L	83%		75-125	4	20	1
Copper	0.4217	0.06517	0.4000	mg/L	89%		75-125	3	20	1
Iron	58.75	49.50	0.4000	mg/L	2312%	NM	75-125	5	22	10
Lead	0.3534	0.02255	0.4000	mg/L	83%		75-125	4	20	1
Magnesium	64.48	44.31	20.40	mg/L	99%		75-125	0	20	1
Manganese	2.110	1.762	0.4000	mg/L	87%	NM	75-125	0	20	1
Nickel	0.3783	0.04187	0.4000	mg/L	84%		75-125	4	20	1
Potassium	30.35	8.052	24.00	mg/L	93%		75-125	1	20	1
Selenium	0.3115	ND	0.4000	mg/L	78%		75-125	4	20	1
Silver	0.1767	ND	0.2000	mg/L	88%		75-125	2	20	1
Sodium	147.3	130.9	20.40	mg/L	81%	NM	75-125	1	20	1
Thallium	0.3317	ND	0.4000	mg/L	83%		75-125	5	20	1
Vanadium	0.4573	0.1017	0.4000	mg/L	89%		75-125	3	20	1
Zinc	0.4789	0.1201	0.4000	mg/L	90%		75-125	2	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Serial Dilution	Lab ID:	QC1306689	Batch:	385540
Matrix (Source ID):	Water (545072-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1306689 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	mg/L				5
Arsenic	ND	0.01534	mg/L				5
Barium	0.3747	0.3426	mg/L				5
Beryllium	0.0008985	0.001460	mg/L	J			5
Boron	0.4541	0.4163	mg/L				5
Cadmium	ND	ND	mg/L				5
Calcium	289.2	262.6	mg/L				5
Chromium	0.05787	0.05374	mg/L				5
Cobalt	0.01793	0.01930	mg/L	J			5
Copper	0.06975	0.06517	mg/L				5
Iron	51.37	49.50	mg/L				50
Lead	0.02574	0.02255	mg/L	J			5
Magnesium	49.28	44.31	mg/L				5
Manganese	1.941	1.762	mg/L				5
Nickel	0.04553	0.04187	mg/L	J			5
Potassium	8.298	8.052	mg/L				5
Selenium	ND	ND	mg/L				5
Silver	ND	ND	mg/L				5
Sodium	143.8	130.9	mg/L				5
Thallium	ND	ND	mg/L				5
Vanadium	0.1110	0.1017	mg/L				5
Zinc	0.1336	0.1201	mg/L	J			5

Type:	Blank	Lab ID:	QC1306528	Batch:	385527
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306528 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.032	10/24/25	10/24/25

Type:	Lab Control Sample	Lab ID:	QC1306529	Batch:	385527
Matrix:	Filtrate	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306529 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.014	5.000	ug/L	100%		80-120

Type:	Matrix Spike	Lab ID:	QC1306530	Batch:	385527
Matrix (Source ID):	Drinking Water (545276-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306530 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	4.890	0.1425	5.000	ug/L	95%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1306531	Batch:	385527
Matrix (Source ID):	Drinking Water (545276-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306531 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	4.761	0.1425	5.000	ug/L	92%		75-125	3	20	1

Type:	Lab Control Sample	Lab ID:	QC1306162	Batch:	385402
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1306162 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	47.61	50.00	ug/L	95%		69-128
MTBE	48.51	50.00	ug/L	97%		66-125
Benzene	48.97	50.00	ug/L	98%		76-121
Trichloroethene	52.52	50.00	ug/L	105%		76-124
Toluene	48.42	50.00	ug/L	97%		76-120
Chlorobenzene	50.25	50.00	ug/L	101%		78-120
Surrogates						
Dibromofluoromethane	51.35	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	48.76	50.00	ug/L	98%		70-130
Toluene-d8	50.28	50.00	ug/L	101%		70-130
Bromofluorobenzene	49.46	50.00	ug/L	99%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1306163	Batch:	385402
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1306163 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.60	50.00	ug/L	93%		69-128	2	23
MTBE	47.81	50.00	ug/L	96%		66-125	1	22
Benzene	48.02	50.00	ug/L	96%		76-121	2	21
Trichloroethene	51.19	50.00	ug/L	102%		76-124	3	22
Toluene	48.17	50.00	ug/L	96%		76-120	1	21
Chlorobenzene	48.94	50.00	ug/L	98%		78-120	3	20
Surrogates								
Dibromofluoromethane	50.07	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	47.51	50.00	ug/L	95%		70-130		
Toluene-d8	49.91	50.00	ug/L	100%		70-130		
Bromofluorobenzene	50.64	50.00	ug/L	101%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1306167	Batch: 385402
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1306167 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	0.5	0.2	10/23/25	10/23/25
Chloromethane	ND		ug/L	0.5	0.09	10/23/25	10/23/25
Vinyl Chloride	ND		ug/L	0.5	0.1	10/23/25	10/23/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	10/23/25	10/23/25
Methylene Chloride	ND		ug/L	5.0	0.2	10/23/25	10/23/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	10/23/25	10/23/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	10/23/25	10/23/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	10/23/25	10/23/25
Benzene	ND		ug/L	0.5	0.1	10/23/25	10/23/25
Trichloroethene	ND		ug/L	0.5	0.1	10/23/25	10/23/25
Tetrachloroethene	ND		ug/L	0.5	0.2	10/23/25	10/23/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	10/23/25	10/23/25
Surrogates				**Limits**			
Dibromofluoromethane	106%		%REC	70-130		10/23/25	10/23/25
1,2-Dichloroethane-d4	100%		%REC	70-130		10/23/25	10/23/25
Toluene-d8	99%		%REC	70-130		10/23/25	10/23/25
Bromofluorobenzene	101%		%REC	70-130		10/23/25	10/23/25

Type: Matrix Spike	Lab ID: QC1306221	Batch: 385402
Matrix (Source ID): Water (544788-008)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1306221 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	15.52	1.396	20.00	ug/L	71%		62-131	1
MTBE	14.34	ND	20.00	ug/L	72%		61-124	1
Benzene	14.54	ND	20.00	ug/L	73%		70-123	1
Trichloroethene	133.6	138.7	20.00	ug/L	-25%	NM	65-131	1
Toluene	14.25	ND	20.00	ug/L	71%		69-120	1
Chlorobenzene	14.62	ND	20.00	ug/L	73%		72-121	1
Surrogates								
Dibromofluoromethane	51.23		50.00	ug/L	102%		70-130	1
1,2-Dichloroethane-d4	51.42		50.00	ug/L	103%		70-130	1
Toluene-d8	50.51		50.00	ug/L	101%		70-130	1
Bromofluorobenzene	50.71		50.00	ug/L	101%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1306222	Batch:	385402
Matrix (Source ID):	Water (544788-008)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1306222 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.52	1.396	20.00	ug/L	71%		62-131	0	31	1
MTBE	14.21	ND	20.00	ug/L	71%		61-124	1	30	1
Benzene	14.53	ND	20.00	ug/L	73%		70-123	0	31	1
Trichloroethene	134.3	138.7	20.00	ug/L	-22%	NM	65-131	1	31	1
Toluene	14.37	ND	20.00	ug/L	72%		69-120	1	29	1
Chlorobenzene	14.58	ND	20.00	ug/L	73%		72-121	0	29	1
Surrogates										
Dibromofluoromethane	51.29		50.00	ug/L	103%		70-130			1
1,2-Dichloroethane-d4	49.00		50.00	ug/L	98%		70-130			1
Toluene-d8	50.39		50.00	ug/L	101%		70-130			1
Bromofluorobenzene	49.42		50.00	ug/L	99%		70-130			1

Type:	Blank	Lab ID:	QC1307635	Batch:	385860
Matrix:	Water	Method:	EPA 8270C	Prep Method:	EPA 3510C

QC1307635 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Phenol	ND		ug/L	10	2.1	10/28/25	10/29/25
Aniline	ND		ug/L	10	2.8	10/28/25	10/29/25
Benzyl alcohol	ND		ug/L	25	5.8	10/28/25	10/29/25
2-Methylphenol	ND		ug/L	10	3.2	10/28/25	10/29/25
3-,4-Methylphenol	ND		ug/L	10	3.0	10/28/25	10/29/25
Surrogates				**Limits**			
2-Fluorophenol	39%		%REC	15-120		10/28/25	10/29/25
Phenol-d6	26%		%REC	15-120		10/28/25	10/29/25
2,4,6-Tribromophenol	61%		%REC	15-140		10/28/25	10/29/25
Nitrobenzene-d5	60%		%REC	15-123		10/28/25	10/29/25
2-Fluorobiphenyl	60%		%REC	15-120		10/28/25	10/29/25
Terphenyl-d14	64%		%REC	15-120		10/28/25	10/29/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1307636**	**Batch:**	**385860**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1307636 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	25.88	75.00	ug/L	35%		14-120
2-Chlorophenol	50.02	75.00	ug/L	67%		46-120
1,4-Dichlorobenzene	42.50	75.00	ug/L	57%		42-120
3-,4-Methylphenol	50.87	75.00	ug/L	68%		40-120
N-Nitroso-di-n-propylamine	58.99	75.00	ug/L	79%		54-121
2,4-Dimethylphenol	55.56	75.00	ug/L	74%		48-120
1,2,4-Trichlorobenzene	48.42	75.00	ug/L	65%		45-120
4-Chloro-3-methylphenol	63.14	75.00	ug/L	84%		60-121
2,4,5-Trichlorophenol	62.74	75.00	ug/L	84%		62-124
Acenaphthene	48.92	75.00	ug/L	65%		56-120
4-Nitrophenol	30.57	75.00	ug/L	41%		17-120
2,4-Dinitrotoluene	65.32	75.00	ug/L	87%		69-127
Pentachlorophenol	54.50	75.00	ug/L	73%		51-120
Pyrene	58.36	75.00	ug/L	78%		68-123
Chrysene	56.58	75.00	ug/L	75%		66-120
Benzo(b)fluoranthene	59.36	75.00	ug/L	79%		67-120
Surrogates						
2-Fluorophenol	18.32	40.00	ug/L	46%		15-120
Phenol-d6	12.76	40.00	ug/L	32%		15-120
2,4,6-Tribromophenol	30.52	40.00	ug/L	76%		15-140
Nitrobenzene-d5	26.83	40.00	ug/L	67%		15-123
2-Fluorobiphenyl	26.06	40.00	ug/L	65%		15-120
Terphenyl-d14	29.41	40.00	ug/L	74%		15-120

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1307637	Batch: 385860
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1307637 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Phenol	30.69	75.00	ug/L	41%		14-120	17	52
2-Chlorophenol	46.60	75.00	ug/L	62%		46-120	7	52
1,4-Dichlorobenzene	40.04	75.00	ug/L	53%		42-120	6	53
3-,4-Methylphenol	47.82	75.00	ug/L	64%		40-120	6	51
N-Nitroso-di-n-propylamine	56.61	75.00	ug/L	75%		54-121	4	52
2,4-Dimethylphenol	51.60	75.00	ug/L	69%		48-120	7	52
1,2,4-Trichlorobenzene	45.77	75.00	ug/L	61%		45-120	6	54
4-Chloro-3-methylphenol	59.48	75.00	ug/L	79%		60-121	6	47
2,4,5-Trichlorophenol	57.76	75.00	ug/L	77%		62-124	8	46
Acenaphthene	45.72	75.00	ug/L	61%		56-120	7	46
4-Nitrophenol	29.01	75.00	ug/L	39%		17-120	5	44
2,4-Dinitrotoluene	63.42	75.00	ug/L	85%		69-127	3	40
Pentachlorophenol	52.34	75.00	ug/L	70%		51-120	4	42
Pyrene	55.11	75.00	ug/L	73%		68-123	6	39
Chrysene	54.39	75.00	ug/L	73%		66-120	4	38
Benzo(b)fluoranthene	55.63	75.00	ug/L	74%		67-120	6	39
Surrogates								
2-Fluorophenol	17.53	40.00	ug/L	44%		15-120		
Phenol-d6	12.49	40.00	ug/L	31%		15-120		
2,4,6-Tribromophenol	28.64	40.00	ug/L	72%		15-140		
Nitrobenzene-d5	25.98	40.00	ug/L	65%		15-123		
2-Fluorobiphenyl	24.04	40.00	ug/L	60%		15-120		
Terphenyl-d14	27.71	40.00	ug/L	69%		15-120		

Type: Blank	Lab ID: QC1307046	Batch: 385666
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1307046 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	10/25/25	10/28/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		10/25/25	10/28/25

Type: Lab Control Sample	Lab ID: QC1307047	Batch: 385666
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1307047 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.57	10.00	ug/L	106%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.08	10.00	ug/L	101%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1307048**	**Batch:**	**385666**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1307048 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.29	10.00	ug/L	103%		79-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.922	10.00	ug/L	99%		80-120		

Type:	**Blank**	**Lab ID:**	**QC1307817**	**Batch:**	**385919**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1307817 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		10/28/25	10/28/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1307818**	**Batch:**	**385919**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1307818 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1307819**	**Batch:**	**385919**
Matrix (Source ID):	**Water (545029-001)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1307819 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307820**	**Batch:**	**385919**
Matrix (Source ID):	**Water (545029-001)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1307820 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type:	**Blank**	**Lab ID:**	**QC1306198**	**Batch:**	**385413**
Matrix:	**Water**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1306198 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	10/23/25	10/23/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1306199**	**Batch:**	**385413**
Matrix:	**Water**	**Method:**	**SM 5310B**	**Prep Method:**	**SM 5310B**

QC1306199 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.78	25.00	mg/L	95%		85-115

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1306200	Batch:	385413
Matrix (Source ID):	Water (545092-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1306200 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	46,820	32190	12500	mg/L	117%		75-125	500

Type:	Matrix Spike Duplicate	Lab ID:	QC1306201	Batch:	385413
Matrix (Source ID):	Water (545092-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1306201 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	47,930	32190	12500	mg/L	126%	*	75-125	2	25	500

Type:	Blank	Lab ID:	QC1306707	Batch:	385566
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1306707 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		10/25/25	10/25/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		10/25/25	10/25/25

Type:	Lab Control Sample	Lab ID:	QC1306708	Batch:	385566
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1306708 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	957.9	1000	mg/L	96%		90-110

Type:	Sample Duplicate	Lab ID:	QC1306710	Batch:	385566
Matrix (Source ID):	Water (544872-004)	Method:	SM2320B	Prep Method:	METHOD

QC1306710 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	362.8	356.0	mg/L		2	20	2.5
Alkalinity, Total as CaCO3	362.8	356.0	mg/L		2	20	2.5

Type:	Blank	Lab ID:	QC1307434	Batch:	385806
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1307434 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		10/27/25	10/28/25

Type:	Lab Control Sample	Lab ID:	QC1307435	Batch:	385806
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1307435 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,011	1000	mg/L	101%		90-110

Batch QC

Type:	Sample Duplicate	Lab ID:	QC1307436	Batch:	385806
Matrix (Source ID):	Water (545072-001)	Method:	SM2540C	Prep Method:	METHOD

QC1307436 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,106	1124	mg/L		2	5	2

Type:	Sample Duplicate	Lab ID:	QC1307437	Batch:	385806
Matrix (Source ID):	Water (545196-002)	Method:	SM2540C	Prep Method:	METHOD

QC1307437 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,600	3640	mg/L		1	5	4

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 545072

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2510L20

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-545072

Project Location:
Project Received: 10/24/2025

Analytical Report reviewed & approved for release on 10/30/2025 by:

Ana Venegas
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com

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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510L20
Project: EO-545072

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510L20

Project: EO-545072

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510L20
Date Received:	10/24/2025 9:39	**Extraction Method:**	RSK175
Date Prepared:	10/28/2025	**Analytical Method:**	RSK175
Project:	EO-545072	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
FP-01	2510L20-001A	Water	10/22/2025 10:18	GC26 1028250906.D	328937

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**16,000**	1000	1000	20	10/28/2025 12:42

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510L20
Date Prepared:	10/28/2025	**BatchID:**	328937
Date Analyzed:	10/28/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-545072	**Sample ID:**	MB/LCS/LCSD-328937

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	160	187.2	73	87	70-130	18.4	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2510L20 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-545072

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **10/24/2025**
Date Logged: **10/24/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2510L20-001	FP-01	Water	10/22/2025 10:18	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Emily Perez

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-545072 **Work Order:** 2510L20
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 10/24/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/22/2025 10:18	5 days	10/31/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2510L20

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-545072
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	22-OCT-2025 10:18	545072-001	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	[signature]	
	Date: 10-23-25 14:53	Date:
		Emily 10/24/25 0939
	Date:	Date:
	Date:	Date:

0.5 wet
1R33

McCampbell Analytical, Inc.
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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
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Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	10/24/2025 09:39
Project:	EO-545072	Date Logged:	10/24/2025
		Received by:	
WorkOrder №:	2510L20 Matrix:	Logged by:	Emily Perez
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☑	No ☐	NA ☐
COC quote NOT expired?	Yes ☑	No ☐	NA ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	
(Ice Type: WET ICE)			
Sample/Temp Blank temperature	Temp: 0.5°C		NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐	No ☐	NA ☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐	No ☐	NA ☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 545193
Report Level : II
Report Date : 11/06/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	545193 GW MONITORING Chiquita Canyon Landfill 10/23/25

Sample ID	Lab ID	Collected	Matrix
DW-14	545193-001	10/23/25 08:38	Water
DW-17	545193-002	10/23/25 10:03	Water
DW-30	545193-003	10/23/25 11:30	Water
DW-15	545193-004	10/23/25 12:32	Water
QCFB	545193-005	10/23/25 08:42	Water
QCTB	545193-006	10/23/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 545193 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 10/23/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 10/23/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- 1,4-dichlorobenzene was detected between the MDL and the RL in the method blank for batch 386138; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Response exceeding the instrument's linear range was observed for nitrogen, nitrate in the MSD for batch 385551; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545193

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

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(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-14	10/23/25	838	W	15	var.	X	X	X	X	X	X	X	X	X
2	DW-17		1003				X	X	X	X	X	X	X	X	X
3	DW-30		1130				X	X	X	X	X	X	X	X	X
4	DW-15		1232				X	X	X	X	X	X	X	X	X
5	QCFB		842		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Analysis Request

Test Instructions / Comments

4.1 IR 16

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

Login 545193

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/23/25 200p
[1] Received By:		Jim Lin	EA-NH	10-23-25 200p
[2] Relinquished By:		Jim Lin	EA-NH	10-24-25 9:00
[2] Received By:		GEMA O.	EANH	10/24/25 9:00
[3] Relinquished By:		GEMA O.	EANH	10/24/25 12:25
[3] Received By:		Nicole Mendoza	EA	10-24-25 12:25

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545193

Page: 2 of 2

Turn Around Time (rush by advanced notice only)					
Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

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(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	2-Methylphenol, 3&4-Methylphenol, Aniline, Benzyl alcohol, Phenol (8270)	Metals: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, V, Zn							Test Instructions / Comments
1	DW-14	10/23/25	838	W	15	var.	X	X							4.4 IR18
2	DW-17	↓	1003	↓	↓	↓	X	X							Quarterly MPars
3	DW-30		1130				X	X							cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF
4	DW-15		1232		↓		X	X							
5	QCFB	↓	842		3										
6	QCTB	—	—	↓	2	↓									
7															
8															
9															
10															

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/23/25 2000
[1] Received By:		Jim Lin	EA-NH	10.23.25 2000
[2] Relinquished By:		Jim Lin	EA-NH	10.24.25 900
[2] Received By:		GEMA O	EA NH	10/24/25 900
[3] Relinquished By:		GEMA	EA NH	10/24/25 12:25
[3] Received By:		Nicole Mendoza	EA	10-24-25 12:25

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10·23·25 WO# 545193 Client: Chiquita Canyon L.F.

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☑ No**

Custody seals intact on arrival? ☑ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10·23·25 By (initials) JWL Type of ice used : ☑ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 13.6 / 12.9 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☑ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☑ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	○		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	○		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			○
13) Are VOA vials free from headspace/bubbles > 6mm?			○

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 10·23·25 By (print) JWL (sign) [signature]

Date Labeled 10·23·25 By (print) JWL (sign) [signature]

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/24/25 WO# 545193 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10/24/25 By (initials) AGR Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 18 CF: +0.3

Cooler Temp (°C) #1: 4.1 / 4.4 #2: 4.4 / 4.7 #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

DMC H 10-24-25

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 10/23/25 **By (print)** JWL **(sign)** N/A

Date Labeled 10/23/25 **By (print)** JWL **(sign)** N/A

ENTHALPY ANALYTICAL

Analysis Results for 545193

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 545193
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 10/23/25

Sample ID: DW-14 **Lab ID: 545193-001** **Collected: 10/23/25 08:38**
Matrix: Water

545193-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.40**		mg/L	0.20	0.072	1	385551	10/24/25 11:42	10/24/25 23:57	AJL
Chloride	**94**		mg/L	1.0	0.27	1	385551	10/24/25 11:42	10/24/25 23:57	AJL
Bromide	**0.13**	J	mg/L	0.30	0.060	1	385551	10/24/25 11:42	10/24/25 23:57	AJL
Nitrogen, Nitrate	**0.34**		mg/L	0.10	0.05	1	385551	10/24/25 11:42	10/24/25 23:57	AJL
Sulfate	**30**		mg/L	1.0	0.25	1	385551	10/24/25 11:42	10/24/25 23:57	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**7.0**		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	**0.38**		mg/L	0.050	0.021	1	385580	10/24/25	10/25/25	KAM
Antimony	ND		mg/L	0.030	0.013	1	385580	10/24/25	10/25/25	KAM
Arsenic	**0.016**		mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Barium	**0.0084**	J	mg/L	0.010	0.0023	1	385580	10/24/25	10/25/25	KAM
Beryllium	ND		mg/L	0.0050	0.00017	1	385580	10/24/25	10/25/25	KAM
Boron	**0.11**		mg/L	0.050	0.0062	1	385580	10/24/25	10/25/25	KAM
Cadmium	ND		mg/L	0.0050	0.00037	1	385580	10/24/25	10/25/25	KAM
Calcium	**2.6**		mg/L	1.0	0.57	1	385580	10/24/25	10/25/25	KAM
Chromium	ND		mg/L	0.010	0.0030	1	385580	10/24/25	10/25/25	KAM
Cobalt	ND		mg/L	0.0050	0.0023	1	385580	10/24/25	10/25/25	KAM
Copper	ND		mg/L	0.010	0.0060	1	385580	10/24/25	10/25/25	KAM
Iron	**0.21**		mg/L	0.10	0.041	1	385580	10/24/25	10/25/25	KAM
Lead	ND		mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Magnesium	**0.19**		mg/L	0.10	0.025	1	385580	10/24/25	10/25/25	KAM
Manganese	ND		mg/L	0.010	0.0029	1	385580	10/24/25	10/25/25	KAM
Molybdenum	ND		mg/L	0.010	0.0039	1	385580	10/24/25	10/25/25	KAM
Nickel	ND		mg/L	0.010	0.0028	1	385580	10/24/25	10/25/25	KAM
Potassium	**0.57**		mg/L	0.50	0.42	1	385580	10/24/25	10/25/25	KAM
Selenium	**0.016**	J	mg/L	0.030	0.0082	1	385580	10/24/25	10/25/25	KAM
Silver	ND		mg/L	0.0050	0.0013	1	385580	10/24/25	10/25/25	KAM
Sodium	**140**		mg/L	0.50	0.34	1	385580	10/24/25	10/25/25	KAM
Thallium	ND		mg/L	0.030	0.011	1	385580	10/24/25	10/25/25	KAM
Vanadium	**0.31**		mg/L	0.010	0.0012	1	385580	10/24/25	10/25/25	KAM
Zinc	ND		mg/L	0.050	0.013	1	385580	10/24/25	10/25/25	KAM
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.13**	J	ug/L	0.40	0.032	1	385599	10/24/25	10/25/25	KAM

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545193

545193-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	10	2.1	1	385974	10/30/25	10/31/25	TJW
Aniline	ND		ug/L	10	2.8	1	385974	10/30/25	10/31/25	TJW
Benzyl alcohol	ND		ug/L	25	5.8	1	385974	10/30/25	10/31/25	TJW
2-Methylphenol	ND		ug/L	10	3.2	1	385974	10/30/25	10/31/25	TJW
3-,4-Methylphenol	ND		ug/L	10	3.0	1	385974	10/30/25	10/31/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	31%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Phenol-d6	20%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
2,4,6-Tribromophenol	62%		%REC	15-140		1	385974	10/30/25	10/31/25	TJW
Nitrobenzene-d5	54%		%REC	15-123		1	385974	10/30/25	10/31/25	TJW
2-Fluorobiphenyl	55%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Terphenyl-d14	88%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**180**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Alkalinity, Total as CaCO3	**200**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**410**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545193

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545193

Sample ID: DW-17	Lab ID: 545193-002	Collected: 10/23/25 10:03
	Matrix: Water	

545193-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.17**	J	mg/L	0.20	0.072	1	385551	10/24/25 11:42	10/25/25 00:16	AJL
Chloride	**140**		mg/L	1.0	0.27	1	385551	10/24/25 11:42	10/25/25 00:16	AJL
Bromide	**0.29**	J	mg/L	0.30	0.060	1	385551	10/24/25 11:42	10/25/25 00:16	AJL
Nitrogen, Nitrate	**0.81**		mg/L	0.10	0.05	1	385551	10/24/25 11:42	10/25/25 00:16	AJL
Sulfate	**180**		mg/L	10	2.5	10	385551	10/24/25 11:42	10/25/25 00:36	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**3.0**	J	mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	**0.029**	J	mg/L	0.050	0.021	1	385580	10/24/25	10/25/25	KAM
Antimony	ND		mg/L	0.030	0.013	1	385580	10/24/25	10/25/25	KAM
Arsenic	**0.0080**	J	mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Barium	**0.0064**	J	mg/L	0.010	0.0023	1	385580	10/24/25	10/25/25	KAM
Beryllium	ND		mg/L	0.0050	0.00017	1	385580	10/24/25	10/25/25	KAM
Boron	**0.081**		mg/L	0.050	0.0062	1	385580	10/24/25	10/25/25	KAM
Cadmium	ND		mg/L	0.0050	0.00037	1	385580	10/24/25	10/25/25	KAM
Calcium	**4.7**		mg/L	1.0	0.57	1	385580	10/24/25	10/25/25	KAM
Chromium	ND		mg/L	0.010	0.0030	1	385580	10/24/25	10/25/25	KAM
Cobalt	ND		mg/L	0.0050	0.0023	1	385580	10/24/25	10/25/25	KAM
Copper	ND		mg/L	0.010	0.0060	1	385580	10/24/25	10/25/25	KAM
Iron	ND		mg/L	0.10	0.041	1	385580	10/24/25	10/25/25	KAM
Lead	ND		mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Magnesium	**0.12**		mg/L	0.10	0.025	1	385580	10/24/25	10/25/25	KAM
Manganese	ND		mg/L	0.010	0.0029	1	385580	10/24/25	10/25/25	KAM
Molybdenum	ND		mg/L	0.010	0.0039	1	385580	10/24/25	10/25/25	KAM
Nickel	ND		mg/L	0.010	0.0028	1	385580	10/24/25	10/25/25	KAM
Potassium	**0.69**		mg/L	0.50	0.42	1	385580	10/24/25	10/25/25	KAM
Selenium	**0.089**		mg/L	0.030	0.0082	1	385580	10/24/25	10/25/25	KAM
Silver	ND		mg/L	0.0050	0.0013	1	385580	10/24/25	10/25/25	KAM
Sodium	**220**		mg/L	0.50	0.34	1	385580	10/24/25	10/25/25	KAM
Thallium	ND		mg/L	0.030	0.011	1	385580	10/24/25	10/25/25	KAM
Vanadium	**0.0087**	J	mg/L	0.010	0.0012	1	385580	10/24/25	10/25/25	KAM
Zinc	ND		mg/L	0.050	0.013	1	385580	10/24/25	10/25/25	KAM
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.12**	J	ug/L	0.40	0.032	1	385599	10/24/25	10/25/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545193

545193-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	102%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	10	2.1	1	385974	10/30/25	10/31/25	TJW
Aniline	ND		ug/L	10	2.8	1	385974	10/30/25	10/31/25	TJW
Benzyl alcohol	ND		ug/L	25	5.8	1	385974	10/30/25	10/31/25	TJW
2-Methylphenol	ND		ug/L	10	3.2	1	385974	10/30/25	10/31/25	TJW
3-,4-Methylphenol	ND		ug/L	10	3.0	1	385974	10/30/25	10/31/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	36%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Phenol-d6	24%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
2,4,6-Tribromophenol	71%		%REC	15-140		1	385974	10/30/25	10/31/25	TJW
Nitrobenzene-d5	60%		%REC	15-123		1	385974	10/30/25	10/31/25	TJW
2-Fluorobiphenyl	64%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Terphenyl-d14	84%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.3**		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**140**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Alkalinity, Total as CaCO3	**160**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**690**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545193

Sample ID: DW-30	Lab ID: 545193-003	Collected: 10/23/25 11:30
	Matrix: Water	

545193-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.88**		mg/L	0.20	0.072	1	385551	10/24/25 11:42	10/25/25 01:36	AJL
Chloride	**58**		mg/L	1.0	0.27	1	385551	10/24/25 11:42	10/25/25 01:36	AJL
Bromide	**0.14**	J	mg/L	0.30	0.060	1	385551	10/24/25 11:42	10/25/25 01:36	AJL
Nitrogen, Nitrate	**0.25**		mg/L	0.10	0.05	1	385551	10/24/25 11:42	10/25/25 01:36	AJL
Sulfate	**300**		mg/L	10	2.5	10	385551	10/24/25 11:42	10/25/25 01:56	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	**10**		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	ND		mg/L	0.050	0.021	1	385580	10/24/25	10/25/25	KAM
Antimony	ND		mg/L	0.030	0.013	1	385580	10/24/25	10/25/25	KAM
Arsenic	ND		mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Barium	**0.018**		mg/L	0.010	0.0023	1	385580	10/24/25	10/25/25	KAM
Beryllium	ND		mg/L	0.0050	0.00017	1	385580	10/24/25	10/25/25	KAM
Boron	**0.19**		mg/L	0.050	0.0062	1	385580	10/24/25	10/25/25	KAM
Cadmium	ND		mg/L	0.0050	0.00037	1	385580	10/24/25	10/25/25	KAM
Calcium	**37**		mg/L	1.0	0.57	1	385580	10/24/25	10/25/25	KAM
Chromium	ND		mg/L	0.010	0.0030	1	385580	10/24/25	10/25/25	KAM
Cobalt	ND		mg/L	0.0050	0.0023	1	385580	10/24/25	10/25/25	KAM
Copper	ND		mg/L	0.010	0.0060	1	385580	10/24/25	10/25/25	KAM
Iron	**0.39**		mg/L	0.10	0.041	1	385580	10/24/25	10/25/25	KAM
Lead	ND		mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Magnesium	**5.9**		mg/L	0.10	0.025	1	385580	10/24/25	10/25/25	KAM
Manganese	**0.028**		mg/L	0.010	0.0029	1	385580	10/24/25	10/25/25	KAM
Molybdenum	**0.0041**	J	mg/L	0.010	0.0039	1	385580	10/24/25	10/25/25	KAM
Nickel	ND		mg/L	0.010	0.0028	1	385580	10/24/25	10/25/25	KAM
Potassium	**1.7**		mg/L	0.50	0.42	1	385580	10/24/25	10/25/25	KAM
Selenium	ND		mg/L	0.030	0.0082	1	385580	10/24/25	10/25/25	KAM
Silver	ND		mg/L	0.0050	0.0013	1	385580	10/24/25	10/25/25	KAM
Sodium	**190**		mg/L	0.50	0.34	1	385580	10/24/25	10/25/25	KAM
Thallium	ND		mg/L	0.030	0.011	1	385580	10/24/25	10/25/25	KAM
Vanadium	ND		mg/L	0.010	0.0012	1	385580	10/24/25	10/25/25	KAM
Zinc	ND		mg/L	0.050	0.013	1	385580	10/24/25	10/25/25	KAM
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.11**	J	ug/L	0.40	0.032	1	385599	10/24/25	10/25/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545193

545193-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	**0.4**	J	ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	10	2.1	1	385974	10/30/25	10/31/25	TJW
Aniline	ND		ug/L	10	2.8	1	385974	10/30/25	10/31/25	TJW
Benzyl alcohol	ND		ug/L	25	5.8	1	385974	10/30/25	10/31/25	TJW
2-Methylphenol	ND		ug/L	10	3.2	1	385974	10/30/25	10/31/25	TJW
3-,4-Methylphenol	ND		ug/L	10	3.0	1	385974	10/30/25	10/31/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	28%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Phenol-d6	18%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
2,4,6-Tribromophenol	56%		%REC	15-140		1	385974	10/30/25	10/31/25	TJW
Nitrobenzene-d5	50%		%REC	15-123		1	385974	10/30/25	10/31/25	TJW
2-Fluorobiphenyl	49%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Terphenyl-d14	93%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**3.5**		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Alkalinity, Total as CaCO3	**190**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**760**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545193

Sample ID: DW-15	Lab ID: 545193-004	Collected: 10/23/25 12:32
	Matrix: Water	

545193-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.096**	J	mg/L	0.20	0.072	1	385551	10/24/25 11:42	10/25/25 02:16	AJL
Chloride	**73**		mg/L	1.0	0.27	1	385551	10/24/25 11:42	10/25/25 02:16	AJL
Bromide	**0.15**	J	mg/L	0.30	0.060	1	385551	10/24/25 11:42	10/25/25 02:16	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	385551	10/24/25 11:42	10/25/25 02:16	AJL
Sulfate	**1,500**		mg/L	20	4.9	20	385551	10/24/25 11:42	10/25/25 02:36	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.093**	J	mg/L	0.10	0.050	1	386250	11/02/25	11/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	385790	10/27/25	10/27/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Aluminum	ND		mg/L	0.050	0.021	1	385580	10/24/25	10/25/25	KAM
Antimony	ND		mg/L	0.030	0.013	1	385580	10/24/25	10/25/25	KAM
Arsenic	ND		mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Barium	**0.010**		mg/L	0.010	0.0023	1	385580	10/24/25	10/25/25	KAM
Beryllium	ND		mg/L	0.0050	0.00017	1	385580	10/24/25	10/25/25	KAM
Boron	**0.21**		mg/L	0.050	0.0062	1	385580	10/24/25	10/25/25	KAM
Cadmium	ND		mg/L	0.0050	0.00037	1	385580	10/24/25	10/25/25	KAM
Calcium	**240**		mg/L	1.0	0.57	1	385580	10/24/25	10/25/25	KAM
Chromium	ND		mg/L	0.010	0.0030	1	385580	10/24/25	10/25/25	KAM
Cobalt	ND		mg/L	0.0050	0.0023	1	385580	10/24/25	10/25/25	KAM
Copper	ND		mg/L	0.010	0.0060	1	385580	10/24/25	10/25/25	KAM
Iron	**0.95**		mg/L	0.10	0.041	1	385580	10/24/25	10/25/25	KAM
Lead	ND		mg/L	0.010	0.0062	1	385580	10/24/25	10/25/25	KAM
Magnesium	**33**		mg/L	0.10	0.025	1	385580	10/24/25	10/25/25	KAM
Manganese	**0.61**		mg/L	0.010	0.0029	1	385580	10/24/25	10/25/25	KAM
Molybdenum	ND		mg/L	0.010	0.0039	1	385580	10/24/25	10/25/25	KAM
Nickel	ND		mg/L	0.010	0.0028	1	385580	10/24/25	10/25/25	KAM
Potassium	**2.7**		mg/L	0.50	0.42	1	385580	10/24/25	10/25/25	KAM
Selenium	ND		mg/L	0.030	0.0082	1	385580	10/24/25	10/25/25	KAM
Silver	ND		mg/L	0.0050	0.0013	1	385580	10/24/25	10/25/25	KAM
Sodium	**420**		mg/L	0.50	0.34	1	385580	10/24/25	10/25/25	KAM
Thallium	ND		mg/L	0.030	0.011	1	385580	10/24/25	10/25/25	KAM
Vanadium	ND		mg/L	0.010	0.0012	1	385580	10/24/25	10/25/25	KAM
Zinc	ND		mg/L	0.050	0.013	1	385580	10/24/25	10/25/25	KAM
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.097**	J	ug/L	0.40	0.032	1	385599	10/24/25	10/25/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545193

545193-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	**0.3**	B,J	ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	385666	10/25/25	10/28/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	385666	10/25/25	10/28/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	10	2.1	1	385974	10/30/25	10/31/25	TJW
Aniline	ND		ug/L	10	2.8	1	385974	10/30/25	10/31/25	TJW
Benzyl alcohol	ND		ug/L	25	5.8	1	385974	10/30/25	10/31/25	TJW
2-Methylphenol	ND		ug/L	10	3.2	1	385974	10/30/25	10/31/25	TJW
3-,4-Methylphenol	ND		ug/L	10	3.0	1	385974	10/30/25	10/31/25	TJW
Surrogates				**Limits**						
2-Fluorophenol	32%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Phenol-d6	21%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
2,4,6-Tribromophenol	54%		%REC	15-140		1	385974	10/30/25	10/31/25	TJW
Nitrobenzene-d5	55%		%REC	15-123		1	385974	10/30/25	10/31/25	TJW
2-Fluorobiphenyl	55%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Terphenyl-d14	97%		%REC	15-120		1	385974	10/30/25	10/31/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	385682	10/26/25	10/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**210**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Alkalinity, Total as CaCO3	**210**		mg/L	10		5	385894	10/31/25	10/31/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**2,400**		mg/L	20		2	385882	10/28/25	10/29/25	AAB

Results for any subcontracted analyses are not included in this section.

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Analysis Results for 545193

Sample ID: QCFB	Lab ID: 545193-005	Collected: 10/23/25 08:42
	Matrix: Water	

545193-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	**0.9**	J	ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	102%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST

Sample ID: QCTB	Lab ID: 545193-006	Collected: 10/23/25
	Matrix: Water	

545193-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386138	10/31/25	10/31/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386138	10/31/25	10/31/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Methylene Chloride	**0.9**	J	ug/L	10	0.2	1	386138	10/31/25	10/31/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386138	10/31/25	10/31/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386138	10/31/25	10/31/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386138	10/31/25	10/31/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386138	10/31/25	10/31/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
1,2-Dichloroethane-d4	98%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Toluene-d8	104%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	386138	10/31/25	10/31/25	ZST

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1306642**	**Batch:**	**385551**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1306642 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.072	10/24/25 11:42	10/24/25 13:40
Chloride	ND		mg/L	1.0	0.27	10/24/25 11:42	10/24/25 13:40
Bromide	ND		mg/L	0.30	0.060	10/24/25 11:42	10/24/25 13:40
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	10/24/25 11:42	10/24/25 13:40
Sulfate	ND		mg/L	1.0	0.25	10/24/25 11:42	10/24/25 13:40

Type:	**Lab Control Sample**	**Lab ID:**	**QC1306643**	**Batch:**	**385551**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1306643 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.837	10.00	mg/L	98%		90-110
Chloride	48.06	50.00	mg/L	96%		90-110
Bromide	15.41	15.00	mg/L	103%		90-110
Nitrogen, Nitrate	4.688	4.518	mg/L	104%		90-110
Sulfate	25.43	25.00	mg/L	102%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1306651**	**Batch:**	**385551**
Matrix (Source ID):	**Water (545261-002)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1306651 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.80	0.09243	20.00	mg/L	99%		80-129	1
Chloride	147.9	51.02	100.0	mg/L	97%		80-123	1
Bromide	15.11	0.2289	15.00	mg/L	99%		80-121	1
Nitrogen, Nitrate	17.79	9.657	9.036	mg/L	90%		80-123	1
Sulfate	90.19	43.34	50.00	mg/L	94%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1306652**	**Batch:**	**385551**
Matrix (Source ID):	**Water (545261-002)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1306652 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.94	0.09243	20.00	mg/L	99%		80-129	1	21	1
Chloride	149.8	51.02	100.0	mg/L	99%		80-123	1	20	1
Bromide	15.22	0.2289	15.00	mg/L	100%		80-121	1	20	1
Nitrogen, Nitrate	18.04	9.657	9.036	mg/L	93%	E	80-123		20	1
Sulfate	91.50	43.34	50.00	mg/L	96%		79-124	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1306653	Batch:	385551
Matrix (Source ID):	Water (545226-006)	Method:	EPA 300.0	Prep Method:	METHOD

QC1306653 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.03	0.2061	20.00	mg/L	99%		80-129	1
Chloride	181.5	87.57	100.0	mg/L	94%		80-123	1
Bromide	15.38	0.3442	15.00	mg/L	100%		80-121	1
Nitrogen, Nitrate	10.06	0.9084	9.036	mg/L	101%		80-123	1
Sulfate	795.7	1241	50.00	mg/L	-890%	E,NM	79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1306654	Batch:	385551
Matrix (Source ID):	Water (545226-006)	Method:	EPA 300.0	Prep Method:	METHOD

QC1306654 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.23	0.2061	20.00	mg/L	100%		80-129	1	21	1
Chloride	182.7	87.57	100.0	mg/L	95%		80-123	1	20	1
Bromide	15.52	0.3442	15.00	mg/L	101%		80-121	1	20	1
Nitrogen, Nitrate	10.17	0.9084	9.036	mg/L	102%		80-123	1	20	1
Sulfate	795.9	1241	50.00	mg/L	-889%	E,NM	79-124		20	1

Type:	Blank	Lab ID:	QC1309032	Batch:	386250
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1309032 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	11/02/25	11/03/25

Type:	Lab Control Sample	Lab ID:	QC1309033	Batch:	386250
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1309033 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.006	1.000	mg/L	101%		90-110

Type:	Matrix Spike	Lab ID:	QC1309046	Batch:	386250
Matrix (Source ID):	Water (545005-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.287	0.3286	1.000	mg/L	96%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1309047	Batch:	386250
Matrix (Source ID):	Water (545005-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.284	0.3286	1.000	mg/L	96%		90-110	0	20	1

Type:	Matrix Spike	Lab ID:	QC1309048	Batch:	386250
Matrix (Source ID):	Water (545005-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309048 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9435	ND	1.000	mg/L	94%		90-110	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1309049	Batch:	386250
Matrix (Source ID):	Water (545005-002)	Method:	EPA 350.1	Prep Method:	METHOD

QC1309049 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9913	ND	1.000	mg/L	99%		90-110	5	20	1

Type:	Blank	Lab ID:	QC1307411	Batch:	385790
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1307411 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	10/27/25	10/27/25

Type:	Lab Control Sample	Lab ID:	QC1307412	Batch:	385790
Matrix:	Water	Method:	EPA 410.4	Prep Method:	METHOD

QC1307412 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	101.0	100.0	mg/L	101%		90-110

Type:	Matrix Spike	Lab ID:	QC1307413	Batch:	385790
Matrix (Source ID):	Water (545005-001)	Method:	EPA 410.4	Prep Method:	METHOD

QC1307413 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	108.0	7.000	100.0	mg/L	101%		75-125	2

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307414**	**Batch:**	**385790**
Matrix (Source ID):	**Water (545005-001)**	**Method:**	**EPA 410.4**	**Prep Method:**	**METHOD**

QC1307414 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	104.0	7.000	100.0	mg/L	97%		75-125	4	20	2

Type:	**Blank**	**Lab ID:**	**QC1306744**	**Batch:**	**385580**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306744 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Aluminum	ND		mg/L	0.050	0.021	10/24/25	10/25/25
Antimony	ND		mg/L	0.030	0.013	10/24/25	10/25/25
Arsenic	ND		mg/L	0.010	0.0062	10/24/25	10/25/25
Barium	ND		mg/L	0.010	0.0023	10/24/25	10/25/25
Beryllium	ND		mg/L	0.0050	0.00017	10/24/25	10/25/25
Boron	ND		mg/L	0.050	0.0062	10/24/25	10/25/25
Cadmium	ND		mg/L	0.0050	0.00037	10/24/25	10/25/25
Calcium	ND		mg/L	0.57	0.57	10/24/25	10/25/25
Chromium	ND		mg/L	0.010	0.0030	10/24/25	10/25/25
Cobalt	ND		mg/L	0.0050	0.0023	10/24/25	10/25/25
Copper	ND		mg/L	0.010	0.0060	10/24/25	10/25/25
Iron	ND		mg/L	0.041	0.041	10/24/25	10/25/25
Lead	ND		mg/L	0.010	0.0062	10/24/25	10/25/25
Magnesium	ND		mg/L	0.10	0.025	10/24/25	10/25/25
Manganese	ND		mg/L	0.010	0.0029	10/24/25	10/25/25
Molybdenum	ND		mg/L	0.010	0.0039	10/24/25	10/25/25
Nickel	ND		mg/L	0.010	0.0028	10/24/25	10/25/25
Potassium	ND		mg/L	0.50	0.42	10/24/25	10/25/25
Selenium	ND		mg/L	0.030	0.0082	10/24/25	10/25/25
Silver	ND		mg/L	0.0050	0.0013	10/24/25	10/25/25
Sodium	ND		mg/L	0.50	0.34	10/24/25	10/25/25
Thallium	ND		mg/L	0.030	0.011	10/24/25	10/25/25
Vanadium	ND		mg/L	0.010	0.0012	10/24/25	10/25/25
Zinc	ND		mg/L	0.050	0.013	10/24/25	10/25/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1306745**	**Batch:**	**385580**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306745 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aluminum	0.3755	0.4000	mg/L	94%		80-120
Antimony	0.3722	0.4000	mg/L	93%		80-120
Arsenic	0.3551	0.4000	mg/L	89%		80-120
Barium	0.3707	0.4000	mg/L	93%		80-120
Beryllium	0.3598	0.4000	mg/L	90%		80-120
Boron	0.3506	0.4000	mg/L	88%		80-120
Cadmium	0.3647	0.4000	mg/L	91%		80-120
Calcium	18.67	20.40	mg/L	92%		80-120
Chromium	0.3605	0.4000	mg/L	90%		80-120
Cobalt	0.3569	0.4000	mg/L	89%		80-120
Copper	0.3510	0.4000	mg/L	88%		80-120
Iron	0.3758	0.4000	mg/L	94%		80-120
Lead	0.3647	0.4000	mg/L	91%		80-120
Magnesium	19.46	20.40	mg/L	95%		80-120
Manganese	0.3618	0.4000	mg/L	90%		80-120
Molybdenum	0.3609	0.4000	mg/L	90%		80-120
Nickel	0.3641	0.4000	mg/L	91%		80-120
Potassium	22.13	24.00	mg/L	92%		80-120
Selenium	0.3434	0.4000	mg/L	86%		80-120
Silver	0.1816	0.2000	mg/L	91%		80-120
Sodium	19.05	20.40	mg/L	93%		80-120
Thallium	0.3805	0.4000	mg/L	95%		80-120
Vanadium	0.3681	0.4000	mg/L	92%		80-120
Zinc	0.3726	0.4000	mg/L	93%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1306756**	**Batch:**	**385580**
Matrix (Source ID):	**Water (545108-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306756 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aluminum	0.4522	0.03492	0.4000	mg/L	104%		75-125	1
Antimony	0.3751	ND	0.4000	mg/L	94%		75-125	1
Arsenic	0.4118	0.04779	0.4000	mg/L	91%		75-125	1
Barium	0.4411	0.08265	0.4000	mg/L	90%		75-125	1
Beryllium	0.3480	ND	0.4000	mg/L	87%		75-125	1
Boron	1.216	0.8673	0.4000	mg/L	87%		75-125	1
Cadmium	0.3369	ND	0.4000	mg/L	84%		75-125	1
Calcium	419.7	407.6	20.40	mg/L	59%	NM	75-125	1
Chromium	0.3450	ND	0.4000	mg/L	86%		75-125	1
Cobalt	0.3469	0.006093	0.4000	mg/L	85%		75-125	1
Copper	0.3859	ND	0.4000	mg/L	96%		75-125	1
Iron	33.99	34.08	0.4000	mg/L	-22%	NM	75-125	1
Lead	0.3422	ND	0.4000	mg/L	86%		75-125	1
Magnesium	489.6	477.2	20.40	mg/L	61%	NM	75-125	1
Manganese	7.537	7.288	0.4000	mg/L	62%	NM	75-125	1
Molybdenum	0.3661	0.01176	0.4000	mg/L	89%		75-125	1
Nickel	0.3691	0.02739	0.4000	mg/L	85%		75-125	1
Potassium	66.38	44.86	24.00	mg/L	90%		75-125	1
Selenium	0.3511	ND	0.4000	mg/L	88%		75-125	1
Silver	0.1948	ND	0.2000	mg/L	97%		75-125	1
Sodium	581.2	570.3	20.40	mg/L	54%	NM	75-125	1
Thallium	0.3681	ND	0.4000	mg/L	92%		75-125	1
Vanadium	0.3656	0.003067	0.4000	mg/L	91%		75-125	1
Zinc	0.3377	ND	0.4000	mg/L	84%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1306757**	**Batch:**	**385580**
Matrix (Source ID):	**Water (545108-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1306757 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aluminum	0.4782	0.03492	0.4000	mg/L	111%		75-125	6	25	1
Antimony	0.3930	ND	0.4000	mg/L	98%		75-125	5	20	1
Arsenic	0.4256	0.04779	0.4000	mg/L	94%		75-125	3	20	1
Barium	0.4553	0.08265	0.4000	mg/L	93%		75-125	3	20	1
Beryllium	0.3642	ND	0.4000	mg/L	91%		75-125	5	20	1
Boron	1.225	0.8673	0.4000	mg/L	89%		75-125	1	20	1
Cadmium	0.3523	ND	0.4000	mg/L	88%		75-125	4	20	1
Calcium	420.5	407.6	20.40	mg/L	63%	NM	75-125	0	20	1
Chromium	0.3603	ND	0.4000	mg/L	90%		75-125	4	20	1
Cobalt	0.3624	0.006093	0.4000	mg/L	89%		75-125	4	20	1
Copper	0.4034	ND	0.4000	mg/L	101%		75-125	4	20	1
Iron	33.78	34.08	0.4000	mg/L	-75%	NM	75-125	1	22	1
Lead	0.3567	ND	0.4000	mg/L	89%		75-125	4	20	1
Magnesium	491.4	477.2	20.40	mg/L	70%	NM	75-125	0	20	1
Manganese	7.493	7.288	0.4000	mg/L	51%	NM	75-125	1	20	1
Molybdenum	0.3812	0.01176	0.4000	mg/L	92%		75-125	4	20	1
Nickel	0.3842	0.02739	0.4000	mg/L	89%		75-125	4	20	1
Potassium	69.23	44.86	24.00	mg/L	102%		75-125	4	20	1
Selenium	0.3645	ND	0.4000	mg/L	91%		75-125	4	20	1
Silver	0.2036	ND	0.2000	mg/L	102%		75-125	4	20	1
Sodium	582.4	570.3	20.40	mg/L	59%	NM	75-125	0	20	1
Thallium	0.3858	ND	0.4000	mg/L	96%		75-125	5	20	1
Vanadium	0.3820	0.003067	0.4000	mg/L	95%		75-125	4	20	1
Zinc	0.3535	ND	0.4000	mg/L	88%		75-125	5	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Serial Dilution	Lab ID:	QC1306808	Batch:	385580
Matrix (Source ID):	Water (545108-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1306808 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Aluminum	ND	0.03492	mg/L				5
Antimony	ND	ND	mg/L				5
Arsenic	0.04125	0.04779	mg/L	J			5
Barium	0.08106	0.08265	mg/L				5
Beryllium	ND	ND	mg/L				5
Boron	0.8425	0.8673	mg/L				5
Cadmium	ND	ND	mg/L				5
Calcium	423.9	407.6	mg/L				5
Chromium	ND	ND	mg/L				5
Cobalt	ND	0.006093	mg/L				5
Copper	ND	ND	mg/L				5
Iron	35.24	34.08	mg/L				5
Lead	ND	ND	mg/L				5
Magnesium	482.7	477.2	mg/L				5
Manganese	7.515	7.288	mg/L				5
Molybdenum	ND	0.01176	mg/L				5
Nickel	0.03007	0.02739	mg/L	J			5
Potassium	42.23	44.86	mg/L				5
Selenium	ND	ND	mg/L				5
Silver	ND	ND	mg/L				5
Sodium	568.3	570.3	mg/L				5
Thallium	ND	ND	mg/L				5
Vanadium	ND	0.003067	mg/L				5
Zinc	ND	ND	mg/L				5

Type:	Blank	Lab ID:	QC1306782	Batch:	385599
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306782 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.032	10/24/25	10/25/25

Type:	Lab Control Sample	Lab ID:	QC1306783	Batch:	385599
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306783 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	4.856	5.000	ug/L	97%		80-120

Type:	Matrix Spike	Lab ID:	QC1306784	Batch:	385599
Matrix (Source ID):	Water (545311-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306784 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	949.3	23.46	1000	ug/L	93%		75-125	200

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1306785	Batch:	385599
Matrix (Source ID):	Water (545311-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1306785 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	962.8	23.46	1000	ug/L	94%		75-125	1	20	200

Type:	Lab Control Sample	Lab ID:	QC1308600	Batch:	386138
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1308600 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	58.30	50.00	ug/L	117%		69-128
MTBE	59.37	50.00	ug/L	119%		66-125
Benzene	49.38	50.00	ug/L	99%		76-121
Trichloroethene	52.36	50.00	ug/L	105%		76-124
Toluene	50.69	50.00	ug/L	101%		76-120
Chlorobenzene	50.76	50.00	ug/L	102%		78-120
Surrogates						
Dibromofluoromethane	52.16	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	53.30	50.00	ug/L	107%		70-130
Toluene-d8	49.84	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.78	50.00	ug/L	100%		70-130

Type:	Lab Control Sample Duplicate	Lab ID:	QC1308601	Batch:	386138
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1308601 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.68	50.00	ug/L	111%		69-128	5	23
MTBE	56.00	50.00	ug/L	112%		66-125	6	22
Benzene	48.37	50.00	ug/L	97%		76-121	2	21
Trichloroethene	50.51	50.00	ug/L	101%		76-124	4	22
Toluene	49.51	50.00	ug/L	99%		76-120	2	21
Chlorobenzene	50.38	50.00	ug/L	101%		78-120	1	20
Surrogates								
Dibromofluoromethane	52.48	50.00	ug/L	105%		70-130		
1,2-Dichloroethane-d4	52.75	50.00	ug/L	106%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.55	50.00	ug/L	99%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1308603	Batch: 386138
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1308603 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.08	10/31/25	10/31/25
Chloromethane	ND		ug/L	1.0	0.09	10/31/25	10/31/25
Vinyl Chloride	ND		ug/L	0.5	0.06	10/31/25	10/31/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	10/31/25	10/31/25
Methylene Chloride	ND		ug/L	10	0.2	10/31/25	10/31/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	10/31/25	10/31/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	10/31/25	10/31/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	10/31/25	10/31/25
Benzene	ND		ug/L	0.5	0.03	10/31/25	10/31/25
Trichloroethene	ND		ug/L	0.5	0.05	10/31/25	10/31/25
Tetrachloroethene	ND		ug/L	0.5	0.1	10/31/25	10/31/25
1,4-Dichlorobenzene	0.1	J	ug/L	0.5	0.09	10/31/25	10/31/25
Surrogates				**Limits**			
Dibromofluoromethane	103%		%REC	70-130		10/31/25	10/31/25
1,2-Dichloroethane-d4	98%		%REC	70-130		10/31/25	10/31/25
Toluene-d8	101%		%REC	70-130		10/31/25	10/31/25
Bromofluorobenzene	100%		%REC	70-130		10/31/25	10/31/25

Type: Matrix Spike	Lab ID: QC1308718	Batch: 386138
Matrix (Source ID): Water (545199-005)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1308718 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.89	0.4421	20.00	ug/L	82%		62-131	1
MTBE	15.80	ND	20.00	ug/L	79%		61-124	1
Benzene	15.62	1.663	20.00	ug/L	70%		70-123	1
Trichloroethene	17.02	1.494	20.00	ug/L	78%		65-131	1
Toluene	15.46	0.2127	20.00	ug/L	76%		69-120	1
Chlorobenzene	15.39	ND	20.00	ug/L	77%		72-121	1
Surrogates								
Dibromofluoromethane	52.03		50.00	ug/L	104%		70-130	1
1,2-Dichloroethane-d4	49.91		50.00	ug/L	100%		70-130	1
Toluene-d8	51.47		50.00	ug/L	103%		70-130	1
Bromofluorobenzene	49.65		50.00	ug/L	99%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1308719	Batch:	386138
Matrix (Source ID):	Water (545199-005)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1308719 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	17.94	0.4421	20.00	ug/L	88%		62-131	6	31	1
MTBE	16.42	ND	20.00	ug/L	82%		61-124	4	30	1
Benzene	15.99	1.663	20.00	ug/L	72%		70-123	2	31	1
Trichloroethene	17.22	1.494	20.00	ug/L	79%		65-131	1	31	1
Toluene	16.03	0.2127	20.00	ug/L	79%		69-120	4	29	1
Chlorobenzene	15.56	ND	20.00	ug/L	78%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	52.34		50.00	ug/L	105%		70-130			1
1,2-Dichloroethane-d4	50.87		50.00	ug/L	102%		70-130			1
Toluene-d8	50.74		50.00	ug/L	101%		70-130			1
Bromofluorobenzene	49.69		50.00	ug/L	99%		70-130			1

Type:	Blank	Lab ID:	QC1307978	Batch:	385974
Matrix:	Water	Method:	EPA 8270C	Prep Method:	EPA 3510C

QC1307978 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Phenol	ND		ug/L	10	2.1	10/29/25	10/30/25
Aniline	ND		ug/L	10	2.8	10/29/25	10/30/25
Benzyl alcohol	ND		ug/L	25	5.8	10/29/25	10/30/25
2-Methylphenol	ND		ug/L	10	3.2	10/29/25	10/30/25
3-,4-Methylphenol	ND		ug/L	10	3.0	10/29/25	10/30/25
Surrogates				**Limits**			
2-Fluorophenol	41%		%REC	15-120		10/29/25	10/30/25
Phenol-d6	28%		%REC	15-120		10/29/25	10/30/25
2,4,6-Tribromophenol	81%		%REC	15-140		10/29/25	10/30/25
Nitrobenzene-d5	72%		%REC	15-123		10/29/25	10/30/25
2-Fluorobiphenyl	70%		%REC	15-120		10/29/25	10/30/25
Terphenyl-d14	102%		%REC	15-120		10/29/25	10/30/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1307979**	**Batch:**	**385974**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1307979 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	28.40	75.00	ug/L	38%		14-120
2-Chlorophenol	54.40	75.00	ug/L	73%		46-120
1,4-Dichlorobenzene	47.33	75.00	ug/L	63%		42-120
3-,4-Methylphenol	58.72	75.00	ug/L	78%		40-120
N-Nitroso-di-n-propylamine	70.41	75.00	ug/L	94%		54-121
2,4-Dimethylphenol	66.20	75.00	ug/L	88%		48-120
1,2,4-Trichlorobenzene	54.11	75.00	ug/L	72%		45-120
4-Chloro-3-methylphenol	83.44	75.00	ug/L	111%		60-121
2,4,5-Trichlorophenol	81.78	75.00	ug/L	109%		62-124
Acenaphthene	67.91	75.00	ug/L	91%		56-120
4-Nitrophenol	39.52	75.00	ug/L	53%		17-120
2,4-Dinitrotoluene	92.69	75.00	ug/L	124%		69-127
Pentachlorophenol	64.11	75.00	ug/L	85%		51-120
Pyrene	84.30	75.00	ug/L	112%		68-123
Chrysene	83.89	75.00	ug/L	112%		66-120
Benzo(b)fluoranthene	87.00	75.00	ug/L	116%		67-120
Surrogates						
2-Fluorophenol	18.94	40.00	ug/L	47%		15-120
Phenol-d6	13.00	40.00	ug/L	33%		15-120
2,4,6-Tribromophenol	40.42	40.00	ug/L	101%		15-140
Nitrobenzene-d5	29.60	40.00	ug/L	74%		15-123
2-Fluorobiphenyl	30.87	40.00	ug/L	77%		15-120
Terphenyl-d14	41.46	40.00	ug/L	104%		15-120

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1307980	Batch: 385974
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1307980 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Phenol	44.59	75.00	ug/L	59%		14-120	44	52
2-Chlorophenol	59.25	75.00	ug/L	79%		46-120	9	52
1,4-Dichlorobenzene	49.79	75.00	ug/L	66%		42-120	5	53
3-,4-Methylphenol	82.85	75.00	ug/L	110%		40-120	34	51
N-Nitroso-di-n-propylamine	74.22	75.00	ug/L	99%		54-121	5	52
2,4-Dimethylphenol	77.22	75.00	ug/L	103%		48-120	15	52
1,2,4-Trichlorobenzene	59.61	75.00	ug/L	79%		45-120	10	54
4-Chloro-3-methylphenol	82.07	75.00	ug/L	109%		60-121	2	47
2,4,5-Trichlorophenol	80.06	75.00	ug/L	107%		62-124	2	46
Acenaphthene	66.56	75.00	ug/L	89%		56-120	2	46
4-Nitrophenol	38.94	75.00	ug/L	52%		17-120	1	44
2,4-Dinitrotoluene	91.94	75.00	ug/L	123%		69-127	1	40
Pentachlorophenol	66.21	75.00	ug/L	88%		51-120	3	42
Pyrene	83.64	75.00	ug/L	112%		68-123	1	39
Chrysene	83.70	75.00	ug/L	112%		66-120	0	38
Benzo(b)fluoranthene	87.95	75.00	ug/L	117%		67-120	1	39
Surrogates								
2-Fluorophenol	20.64	40.00	ug/L	52%		15-120		
Phenol-d6	14.15	40.00	ug/L	35%		15-120		
2,4,6-Tribromophenol	40.48	40.00	ug/L	101%		15-140		
Nitrobenzene-d5	32.76	40.00	ug/L	82%		15-123		
2-Fluorobiphenyl	31.49	40.00	ug/L	79%		15-120		
Terphenyl-d14	41.79	40.00	ug/L	104%		15-120		

Type: Blank	Lab ID: QC1307046	Batch: 385666
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1307046 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	10/25/25	10/28/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		10/25/25	10/28/25

Type: Lab Control Sample	Lab ID: QC1307047	Batch: 385666
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1307047 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.57	10.00	ug/L	106%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.08	10.00	ug/L	101%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1307048	Batch:	385666
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1307048 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	10.29	10.00	ug/L	103%		79-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.922	10.00	ug/L	99%		80-120		

Type:	Blank	Lab ID:	QC1308157	Batch:	386030
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308157 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		10/29/25	10/29/25

Type:	Lab Control Sample	Lab ID:	QC1308158	Batch:	386030
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308158 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1308159	Batch:	386030
Matrix (Source ID):	Water (545193-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308159 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1308160	Batch:	386030
Matrix (Source ID):	Water (545193-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308160 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	12	20	1

Type:	Blank	Lab ID:	QC1307104	Batch:	385682
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307104 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	10/26/25	10/26/25

Type:	Lab Control Sample	Lab ID:	QC1307105	Batch:	385682
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307105 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.67	25.00	mg/L	99%		85-115

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1307106	Batch:	385682
Matrix (Source ID):	Water (545029-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307106 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.88	1.970	25.00	mg/L	108%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1307107	Batch:	385682
Matrix (Source ID):	Water (545029-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307107 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	28.64	1.970	25.00	mg/L	107%		75-125	1	25	1

Type:	Blank	Lab ID:	QC1307742	Batch:	385894
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1307742 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		10/31/25	10/31/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		10/31/25	10/31/25

Type:	Lab Control Sample	Lab ID:	QC1307743	Batch:	385894
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1307743 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	981.1	1000	mg/L	98%		90-110

Type:	Sample Duplicate	Lab ID:	QC1307744	Batch:	385894
Matrix (Source ID):	Water (544966-001)	Method:	SM2320B	Prep Method:	METHOD

QC1307744 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	566.0	568.9	mg/L		0	20	5
Alkalinity, Total as CaCO3	566.0	568.9	mg/L		0	20	5

Type:	Blank	Lab ID:	QC1307711	Batch:	385882
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1307711 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		10/28/25	10/29/25

Type:	Lab Control Sample	Lab ID:	QC1307712	Batch:	385882
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1307712 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,006	1000	mg/L	101%		90-110

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1307713**	**Batch:**	**385882**
Matrix (Source ID):	**Water (545029-001)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1307713 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	950.0	930.0	mg/L		2	5	2

Type:	**Sample Duplicate**	**Lab ID:**	**QC1307714**	**Batch:**	**385882**
Matrix (Source ID):	**Water (545089-004)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1307714 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	926.0	910.0	mg/L		2	5	2

E	Response exceeds instrument's linear range
J	Estimated value
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 545193

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2510K95

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-545193

Project Location:
Project Received: 10/24/2025

Analytical Report reviewed & approved for release on 10/30/2025 by:

Ana Venegas
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510K95

Project: EO-545193

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510K95

Project: EO-545193

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K95
Date Received:	10/24/2025 10:09	**Extraction Method:**	RSK175
Date Prepared:	10/28/2025	**Analytical Method:**	RSK175
Project:	EO-545193	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2510K95-001A	Water	10/23/2025	GC26 1028250907.D	328937

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**540**	50	50	1	10/28/2025 13:01

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2510K95-002A	Water	10/23/2025	GC26 1028250908.D	328937

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**320**	50	50	1	10/28/2025 13:19

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2510K95-003A	Water	10/23/2025	GC26 1028250909.D	328937

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**2900**	100	100	2	10/28/2025 13:48

Analyst(s): CLO

(Cont.)

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K95
Date Received:	10/24/2025 10:09	**Extraction Method:**	RSK175
Date Prepared:	10/28/2025	**Analytical Method:**	RSK175
Project:	EO-545193	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2510K95-004A	Water	10/23/2025	GC26 1028250910.D	328937

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**12,000**	500	500	10	10/28/2025 15:14

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510K95
Date Prepared:	10/28/2025	**BatchID:**	328937
Date Analyzed:	10/28/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-545193	**Sample ID:**	MB/LCS/LCSD-328937

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	160	187.2	73	87	70-130	18.4	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2510K95 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-545193

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **10/24/2025**
Date Logged: **10/24/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2510K95-001	DW-14	Water	10/23/2025 00:00	☐	A	A										
2510K95-002	DW-17	Water	10/23/2025 00:00	☐	A	A										
2510K95-003	DW-30	Water	10/23/2025 00:00	☐	A	A										
2510K95-004	DW-15	Water	10/23/2025 00:00	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Emily Perez

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-545193 **Work Order:** 2510K95
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 10/24/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-14	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/23/2025	5 days	10/31/2025	None	☐	☐
002A	DW-17	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/23/2025	5 days	10/31/2025	None	☐	☐
003A	DW-30	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/23/2025	5 days	10/31/2025	None	☐	☐
004A	DW-15	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/23/2025	5 days	10/31/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2510k95

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-545193
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

CO_2 only

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-14	23-OCT-2025 00:00	545193-001	2	Water	RSK-175 CO2	
DW-17	23-OCT-2025 00:00	545193-002	2	Water	RSK-175 CO2	
DW-30	23-OCT-2025 00:00	545193-003	2	Water	RSK-175 CO2	
DW-15	23-OCT-2025 00:00	545193-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Jim L.	GLS
	Date: 10.23.25 3pm	Date: 10.23.25 3pm
	GLS	Emily Ro
	Date: 10.24.25	Date: 10/24/25 1009
	Date:	Date:

GIS:563653090

3.1 wet
IP33

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	10/24/2025 10:09
Project:	EO-545193	Date Logged:	10/24/2025
		Received by:	
WorkOrder №:	2510K95 Matrix:	Logged by:	Emily Perez
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 545362
Report Level : II
Report Date : 11/12/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	545362 GW MONITORING Chiquita Canyon Landfill 10/27/25

Sample ID	Lab ID	Collected	Matrix
DW-8	545362-001	10/27/25 08:45	Water
DW-1	545362-002	10/27/25 10:09	Water
DW-16	545362-003	10/27/25 11:15	Water
DW-3	545362-004	10/27/25 12:20	Water
QCFB	545362-005	10/27/25 08:49	Water
QCTB	545362-006	10/27/25 00:00	Water

ENTHALPY ANALYTICAL

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 545362 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 10/27/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 10/28/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- 1,4-dichlorobenzene was detected between the MDL and the RL in the method blank for batch 386847; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Low recoveries were observed for bromide in the MS/MSD for batch 385892; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545362

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

IR-18
Temp 5.3°C/40.3

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-8	10/27/25	845	W	15	var.	X	X	X	X	X	X	X	X	X
2	DW-1		1009				X	X	X	X	X	X	X	X	X
3	DW-16		1115				X	X	X	X	X	X	X	X	X
4	DW-3		1220				X	X	X	X	X	X	X	X	X
5	QCFB		849		3		X								
6	QCTB	—	—		2		X								
7															
8															
9															
10															

Login 545362

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/27/25 14:00
[1] Received By:		Alicer	EA/NH	10/27/25 14:00
[2] Relinquished By:		Alicer	EA/NH	10/28/25 9:00
[2] Received By:		Gena O.	EA/NH	10/28/25 9:00
[3] Relinquished By:		Gena O.	EA/NH	10/28/25 12:58
[3] Received By:		Leo Brady	EA/NH	10-28-25/1435
		Leo Brady	EA/NH	10-28-25/1524

Rec: Adonis EA 10/28/25 1524

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545362

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

IR-18
Temp 5.3°C / +0.3

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Analysis Request: 2-Methylphenol, 3&4-Methylphenol, Aniline, Benzyl alcohol, Phenol (8270)	Analysis Request: Metals: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, V, Zn
1	DW-8	10/27/25	845	W	15	var.	X	X
2	DW-1	"	1009	"	"	"	X	X
3	DW-16	"	1115	"	"	"	X	X
4	DW-3	"	1220	"	"	"	X	X
5	QCFB	"	849	"	3	"		
6	QCTB	—	—	"	2	"		
7								
8								
9								
10								

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/27/25 14:00
[1] Received By:		Alice T	EA/NT	10/27/25 16:00
[2] Relinquished By:		Alice T	EA/NT	10/28/25 9:00
[2] Received By:		GENA O	EANT	10/28/25 9:00
[3] Relinquished By:		GENA O	EANT	10/28/25 12:56
[3] Received By:		Leo Brady	eath	10-28-25/1435
		Leo Brady	eath	10-28-25/1524

Rec: ADD's EA 10/28/25 1524

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/27/25 WO# 545362 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 10/27/25 By (initials) AXT Type of ice used: ☐ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____/____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 1/2/10.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☐ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☒ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments

☐ PM notified

Date Logged 10/27/25 By (print) AXT (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/28/25 WO# 545362 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging LXB ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10/28/25 By (initials) ~~DXS~~ ① Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____/_____ Thermometer/IR Gun: IR 18 CF: +0.3

Cooler Temp (°C) #1: 5.3 /5.6 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 10/27/25 **By (print)** AXT **(sign)** N/A

Date Labeled 10/27/25 **By (print)** AXT **(sign)** N/A

① A1300 10/28/25

ENTHALPY ANALYTICAL

Analysis Results for 545362

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 545362
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 10/27/25

Sample ID: DW-8 **Lab ID: 545362-001** **Collected: 10/27/25 08:45**
Matrix: Water

545362-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.18**	J	mg/L	0.20	0.073	1	385892	10/28/25 18:00	10/28/25 23:00	AJL
Chloride	**66**		mg/L	1.0	0.27	1	385892	10/28/25 18:00	10/28/25 23:00	AJL
Bromide	**0.15**	J	mg/L	0.30	0.060	1	385892	10/28/25 18:00	10/28/25 23:00	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	385892	10/28/25 18:00	10/28/25 23:00	AJL
Sulfate	**2,900**		mg/L	50	9.1	50	385892	10/28/25 18:00	10/28/25 23:50	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	**0.98**		mg/L	0.10	0.050	1	386536	11/05/25	11/05/25	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**12**		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Arsenic	ND		mg/L	0.010	0.0045	1	385944	10/29/25	10/29/25	CAP
Barium	**0.0054**	J	mg/L	0.010	0.0022	1	385944	10/29/25	10/29/25	CAP
Beryllium	ND		mg/L	0.0050	0.00017	1	385944	10/29/25	10/29/25	CAP
Boron	**1.0**		mg/L	0.050	0.0055	1	385944	10/29/25	10/29/25	CAP
Cadmium	ND		mg/L	0.0050	0.00096	1	385944	10/29/25	10/29/25	CAP
Calcium	**340**		mg/L	1.0	0.57	1	385944	10/29/25	10/29/25	CAP
Chromium	ND		mg/L	0.010	0.0023	1	385944	10/29/25	10/29/25	CAP
Cobalt	ND		mg/L	0.0050	0.0022	1	385944	10/29/25	10/29/25	CAP
Copper	ND		mg/L	0.010	0.0059	1	385944	10/29/25	10/29/25	CAP
Iron	**5.1**		mg/L	0.10	0.046	1	385944	10/29/25	10/29/25	CAP
Lead	ND		mg/L	0.010	0.0028	1	385944	10/29/25	10/29/25	CAP
Magnesium	**200**		mg/L	0.10	0.025	1	385944	10/29/25	10/29/25	CAP
Manganese	**0.062**		mg/L	0.010	0.0029	1	385944	10/29/25	10/29/25	CAP
Nickel	ND		mg/L	0.010	0.0033	1	385944	10/29/25	10/29/25	CAP
Potassium	**6.4**		mg/L	0.50	0.40	1	385944	10/29/25	10/29/25	CAP
Selenium	ND		mg/L	0.030	0.0098	1	385944	10/29/25	10/29/25	CAP
Silver	ND		mg/L	0.0050	0.0015	1	385944	10/29/25	10/29/25	CAP
Sodium	**590**		mg/L	0.60	0.35	1	385944	10/29/25	10/29/25	CAP
Thallium	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Vanadium	ND		mg/L	0.010	0.0012	1	385944	10/29/25	10/29/25	CAP
Zinc	ND		mg/L	0.050	0.013	1	385944	10/29/25	10/29/25	CAP

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

545362-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	**0.040**	J	ug/L	0.40	0.032	1	385931	10/29/25	10/29/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386847	11/08/25	11/08/25	HMN
Chloromethane	ND		ug/L	1.0	0.09	1	386847	11/08/25	11/08/25	HMN
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	HMN
Methylene Chloride	ND		ug/L	10	0.2	1	386847	11/08/25	11/08/25	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	HMN
Benzene	ND		ug/L	0.5	0.03	1	386847	11/08/25	11/08/25	HMN
Trichloroethene	ND		ug/L	0.5	0.05	1	386847	11/08/25	11/08/25	HMN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	HMN
1,4-Dichlorobenzene	**0.1**	B,J	ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	100%		%REC	70-130		1	386847	11/08/25	11/08/25	HMN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	386847	11/08/25	11/08/25	HMN
Toluene-d8	101%		%REC	70-130		1	386847	11/08/25	11/08/25	HMN
Bromofluorobenzene	104%		%REC	70-130		1	386847	11/08/25	11/08/25	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	385981	10/29/25	11/04/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	385981	10/29/25	11/04/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.5	2.0	0.95	386146	10/31/25	10/31/25	ZFA
Aniline	ND		ug/L	9.5	2.7	0.95	386146	10/31/25	10/31/25	ZFA
Benzyl alcohol	ND		ug/L	24	5.5	0.95	386146	10/31/25	10/31/25	ZFA
2-Methylphenol	ND		ug/L	9.5	3.1	0.95	386146	10/31/25	10/31/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.5	2.9	0.95	386146	10/31/25	10/31/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	43%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
Phenol-d6	27%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
2,4,6-Tribromophenol	73%		%REC	15-140		0.95	386146	10/31/25	10/31/25	ZFA
Nitrobenzene-d5	76%		%REC	15-123		0.95	386146	10/31/25	10/31/25	ZFA
2-Fluorobiphenyl	75%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
Terphenyl-d14	78%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**0.73**	J	mg/L	1.0	0.49	1	385955	10/29/25	10/29/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**360**		mg/L	10		5	386421	11/05/25	11/05/25	BDR

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

545362-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Alkalinity, Total as CaCO3	**360**		mg/L	10		5	386421	11/05/25	11/05/25	BDR
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**4,600**		mg/L	40		4	386003	11/01/25	11/02/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

Sample ID: DW-1	Lab ID: 545362-002	Collected: 10/27/25 10:09
	Matrix: Water	

545362-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.80**		mg/L	0.20	0.073	1	385892	10/28/25 18:00	10/29/25 00:07	AJL
Chloride	**110**		mg/L	1.0	0.27	1	385892	10/28/25 18:00	10/29/25 00:07	AJL
Bromide	**0.23**	J	mg/L	0.30	0.060	1	385892	10/28/25 18:00	10/29/25 00:07	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	385892	10/28/25 18:00	10/29/25 00:07	AJL
Sulfate	**370**		mg/L	10	1.8	10	385892	10/28/25 18:00	10/29/25 00:24	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386536	11/05/25	11/05/25	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**10**		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Arsenic	ND		mg/L	0.010	0.0045	1	385944	10/29/25	10/29/25	CAP
Barium	**0.050**		mg/L	0.010	0.0022	1	385944	10/29/25	10/29/25	CAP
Beryllium	ND		mg/L	0.0050	0.00017	1	385944	10/29/25	10/29/25	CAP
Boron	**0.22**		mg/L	0.050	0.0055	1	385944	10/29/25	10/29/25	CAP
Cadmium	ND		mg/L	0.0050	0.00096	1	385944	10/29/25	10/29/25	CAP
Calcium	**55**		mg/L	1.0	0.57	1	385944	10/29/25	10/29/25	CAP
Chromium	ND		mg/L	0.010	0.0023	1	385944	10/29/25	10/29/25	CAP
Cobalt	ND		mg/L	0.0050	0.0022	1	385944	10/29/25	10/29/25	CAP
Copper	ND		mg/L	0.010	0.0059	1	385944	10/29/25	10/29/25	CAP
Iron	ND		mg/L	0.10	0.046	1	385944	10/29/25	10/29/25	CAP
Lead	ND		mg/L	0.010	0.0028	1	385944	10/29/25	10/29/25	CAP
Magnesium	**10**		mg/L	0.10	0.025	1	385944	10/29/25	10/29/25	CAP
Manganese	**0.044**		mg/L	0.010	0.0029	1	385944	10/29/25	10/29/25	CAP
Nickel	ND		mg/L	0.010	0.0033	1	385944	10/29/25	10/29/25	CAP
Potassium	**2.4**		mg/L	0.50	0.40	1	385944	10/29/25	10/29/25	CAP
Selenium	ND		mg/L	0.030	0.0098	1	385944	10/29/25	10/29/25	CAP
Silver	ND		mg/L	0.0050	0.0015	1	385944	10/29/25	10/29/25	CAP
Sodium	**220**		mg/L	0.60	0.35	1	385944	10/29/25	10/29/25	CAP
Thallium	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Vanadium	ND		mg/L	0.010	0.0012	1	385944	10/29/25	10/29/25	CAP
Zinc	ND		mg/L	0.050	0.013	1	385944	10/29/25	10/29/25	CAP
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	ND		ug/L	0.40	0.032	1	385931	10/29/25	10/29/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**0.2**	J	ug/L	1.0	0.08	1	386847	11/08/25	11/08/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

545362-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chloromethane	ND		ug/L	1.0	0.09	1	386847	11/08/25	11/08/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethane	**0.2**	J	ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386847	11/08/25	11/08/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386847	11/08/25	11/08/25	ZST
Tetrachloroethene	**0.3**	J	ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
1,4-Dichlorobenzene	**0.1**	B,J	ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Toluene-d8	102%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	385981	10/29/25	11/04/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	385981	10/29/25	11/04/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.7	2.0	0.97	386146	10/31/25	10/31/25	ZFA
Aniline	ND		ug/L	9.7	2.8	0.97	386146	10/31/25	10/31/25	ZFA
Benzyl alcohol	ND		ug/L	24	5.6	0.97	386146	10/31/25	10/31/25	ZFA
2-Methylphenol	ND		ug/L	9.7	3.1	0.97	386146	10/31/25	10/31/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.7	2.9	0.97	386146	10/31/25	10/31/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	47%		%REC	15-120		0.97	386146	10/31/25	10/31/25	ZFA
Phenol-d6	28%		%REC	15-120		0.97	386146	10/31/25	10/31/25	ZFA
2,4,6-Tribromophenol	73%		%REC	15-140		0.97	386146	10/31/25	10/31/25	ZFA
Nitrobenzene-d5	81%		%REC	15-123		0.97	386146	10/31/25	10/31/25	ZFA
2-Fluorobiphenyl	86%		%REC	15-120		0.97	386146	10/31/25	10/31/25	ZFA
Terphenyl-d14	82%		%REC	15-120		0.97	386146	10/31/25	10/31/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	385955	10/29/25	10/29/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	10		5	386421	11/05/25	11/05/25	BDR
Alkalinity, Total as CaCO3	**190**		mg/L	10		5	386421	11/05/25	11/05/25	BDR
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**940**		mg/L	20		2	386003	11/01/25	11/02/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

Sample ID: DW-16	Lab ID: 545362-003	Collected: 10/27/25 11:15
	Matrix: Water	

545362-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.43**		mg/L	0.20	0.073	1	385892	10/28/25 18:00	10/29/25 00:41	AJL
Chloride	**110**		mg/L	1.0	0.27	1	385892	10/28/25 18:00	10/29/25 00:41	AJL
Bromide	**0.18**	J	mg/L	0.30	0.060	1	385892	10/28/25 18:00	10/29/25 00:41	AJL
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	385892	10/28/25 18:00	10/29/25 00:41	AJL
Sulfate	**190**		mg/L	10	1.8	10	385892	10/28/25 18:00	10/29/25 00:58	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386536	11/05/25	11/05/25	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**5.0**		mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Arsenic	ND		mg/L	0.010	0.0045	1	385944	10/29/25	10/29/25	CAP
Barium	**0.015**		mg/L	0.010	0.0022	1	385944	10/29/25	10/29/25	CAP
Beryllium	ND		mg/L	0.0050	0.00017	1	385944	10/29/25	10/29/25	CAP
Boron	**0.13**		mg/L	0.050	0.0055	1	385944	10/29/25	10/29/25	CAP
Cadmium	ND		mg/L	0.0050	0.00096	1	385944	10/29/25	10/29/25	CAP
Calcium	**6.7**		mg/L	1.0	0.57	1	385944	10/29/25	10/29/25	CAP
Chromium	ND		mg/L	0.010	0.0023	1	385944	10/29/25	10/29/25	CAP
Cobalt	ND		mg/L	0.0050	0.0022	1	385944	10/29/25	10/29/25	CAP
Copper	ND		mg/L	0.010	0.0059	1	385944	10/29/25	10/29/25	CAP
Iron	ND		mg/L	0.10	0.046	1	385944	10/29/25	10/29/25	CAP
Lead	ND		mg/L	0.010	0.0028	1	385944	10/29/25	10/29/25	CAP
Magnesium	**0.38**		mg/L	0.10	0.025	1	385944	10/29/25	10/29/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	385944	10/29/25	10/29/25	CAP
Nickel	ND		mg/L	0.010	0.0033	1	385944	10/29/25	10/29/25	CAP
Potassium	**0.85**		mg/L	0.50	0.40	1	385944	10/29/25	10/29/25	CAP
Selenium	**0.018**	J	mg/L	0.030	0.0098	1	385944	10/29/25	10/29/25	CAP
Silver	ND		mg/L	0.0050	0.0015	1	385944	10/29/25	10/29/25	CAP
Sodium	**240**		mg/L	0.60	0.35	1	385944	10/29/25	10/29/25	CAP
Thallium	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Vanadium	**0.0087**	J	mg/L	0.010	0.0012	1	385944	10/29/25	10/29/25	CAP
Zinc	**0.085**		mg/L	0.050	0.013	1	385944	10/29/25	10/29/25	CAP
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	ND		ug/L	0.40	0.032	1	385931	10/29/25	10/29/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**0.2**	J	ug/L	1.0	0.08	1	386847	11/08/25	11/08/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

545362-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chloromethane	ND		ug/L	1.0	0.09	1	386847	11/08/25	11/08/25	ZST
Vinyl Chloride	**0.08**	J	ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Methylene Chloride	**0.5**	J	ug/L	10	0.2	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethane	**1.3**		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
cis-1,2-Dichloroethene	**0.8**		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
Benzene	**0.2**	J	ug/L	0.5	0.03	1	386847	11/08/25	11/08/25	ZST
Trichloroethene	**0.6**		ug/L	0.5	0.05	1	386847	11/08/25	11/08/25	ZST
Tetrachloroethene	**0.7**		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
1,4-Dichlorobenzene	**0.3**	B,J	ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Toluene-d8	101%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	385981	10/29/25	11/04/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	385981	10/29/25	11/04/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.5	2.0	0.95	386146	10/31/25	10/31/25	ZFA
Aniline	ND		ug/L	9.5	2.7	0.95	386146	10/31/25	10/31/25	ZFA
Benzyl alcohol	ND		ug/L	24	5.5	0.95	386146	10/31/25	10/31/25	ZFA
2-Methylphenol	ND		ug/L	9.5	3.1	0.95	386146	10/31/25	10/31/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.5	2.9	0.95	386146	10/31/25	10/31/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	45%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
Phenol-d6	27%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
2,4,6-Tribromophenol	70%		%REC	15-140		0.95	386146	10/31/25	10/31/25	ZFA
Nitrobenzene-d5	77%		%REC	15-123		0.95	386146	10/31/25	10/31/25	ZFA
2-Fluorobiphenyl	77%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
Terphenyl-d14	77%		%REC	15-120		0.95	386146	10/31/25	10/31/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**2.2**		mg/L	1.0	0.49	1	385955	10/29/25	10/29/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	10		5	386421	11/05/25	11/05/25	BDR
Alkalinity, Total as CaCO3	**240**		mg/L	10		5	386421	11/05/25	11/05/25	BDR
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**770**		mg/L	20		2	386003	11/01/25	11/02/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

Sample ID: DW-3	Lab ID: 545362-004	Collected: 10/27/25 12:20
	Matrix: Water	

545362-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.69**		mg/L	0.20	0.073	1	385892	10/28/25 18:00	10/29/25 01:15	AJL
Chloride	**57**		mg/L	1.0	0.27	1	385892	10/28/25 18:00	10/29/25 01:15	AJL
Bromide	**0.13**	J	mg/L	0.30	0.060	1	385892	10/28/25 18:00	10/29/25 01:15	AJL
Nitrogen, Nitrate	**2.0**		mg/L	0.10	0.05	1	385892	10/28/25 18:00	10/29/25 01:15	AJL
Sulfate	**100**		mg/L	10	1.8	10	385892	10/28/25 18:00	10/29/25 01:32	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	386536	11/05/25	11/05/25	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**2.0**	J	mg/L	4.0	2.0	1	386531	11/05/25	11/05/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Arsenic	ND		mg/L	0.010	0.0045	1	385944	10/29/25	10/29/25	CAP
Barium	**0.041**		mg/L	0.010	0.0022	1	385944	10/29/25	10/29/25	CAP
Beryllium	ND		mg/L	0.0050	0.00017	1	385944	10/29/25	10/29/25	CAP
Boron	**0.27**		mg/L	0.050	0.0055	1	385944	10/29/25	10/29/25	CAP
Cadmium	ND		mg/L	0.0050	0.00096	1	385944	10/29/25	10/29/25	CAP
Calcium	**33**		mg/L	1.0	0.57	1	385944	10/29/25	10/29/25	CAP
Chromium	ND		mg/L	0.010	0.0023	1	385944	10/29/25	10/29/25	CAP
Cobalt	ND		mg/L	0.0050	0.0022	1	385944	10/29/25	10/29/25	CAP
Copper	ND		mg/L	0.010	0.0059	1	385944	10/29/25	10/29/25	CAP
Iron	ND		mg/L	0.10	0.046	1	385944	10/29/25	10/29/25	CAP
Lead	ND		mg/L	0.010	0.0028	1	385944	10/29/25	10/29/25	CAP
Magnesium	**4.0**		mg/L	0.10	0.025	1	385944	10/29/25	10/29/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	385944	10/29/25	10/29/25	CAP
Nickel	ND		mg/L	0.010	0.0033	1	385944	10/29/25	10/29/25	CAP
Potassium	**1.7**		mg/L	0.50	0.40	1	385944	10/29/25	10/29/25	CAP
Selenium	**0.012**	J	mg/L	0.030	0.0098	1	385944	10/29/25	10/29/25	CAP
Silver	ND		mg/L	0.0050	0.0015	1	385944	10/29/25	10/29/25	CAP
Sodium	**120**		mg/L	0.60	0.35	1	385944	10/29/25	10/29/25	CAP
Thallium	ND		mg/L	0.030	0.011	1	385944	10/29/25	10/29/25	CAP
Vanadium	**0.0071**	J	mg/L	0.010	0.0012	1	385944	10/29/25	10/29/25	CAP
Zinc	ND		mg/L	0.050	0.013	1	385944	10/29/25	10/29/25	CAP
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	ND		ug/L	0.40	0.032	1	385931	10/29/25	10/29/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	**2.9**		ug/L	1.0	0.08	1	386847	11/08/25	11/08/25	ZST

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

545362-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Chloromethane	ND		ug/L	1.0	0.09	1	386847	11/08/25	11/08/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Methylene Chloride	ND		ug/L	10	0.2	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethane	**0.2**	J	ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386847	11/08/25	11/08/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386847	11/08/25	11/08/25	ZST
Tetrachloroethene	**0.8**		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Toluene-d8	101%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Bromofluorobenzene	101%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	385981	10/29/25	11/04/25	TJW
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	385981	10/29/25	11/04/25	TJW
Method: EPA 8270C Prep Method: EPA 3510C										
Phenol	ND		ug/L	9.8	2.1	0.98	386146	10/31/25	10/31/25	ZFA
Aniline	ND		ug/L	9.8	2.8	0.98	386146	10/31/25	10/31/25	ZFA
Benzyl alcohol	ND		ug/L	25	5.7	0.98	386146	10/31/25	10/31/25	ZFA
2-Methylphenol	ND		ug/L	9.8	3.2	0.98	386146	10/31/25	10/31/25	ZFA
3-,4-Methylphenol	ND		ug/L	9.8	2.9	0.98	386146	10/31/25	10/31/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	50%		%REC	15-120		0.98	386146	10/31/25	10/31/25	ZFA
Phenol-d6	29%		%REC	15-120		0.98	386146	10/31/25	10/31/25	ZFA
2,4,6-Tribromophenol	75%		%REC	15-140		0.98	386146	10/31/25	10/31/25	ZFA
Nitrobenzene-d5	87%		%REC	15-123		0.98	386146	10/31/25	10/31/25	ZFA
2-Fluorobiphenyl	82%		%REC	15-120		0.98	386146	10/31/25	10/31/25	ZFA
Terphenyl-d14	78%		%REC	15-120		0.98	386146	10/31/25	10/31/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	386030	10/29/25	10/29/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.3**		mg/L	1.0	0.49	1	385955	10/29/25	10/29/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**190**		mg/L	10		5	386421	11/05/25	11/05/25	BDR
Alkalinity, Total as CaCO3	**190**		mg/L	10		5	386421	11/05/25	11/05/25	BDR
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**500**		mg/L	20		2	386003	11/01/25	11/02/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545362

Sample ID: QCFB	Lab ID: 545362-005	Collected: 10/27/25 08:49
	Matrix: Water	

545362-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386847	11/08/25	11/08/25	ZST
Chloromethane	ND		ug/L	1.0	0.09	1	386847	11/08/25	11/08/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Methylene Chloride	**0.8**	J	ug/L	10	0.2	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386847	11/08/25	11/08/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386847	11/08/25	11/08/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane-d4	103%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Toluene-d8	100%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST

Sample ID: QCTB	Lab ID: 545362-006	Collected: 10/27/25
	Matrix: Water	

545362-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	386847	11/08/25	11/08/25	ZST
Chloromethane	**0.2**	J	ug/L	1.0	0.09	1	386847	11/08/25	11/08/25	ZST
Vinyl Chloride	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Methylene Chloride	**0.7**	J	ug/L	10	0.2	1	386847	11/08/25	11/08/25	ZST
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
Benzene	ND		ug/L	0.5	0.03	1	386847	11/08/25	11/08/25	ZST
Trichloroethene	ND		ug/L	0.5	0.05	1	386847	11/08/25	11/08/25	ZST
Tetrachloroethene	ND		ug/L	0.5	0.1	1	386847	11/08/25	11/08/25	ZST
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	386847	11/08/25	11/08/25	ZST
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Toluene-d8	100%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST
Bromofluorobenzene	104%		%REC	70-130		1	386847	11/08/25	11/08/25	ZST

B Contamination found in associated Method Blank
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1307734	Batch: 385892
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1307734 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	10/28/25 18:00	10/28/25 22:26
Chloride	ND		mg/L	1.0	0.27	10/28/25 18:00	10/28/25 22:26
Bromide	ND		mg/L	0.30	0.060	10/28/25 18:00	10/28/25 22:26
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	10/28/25 18:00	10/28/25 22:26
Sulfate	ND		mg/L	1.0	0.18	10/28/25 18:00	10/28/25 22:26

Type: Lab Control Sample	Lab ID: QC1307737	Batch: 385892
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1307737 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.30	10.00	mg/L	103%		90-110
Chloride	47.42	50.00	mg/L	95%		90-110
Bromide	14.70	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.480	4.518	mg/L	99%		90-110
Sulfate	26.46	25.00	mg/L	106%		90-110

Type: Matrix Spike	Lab ID: QC1307740	Batch: 385892
Matrix (Source ID): Water (545522-006)	Method: EPA 300.0	Prep Method: METHOD

QC1307740 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	23.56	ND	20.00	mg/L	118%		80-129	1
Chloride	682.6	869.1	100.0	mg/L	-186%	E,NM	80-123	1
Bromide	13.23	1.854	15.00	mg/L	76%	*	80-121	1
Nitrogen, Nitrate	9.060	ND	9.036	mg/L	100%		80-123	1
Sulfate	51.61	2.134	50.00	mg/L	99%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1307741	Batch: 385892
Matrix (Source ID): Water (545522-006)	Method: EPA 300.0	Prep Method: METHOD

QC1307741 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.86	ND	20.00	mg/L	119%		80-129	1	21	1
Chloride	683.3	869.1	100.0	mg/L	-186%	E,NM	80-123		20	1
Bromide	13.36	1.854	15.00	mg/L	77%	*	80-121	1	20	1
Nitrogen, Nitrate	9.201	ND	9.036	mg/L	102%		80-123	2	20	1
Sulfate	52.20	2.134	50.00	mg/L	100%		79-124	1	20	1

Type: Blank	Lab ID: QC1310063	Batch: 386536
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1310063 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	11/05/25	11/05/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample **Lab ID:** QC1310064 **Batch:** 386536
Matrix: Water **Method:** EPA 350.1 **Prep Method:** METHOD

QC1310064 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9666	1.000	mg/L	97%		90-110

Type: Matrix Spike **Lab ID:** QC1310065 **Batch:** 386536
Matrix (Source ID): Water (545165-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1310065 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9282	ND	1.000	mg/L	93%		90-110	1

Type: Matrix Spike Duplicate **Lab ID:** QC1310066 **Batch:** 386536
Matrix (Source ID): Water (545165-001) **Method:** EPA 350.1 **Prep Method:** METHOD

QC1310066 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9347	ND	1.000	mg/L	93%		90-110	1	20	1

Type: Blank **Lab ID:** QC1310042 **Batch:** 386531
Matrix: Water **Method:** EPA 410.4 **Prep Method:** EPA 410.4

QC1310042 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	11/05/25	11/05/25

Type: Lab Control Sample **Lab ID:** QC1310043 **Batch:** 386531
Matrix: Water **Method:** EPA 410.4 **Prep Method:** EPA 410.4

QC1310043 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Type: Matrix Spike **Lab ID:** QC1310044 **Batch:** 386531
Matrix (Source ID): Water (545029-001) **Method:** EPA 410.4 **Prep Method:** EPA 410.4

QC1310044 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	98.00	ND	100.0	mg/L	98%		75-125	2

Type: Matrix Spike Duplicate **Lab ID:** QC1310045 **Batch:** 386531
Matrix (Source ID): Water (545029-001) **Method:** EPA 410.4 **Prep Method:** EPA 410.4

QC1310045 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	108.0	ND	100.0	mg/L	108%		75-125	10	20	2

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1310046	Batch:	386531
Matrix (Source ID):	Water (545029-002)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310046 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	110.0	5.000	100.0	mg/L	105%		75-125	2

Type:	Matrix Spike Duplicate	Lab ID:	QC1310047	Batch:	386531
Matrix (Source ID):	Water (545029-002)	Method:	EPA 410.4	Prep Method:	EPA 410.4

QC1310047 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	108.0	5.000	100.0	mg/L	103%		75-125	2	20	2

Type:	Blank	Lab ID:	QC1307922	Batch:	385944
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1307922 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/L	0.030	0.011	10/29/25	10/29/25
Arsenic	ND		mg/L	0.010	0.0045	10/29/25	10/29/25
Barium	ND		mg/L	0.010	0.0022	10/29/25	10/29/25
Beryllium	ND		mg/L	0.0050	0.00017	10/29/25	10/29/25
Boron	ND		mg/L	0.050	0.0055	10/29/25	10/29/25
Cadmium	ND		mg/L	0.0050	0.00096	10/29/25	10/29/25
Calcium	ND		mg/L	0.57	0.57	10/29/25	10/29/25
Chromium	ND		mg/L	0.010	0.0023	10/29/25	10/29/25
Cobalt	ND		mg/L	0.0050	0.0022	10/29/25	10/29/25
Copper	ND		mg/L	0.010	0.0059	10/29/25	10/29/25
Iron	ND		mg/L	0.046	0.046	10/29/25	10/29/25
Lead	ND		mg/L	0.010	0.0028	10/29/25	10/29/25
Magnesium	ND		mg/L	0.10	0.025	10/29/25	10/29/25
Manganese	ND		mg/L	0.010	0.0029	10/29/25	10/29/25
Nickel	ND		mg/L	0.010	0.0033	10/29/25	10/29/25
Potassium	ND		mg/L	0.50	0.40	10/29/25	10/29/25
Selenium	ND		mg/L	0.030	0.0098	10/29/25	10/29/25
Silver	ND		mg/L	0.0050	0.0015	10/29/25	10/29/25
Sodium	ND		mg/L	0.50	0.35	10/29/25	10/29/25
Thallium	ND		mg/L	0.030	0.011	10/29/25	10/29/25
Vanadium	ND		mg/L	0.010	0.0012	10/29/25	10/29/25
Zinc	ND		mg/L	0.050	0.013	10/29/25	10/29/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1307923**	**Batch:**	**385944**
Matrix:	**Water**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1307923 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	0.3706	0.4000	mg/L	93%		80-120
Arsenic	0.3611	0.4000	mg/L	90%		80-120
Barium	0.3705	0.4000	mg/L	93%		80-120
Beryllium	0.3624	0.4000	mg/L	91%		80-120
Boron	0.3653	0.4000	mg/L	91%		80-120
Cadmium	0.3602	0.4000	mg/L	90%		80-120
Calcium	18.66	20.40	mg/L	91%		80-120
Chromium	0.3606	0.4000	mg/L	90%		80-120
Cobalt	0.3625	0.4000	mg/L	91%		80-120
Copper	0.3364	0.4000	mg/L	84%		80-120
Iron	0.3679	0.4000	mg/L	92%		80-120
Lead	0.3725	0.4000	mg/L	93%		80-120
Magnesium	19.17	20.40	mg/L	94%		80-120
Manganese	0.3619	0.4000	mg/L	90%		80-120
Nickel	0.3658	0.4000	mg/L	91%		80-120
Potassium	22.34	24.00	mg/L	93%		80-120
Selenium	0.3535	0.4000	mg/L	88%		80-120
Silver	0.1747	0.2000	mg/L	87%		80-120
Sodium	18.95	20.40	mg/L	93%		80-120
Thallium	0.3674	0.4000	mg/L	92%		80-120
Vanadium	0.3641	0.4000	mg/L	91%		80-120
Zinc	0.3659	0.4000	mg/L	91%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1307924**	**Batch:**	**385944**
Matrix (Source ID):	**Water (545526-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1307924 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	3.567	ND	4.000	mg/L	89%		75-125	10
Arsenic	3.915	0.4077	4.000	mg/L	88%		75-125	10
Barium	6.342	2.905	4.000	mg/L	86%		75-125	10
Beryllium	3.367	ND	4.000	mg/L	84%		75-125	10
Boron	77.55	73.41	4.000	mg/L	104%	NM	75-125	10
Cadmium	3.285	ND	4.000	mg/L	82%		75-125	10
Calcium	6,006	5893	204.0	mg/L	55%	NM	75-125	10
Chromium	3.729	0.3340	4.000	mg/L	85%		75-125	10
Cobalt	3.449	0.02853	4.000	mg/L	86%		75-125	10
Copper	3.749	ND	4.000	mg/L	94%		75-125	10
Iron	656.9	650.9	4.000	mg/L	150%	E,NM	75-125	10
Lead	3.501	ND	4.000	mg/L	88%		75-125	10
Magnesium	813.9	637.9	204.0	mg/L	86%		75-125	10
Manganese	36.65	33.20	4.000	mg/L	86%	NM	75-125	10
Nickel	3.574	0.1229	4.000	mg/L	86%		75-125	10
Potassium	1,596	1371	240.0	mg/L	94%	NM	75-125	10
Selenium	3.472	ND	4.000	mg/L	87%		75-125	10
Silver	1.809	0.02289	2.000	mg/L	89%		75-125	10
Sodium	4,435	4280	204.0	mg/L	76%	NM	75-125	10
Thallium	3.329	ND	4.000	mg/L	83%		75-125	10
Vanadium	3.590	0.1143	4.000	mg/L	87%		75-125	10
Zinc	4.811	1.429	4.000	mg/L	85%		75-125	10

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307925**	**Batch:**	**385944**
Matrix (Source ID):	**Water (545526-001)**	**Method:**	**EPA 6010B**	**Prep Method:**	**EPA 3015A**

QC1307925 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	3.384	ND	4.000	mg/L	85%		75-125	5	20	10
Arsenic	3.785	0.4077	4.000	mg/L	84%		75-125	3	20	10
Barium	6.236	2.905	4.000	mg/L	83%		75-125	2	20	10
Beryllium	3.261	ND	4.000	mg/L	82%		75-125	3	20	10
Boron	77.61	73.41	4.000	mg/L	105%	NM	75-125	0	20	10
Cadmium	3.181	ND	4.000	mg/L	80%		75-125	3	20	10
Calcium	6,018	5893	204.0	mg/L	61%	NM	75-125	0	20	10
Chromium	3.624	0.3340	4.000	mg/L	82%		75-125	3	20	10
Cobalt	3.338	0.02853	4.000	mg/L	83%		75-125	3	20	10
Copper	3.623	ND	4.000	mg/L	91%		75-125	3	20	10
Iron	659.8	650.9	4.000	mg/L	222%	E,NM	75-125		22	10
Lead	3.364	ND	4.000	mg/L	84%		75-125	4	20	10
Magnesium	807.6	637.9	204.0	mg/L	83%		75-125	1	20	10
Manganese	36.70	33.20	4.000	mg/L	87%	NM	75-125	0	20	10
Nickel	3.462	0.1229	4.000	mg/L	83%		75-125	3	20	10
Potassium	1,594	1371	240.0	mg/L	93%	NM	75-125	0	20	10
Selenium	3.355	ND	4.000	mg/L	84%		75-125	3	20	10
Silver	1.730	0.02289	2.000	mg/L	85%		75-125	4	20	10
Sodium	4,439	4280	204.0	mg/L	78%	NM	75-125	0	20	10
Thallium	3.231	ND	4.000	mg/L	81%		75-125	3	20	10
Vanadium	3.475	0.1143	4.000	mg/L	84%		75-125	3	20	10
Zinc	4.711	1.429	4.000	mg/L	82%		75-125	2	20	10

ENTHALPY ANALYTICAL

Batch QC

Type:	Serial Dilution	Lab ID:	QC1307956	Batch:	385944
Matrix (Source ID):	Water (545526-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1307956 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	mg/L				50
Arsenic	0.4267	0.4077	mg/L	J			50
Barium	3.088	2.905	mg/L				50
Beryllium	ND	ND	mg/L				50
Boron	76.71	73.41	mg/L				50
Cadmium	ND	ND	mg/L				50
Calcium	6,216	5893	mg/L				50
Chromium	0.3351	0.3340	mg/L	J			50
Cobalt	ND	0.02853	mg/L				50
Copper	ND	ND	mg/L				50
Iron	704.1	650.9	mg/L				50
Lead	ND	ND	mg/L				50
Magnesium	671.3	637.9	mg/L				50
Manganese	35.39	33.20	mg/L				50
Nickel	ND	0.1229	mg/L				50
Potassium	1,317	1371	mg/L				50
Selenium	ND	ND	mg/L				50
Silver	ND	0.02289	mg/L				50
Sodium	4,439	4280	mg/L				50
Thallium	ND	ND	mg/L				50
Vanadium	0.1260	0.1143	mg/L	J			50
Zinc	1.543	1.429	mg/L	J			50

Type:	Blank	Lab ID:	QC1307863	Batch:	385931
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1307863 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.032	10/29/25	10/29/25

Type:	Lab Control Sample	Lab ID:	QC1307864	Batch:	385931
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1307864 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.162	5.000	ug/L	103%		80-120

Type:	Matrix Spike	Lab ID:	QC1307865	Batch:	385931
Matrix (Source ID):	Water (545362-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1307865 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	5.120	0.04037	5.000	ug/L	102%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307866**	**Batch:**	**385931**
Matrix (Source ID):	**Water (545362-001)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1307866 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	5.146	0.04037	5.000	ug/L	102%		75-125	0	20	1

Type:	**Matrix Spike**	**Lab ID:**	**QC1307918**	**Batch:**	**385931**
Matrix (Source ID):	**Water (545526-003)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1307918 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1,012	ND	1000	ug/L	101%		75-125	200

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307919**	**Batch:**	**385931**
Matrix (Source ID):	**Water (545526-003)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1307919 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	982.4	ND	1000	ug/L	98%		75-125	3	20	200

Type:	**Lab Control Sample**	**Lab ID:**	**QC1311195**	**Batch:**	**386847**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311195 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	56.14	50.00	ug/L	112%		69-128
MTBE	58.19	50.00	ug/L	116%		66-125
Benzene	57.37	50.00	ug/L	115%		76-121
Trichloroethene	56.37	50.00	ug/L	113%		76-124
Toluene	53.69	50.00	ug/L	107%		76-120
Chlorobenzene	55.49	50.00	ug/L	111%		78-120
Surrogates						
Dibromofluoromethane	51.99	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	51.84	50.00	ug/L	104%		70-130
Toluene-d8	49.88	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.17	50.00	ug/L	98%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1311196**	**Batch:**	**386847**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311196 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	55.58	50.00	ug/L	111%		69-128	1	23
MTBE	59.14	50.00	ug/L	118%		66-125	2	22
Benzene	55.79	50.00	ug/L	112%		76-121	3	21
Trichloroethene	54.67	50.00	ug/L	109%		76-124	3	22
Toluene	52.73	50.00	ug/L	105%		76-120	2	21
Chlorobenzene	54.40	50.00	ug/L	109%		78-120	2	20
Surrogates								
Dibromofluoromethane	51.57	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	51.87	50.00	ug/L	104%		70-130		
Toluene-d8	49.62	50.00	ug/L	99%		70-130		
Bromofluorobenzene	51.01	50.00	ug/L	102%		70-130		

Type:	**Matrix Spike**	**Lab ID:**	**QC1311197**	**Batch:**	**386847**
Matrix (Source ID):	**Water (545362-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311197 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	22.23	ND	20.00	ug/L	111%		62-131	1
MTBE	20.23	ND	20.00	ug/L	101%		61-124	1
Benzene	21.07	ND	20.00	ug/L	105%		70-123	1
Trichloroethene	22.99	ND	20.00	ug/L	115%		65-131	1
Toluene	21.66	ND	20.00	ug/L	108%		69-120	1
Chlorobenzene	21.64	ND	20.00	ug/L	108%		72-121	1
Surrogates								
Dibromofluoromethane	48.59		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	49.03		50.00	ug/L	98%		70-130	1
Toluene-d8	51.01		50.00	ug/L	102%		70-130	1
Bromofluorobenzene	50.64		50.00	ug/L	101%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1311198	Batch:	386847
Matrix (Source ID):	Water (545362-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1311198 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	23.14	ND	20.00	ug/L	116%		62-131	4	31	1
MTBE	23.60	ND	20.00	ug/L	118%		61-124	15	30	1
Benzene	22.63	ND	20.00	ug/L	113%		70-123	7	31	1
Trichloroethene	23.25	ND	20.00	ug/L	116%		65-131	1	31	1
Toluene	22.04	ND	20.00	ug/L	110%		69-120	2	29	1
Chlorobenzene	22.44	ND	20.00	ug/L	112%		72-121	4	29	1
Surrogates										
Dibromofluoromethane	50.88		50.00	ug/L	102%		70-130			1
1,2-Dichloroethane-d4	49.80		50.00	ug/L	100%		70-130			1
Toluene-d8	49.62		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	50.68		50.00	ug/L	101%		70-130			1

Type:	Blank	Lab ID:	QC1311200	Batch:	386847
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1311200 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.08	11/08/25	11/08/25
Chloromethane	ND		ug/L	1.0	0.09	11/08/25	11/08/25
Vinyl Chloride	ND		ug/L	0.5	0.06	11/08/25	11/08/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	11/08/25	11/08/25
Methylene Chloride	ND		ug/L	10	0.2	11/08/25	11/08/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	11/08/25	11/08/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	11/08/25	11/08/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	11/08/25	11/08/25
Benzene	ND		ug/L	0.5	0.03	11/08/25	11/08/25
Trichloroethene	ND		ug/L	0.5	0.05	11/08/25	11/08/25
Tetrachloroethene	ND		ug/L	0.5	0.1	11/08/25	11/08/25
1,4-Dichlorobenzene	0.1	J	ug/L	0.5	0.09	11/08/25	11/08/25
Surrogates				**Limits**			
Dibromofluoromethane	96%		%REC	70-130		11/08/25	11/08/25
1,2-Dichloroethane-d4	99%		%REC	70-130		11/08/25	11/08/25
Toluene-d8	101%		%REC	70-130		11/08/25	11/08/25
Bromofluorobenzene	104%		%REC	70-130		11/08/25	11/08/25

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1308633	Batch: 386146
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1308633 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Phenol	ND		ug/L	10	2.1	10/31/25	10/31/25
Aniline	ND		ug/L	10	2.8	10/31/25	10/31/25
Benzyl alcohol	ND		ug/L	25	5.8	10/31/25	10/31/25
2-Methylphenol	ND		ug/L	10	3.2	10/31/25	10/31/25
3-,4-Methylphenol	ND		ug/L	10	3.0	10/31/25	10/31/25
Surrogates				**Limits**			
2-Fluorophenol	44%		%REC	15-120		10/31/25	10/31/25
Phenol-d6	27%		%REC	15-120		10/31/25	10/31/25
2,4,6-Tribromophenol	75%		%REC	15-140		10/31/25	10/31/25
Nitrobenzene-d5	75%		%REC	15-123		10/31/25	10/31/25
2-Fluorobiphenyl	78%		%REC	15-120		10/31/25	10/31/25
Terphenyl-d14	83%		%REC	15-120		10/31/25	10/31/25

Type: Lab Control Sample	Lab ID: QC1308634	Batch: 386146
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1308634 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	23.29	75.00	ug/L	31%		14-120
2-Chlorophenol	55.84	75.00	ug/L	74%		46-120
1,4-Dichlorobenzene	59.24	75.00	ug/L	79%		42-120
3-,4-Methylphenol	46.26	75.00	ug/L	62%		40-120
N-Nitroso-di-n-propylamine	69.31	75.00	ug/L	92%		54-121
2,4-Dimethylphenol	66.19	75.00	ug/L	88%		48-120
1,2,4-Trichlorobenzene	61.24	75.00	ug/L	82%		45-120
4-Chloro-3-methylphenol	61.82	75.00	ug/L	82%		60-121
2,4,5-Trichlorophenol	66.34	75.00	ug/L	88%		62-124
Acenaphthene	61.78	75.00	ug/L	82%		56-120
4-Nitrophenol	32.53	75.00	ug/L	43%		17-120
2,4-Dinitrotoluene	69.51	75.00	ug/L	93%		69-127
Pentachlorophenol	51.27	75.00	ug/L	68%		51-120
Pyrene	64.54	75.00	ug/L	86%		68-123
Chrysene	68.82	75.00	ug/L	92%		66-120
Benzo(b)fluoranthene	66.65	75.00	ug/L	89%		67-120
Surrogates						
2-Fluorophenol	17.19	40.00	ug/L	43%		15-120
Phenol-d6	11.30	40.00	ug/L	28%		15-120
2,4,6-Tribromophenol	32.23	40.00	ug/L	81%		15-140
Nitrobenzene-d5	30.12	40.00	ug/L	75%		15-123
2-Fluorobiphenyl	33.03	40.00	ug/L	83%		15-120
Terphenyl-d14	30.98	40.00	ug/L	77%		15-120

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1308635	Batch: 386146
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1308635 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Phenol	22.69	75.00	ug/L	30%		14-120	3	52
2-Chlorophenol	58.03	75.00	ug/L	77%		46-120	4	52
1,4-Dichlorobenzene	62.29	75.00	ug/L	83%		42-120	5	53
3-,4-Methylphenol	45.64	75.00	ug/L	61%		40-120	1	51
N-Nitroso-di-n-propylamine	69.65	75.00	ug/L	93%		54-121	0	52
2,4-Dimethylphenol	64.40	75.00	ug/L	86%		48-120	3	52
1,2,4-Trichlorobenzene	61.38	75.00	ug/L	82%		45-120	0	54
4-Chloro-3-methylphenol	62.35	75.00	ug/L	83%		60-121	1	47
2,4,5-Trichlorophenol	65.02	75.00	ug/L	87%		62-124	2	46
Acenaphthene	62.69	75.00	ug/L	84%		56-120	1	46
4-Nitrophenol	31.11	75.00	ug/L	41%		17-120	4	44
2,4-Dinitrotoluene	73.79	75.00	ug/L	98%		69-127	6	40
Pentachlorophenol	53.06	75.00	ug/L	71%		51-120	3	42
Pyrene	65.17	75.00	ug/L	87%		68-123	1	39
Chrysene	69.33	75.00	ug/L	92%		66-120	1	38
Benzo(b)fluoranthene	67.93	75.00	ug/L	91%		67-120	2	39
Surrogates								
2-Fluorophenol	16.79	40.00	ug/L	42%		15-120		
Phenol-d6	10.87	40.00	ug/L	27%		15-120		
2,4,6-Tribromophenol	29.99	40.00	ug/L	75%		15-140		
Nitrobenzene-d5	29.24	40.00	ug/L	73%		15-123		
2-Fluorobiphenyl	32.28	40.00	ug/L	81%		15-120		
Terphenyl-d14	31.31	40.00	ug/L	78%		15-120		

Type: Blank	Lab ID: QC1308004	Batch: 385981
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1308004 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.84	10/29/25	11/04/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		10/29/25	11/04/25

Type: Lab Control Sample	Lab ID: QC1308005	Batch: 385981
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1308005 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.482	10.00	ug/L	95%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.16	10.00	ug/L	102%		80-120

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1308006	Batch:	385981
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1308006 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.775	10.00	ug/L	98%		79-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.70	10.00	ug/L	107%		80-120		

Type:	Blank	Lab ID:	QC1308157	Batch:	386030
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308157 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		10/29/25	10/29/25

Type:	Lab Control Sample	Lab ID:	QC1308158	Batch:	386030
Matrix:	Water	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308158 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	Matrix Spike	Lab ID:	QC1308159	Batch:	386030
Matrix (Source ID):	Water (545193-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308159 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1308160	Batch:	386030
Matrix (Source ID):	Water (545193-001)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1308160 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	12	20	1

Type:	Blank	Lab ID:	QC1307946	Batch:	385955
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307946 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	10/29/25	10/29/25

Type:	Lab Control Sample	Lab ID:	QC1307947	Batch:	385955
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307947 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.21	25.00	mg/L	93%		85-115

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1307948	Batch:	385955
Matrix (Source ID):	Water (545362-002)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307948 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.36	ND	25.00	mg/L	109%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1307949	Batch:	385955
Matrix (Source ID):	Water (545362-002)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1307949 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	23.57	ND	25.00	mg/L	94%		75-125	15	25	1

Type:	Blank	Lab ID:	QC1309674	Batch:	386421
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1309674 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		11/05/25	11/05/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		11/05/25	11/05/25

Type:	Sample Duplicate	Lab ID:	QC1309675	Batch:	386421
Matrix (Source ID):	Water (545362-001)	Method:	SM2320B	Prep Method:	METHOD

QC1309675 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	366.0	358.5	mg/L		2	20	5
Alkalinity, Total as CaCO3	366.0	358.5	mg/L		2	20	5

Type:	Lab Control Sample	Lab ID:	QC1309676	Batch:	386421
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1309676 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	979.2	1000	mg/L	98%		90-110

Type:	Blank	Lab ID:	QC1308085	Batch:	386003
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1308085 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		11/01/25	11/02/25

Type:	Lab Control Sample	Lab ID:	QC1308086	Batch:	386003
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1308086 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	998.0	1000	mg/L	100%		90-110

Batch QC

Type:	**Sample Duplicate**	**Lab ID:**	**QC1308087**	**Batch:**	**386003**
Matrix (Source ID):	**Water (545362-001)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1308087 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	4,516	4564	mg/L		1	5	4

Type:	**Sample Duplicate**	**Lab ID:**	**QC1308088**	**Batch:**	**386003**
Matrix (Source ID):	**Water (545422-010)**	**Method:**	**SM2540C**	**Prep Method:**	**METHOD**

QC1308088 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	3,516	3448	mg/L		2	5	2

*	Value is outside QC limits
E	Response exceeds instrument's linear range
J	Estimated value
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 545362

Subcontracted Products

McCampbell Analytical, Inc.

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"When Quality Counts"

Analytical Report

WorkOrder: 2510N46

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-545362

Project Location:
Project Received: 10/28/2025

Analytical Report reviewed & approved for release on 10/31/2025 by:

Ana Venegas
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510N46
Project: EO-545362

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or below the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2510N46

Project: EO-545362

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510N46
Date Received:	10/28/2025 9:48	**Extraction Method:**	RSK175
Date Prepared:	10/30/2025	**Analytical Method:**	RSK175
Project:	EO-545362	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-8	2510N46-001A	Water	10/27/2025 08:45	GC26 1030250905.D	329126

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**33,000**	2000	2000	40	10/30/2025 13:54

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2510N46-002A	Water	10/27/2025 10:09	GC26 1030250906.D	329126

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3000**	100	100	2	10/30/2025 14:28

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-16	2510N46-003A	Water	10/27/2025 11:15	GC26 1030250907.D	329126

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**1200**	50	50	1	10/30/2025 14:49

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510N46
Date Received:	10/28/2025 9:48	**Extraction Method:**	RSK175
Date Prepared:	10/30/2025	**Analytical Method:**	RSK175
Project:	EO-545362	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2510N46-004A	Water	10/27/2025 12:20	GC26 1030250908.D	329126

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**3900**	200	200	4	10/30/2025 15:37

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2510N46
Date Prepared:	10/30/2025	**BatchID:**	329126
Date Analyzed:	10/30/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-545362	**Sample ID:**	MB/LCS/LCSD-329126

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	150	160	187.2	78	84	70-130	6.61	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2510N46 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-545362

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **10/28/2025**
Date Logged: **10/28/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2510N46-001	DW-8	Water	10/27/2025 08:45	☐	A	A										
2510N46-002	DW-1	Water	10/27/2025 10:09	☐	A	A										
2510N46-003	DW-16	Water	10/27/2025 11:15	☐	A	A										
2510N46-004	DW-3	Water	10/27/2025 12:20	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Gemma Gomez

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-545362 **Work Order:** 2510N46
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 10/28/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-8	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/27/2025 8:45	5 days	11/4/2025	None	☐	☐
002A	DW-1	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/27/2025 10:09	5 days	11/4/2025	None	☐	☐
003A	DW-16	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/27/2025 11:15	5 days	11/4/2025	Present	☐	☐
004A	DW-3	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	10/27/2025 12:20	5 days	11/4/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2510N4

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-545362
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-8	27-OCT-2025 08:45	545362-001	2	Water	RSK-175 CO2	
DW-1	27-OCT-2025 10:09	545362-002	2	Water	RSK-175 CO2	
DW-16	27-OCT-2025 11:15	545362-003	2	Water	RSK-175 CO2	
DW-3	27-OCT-2025 12:20	545362-004	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Alice Tahmasian	GLS
	Date: 10/27/25 4:00	Date: 10/27/25 4:00
	GLS	
	Date: 10/28/25	Date:
	gls: 5636623522	
	Date:	Date: 10/28/25 11:48

0.8 Cup 11:48

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	10/28/2025 09:48
Project:	EO-545362	Date Logged:	10/28/2025
		Received by:	Gemma Gomez
WorkOrder №:	2510N46 Matrix: Water	Logged by:	Gemma Gomez
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☑	No	☐	NA	☐
Custody seals intact on sample bottles?	Yes	☑	No	☐	NA	☐
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 0.8°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 547422
Report Level : II
Report Date : 12/09/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	547422 GW MONITORING Chiquita Canyon Landfill 11/20/25

Sample ID	Lab ID	Collected	Matrix
FP-01	547422-001	11/20/25 09:11	Water
DW-29	547422-002	11/20/25 10:18	Water
DW-31	547422-003	11/20/25 11:02	Water
QCFB	547422-004	11/20/25 09:13	Water
QCTB	547422-005	11/20/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 547422 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 11/20/25

This data package contains sample and QC results for five water samples, requested for the above referenced project on 11/21/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for a number of analytes in the MSD for batch 389008; the parent sample was not a project sample, and the BS/BSD were within limits. High RPD was observed for many analytes in the MS/MSD for batch 389008; the RPD was acceptable in the BS/BSD, and these analytes were not detected at or above the RL in the associated samples.
- 1,4-dichlorobenzene was detected between the MDL and the RL in the method blank for batch 389013; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD for batch 389360; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- High recovery was observed for ammonia-N in the MSD of FP-01 (lab # 547422-001); the LCS was within limits, and this analyte was not detected at or above the RL in the associated samples. High RPD was also observed for ammonia-N in the MS/MSD of FP-01 (lab # 547422-001); this analyte was not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 547422

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	FP-01	11/20/25	911	GW	13	var.	X	X	X	X	X	X	X	X	X
2	DW-29	↓	1018	↓	↓	↓	X	X	X	X	X	X	X	X	X
3	DW-31	↓	1102	↓	↓	↓	X	X	X	X	X	X	X	X	X
4	QCFB	↓	913	FB	3	↓	X								
5	QCTB	—	—	TB	2	↓	X								
6															
7															
8															
9															
10															

Login 547422

Test Instructions / Comments

~~8.0~~ CM 11-21-25 ~~IPA~~

1.1 IR15 +0.4

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	11/20/25 1215
[1] Received By:		Jim Lin	EA-NH	11.20.25 1215
[2] Relinquished By:		Jim Lin	EA-NH	11.21.25 08:25
[2] Received By:		John Zuchman	EA/NH	11/21/25 08:25
[3] Relinquished By:		John Zuchman	EA/NH	11/21/25 9:00
[3] Received By:		GEMA O	EA NH	11.21.25 9:00
		GEMA O Sierra Kim	EA NH EA	11.21.25 12:30

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 11·20·25 WO# 547422 Client: CHIQUITA CNYLF-GW

Section 2: Shipping / Custody **Are custody seals present? ☐ Yes ☒ No**

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 11·20·25 By (initials) JWL Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 7.9 / 7.2 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?	✓		
13) Are VOA vials free from headspace/bubbles > 6mm?	✓		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 11·20·25 By (print) JWL (sign) ✓

Date Labeled 11·20·25 By (print) JWL (sign) ✓

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 11/21/25 WO# 547422 Client: Chiquita Canyon

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ■ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

☐ Courier ☐ Walk-In ☐ Field Sampling ■ Shipping Info: Intrastate

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 11/21/25 By (initials) AGR/NCM Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 15 CF: +0.4

Cooler Temp (°C) #1: 11 / 15 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	x		
2) Is the sampler's name present on the CoC?	x		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	x		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	x		
5) Were all of, and only, the correct samples received?	x		
6) Are sample labels present, legible, and in agreement with the CoC?	x		
7) Does the container count match the CoC?	x		
8) Was sufficient sample volume / mass received for the analyses requested?	x		
9) Were samples received in proper containers for the analyses requested?	x		
10) Were samples received with > 1/2 holding time remaining?	x		
11) Are samples properly preserved as indicated by CoC / labels?	x		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			x
13) Are VOA vials free from headspace/bubbles > 6mm?			x

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 11/21/25 **By (print)** Los Angeles **(sign)**

Date Labeled 11/21/25 **By (print)** Los Angeles **(sign)**

ENTHALPY ANALYTICAL

Analysis Results for 547422

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 547422
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 11/20/25

Sample ID: FP-01 **Lab ID: 547422-001** **Collected: 11/20/25 09:11**
Matrix: Water

547422-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.30**		mg/L	0.20	0.073	1	388175	11/21/25 16:02	11/21/25 17:36	KUM
Chloride	**95**		mg/L	1.0	0.27	1	388175	11/21/25 16:02	11/21/25 17:36	KUM
Bromide	**0.43**		mg/L	0.30	0.060	1	388175	11/21/25 16:02	11/21/25 17:36	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	388175	11/21/25 16:02	11/21/25 17:36	KUM
Sulfate	**430**		mg/L	10	1.8	10	388175	11/21/25 16:02	11/21/25 17:53	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	389023	12/03/25	12/04/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**27**		mg/L	4.0	2.0	1	389360	12/06/25	12/06/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.46**		mg/L	0.050	0.018	1	388434	11/25/25	11/25/25	CAP
Calcium	**160**		mg/L	10	4.6	10	388434	11/25/25	11/26/25	CAP
Iron	**0.11**		mg/L	0.10	0.055	1	388434	11/25/25	11/25/25	CAP
Magnesium	**31**		mg/L	0.10	0.051	1	388434	11/25/25	11/25/25	CAP
Manganese	**0.53**		mg/L	0.010	0.0029	1	388434	11/25/25	11/25/25	CAP
Potassium	**1.6**		mg/L	0.50	0.50	1	388434	11/25/25	11/25/25	CAP
Sodium	**140**		mg/L	0.60	0.38	1	388434	11/25/25	11/25/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	389013	12/03/25	12/03/25	TCN
Chloromethane	ND		ug/L	1.0	0.09	1	389013	12/03/25	12/03/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	389013	12/03/25	12/03/25	TCN
Methylene Chloride	ND		ug/L	10	0.2	1	389013	12/03/25	12/03/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	389013	12/03/25	12/03/25	TCN
Benzene	ND		ug/L	0.5	0.03	1	389013	12/03/25	12/03/25	TCN
Trichloroethene	ND		ug/L	0.5	0.05	1	389013	12/03/25	12/03/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	389013	12/03/25	12/03/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	389013	12/03/25	12/03/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	101%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Toluene-d8	101%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Bromofluorobenzene	99%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 547422

547422-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**4.7**		ug/L	1.0	0.84	1	388228	11/22/25	11/23/25	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	388228	11/22/25	11/23/25	MSS
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	388500	11/25/25	11/25/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**9.6**		mg/L	1.0	0.49	1	388441	11/25/25	11/25/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**370**		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Alkalinity, Total as CaCO3	**370**		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	388469	11/25/25	11/30/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 547422

Sample ID: DW-29	Lab ID: 547422-002	Collected: 11/20/25 10:18
	Matrix: Water	

547422-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.39**		mg/L	0.20	0.073	1	388175	11/21/25 16:02	11/21/25 18:10	KUM
Chloride	**88**		mg/L	1.0	0.27	1	388175	11/21/25 16:02	11/21/25 18:10	KUM
Bromide	**0.27**	J	mg/L	0.30	0.060	1	388175	11/21/25 16:02	11/21/25 18:10	KUM
Nitrogen, Nitrate	**2.3**		mg/L	0.10	0.05	1	388175	11/21/25 16:02	11/21/25 18:10	KUM
Sulfate	**350**		mg/L	10	1.8	10	388175	11/21/25 16:02	11/21/25 18:27	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	389023	12/03/25	12/04/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**15**		mg/L	4.0	2.0	1	389360	12/06/25	12/06/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.36**		mg/L	0.050	0.018	1	388434	11/25/25	11/25/25	CAP
Calcium	**65**		mg/L	1.0	0.46	1	388434	11/25/25	11/25/25	CAP
Iron	**0.067**	J	mg/L	0.10	0.055	1	388434	11/25/25	11/25/25	CAP
Magnesium	**8.7**		mg/L	0.10	0.051	1	388434	11/25/25	11/25/25	CAP
Manganese	**0.17**		mg/L	0.010	0.0029	1	388434	11/25/25	11/25/25	CAP
Potassium	**1.4**		mg/L	0.50	0.50	1	388434	11/25/25	11/25/25	CAP
Sodium	**220**		mg/L	6.0	3.8	10	388434	11/25/25	11/26/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	389013	12/03/25	12/03/25	TCN
Chloromethane	ND		ug/L	1.0	0.09	1	389013	12/03/25	12/03/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	389013	12/03/25	12/03/25	TCN
Methylene Chloride	ND		ug/L	10	0.2	1	389013	12/03/25	12/03/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	389013	12/03/25	12/03/25	TCN
Benzene	ND		ug/L	0.5	0.03	1	389013	12/03/25	12/03/25	TCN
Trichloroethene	ND		ug/L	0.5	0.05	1	389013	12/03/25	12/03/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	389013	12/03/25	12/03/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	389013	12/03/25	12/03/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	99%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Toluene-d8	102%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Bromofluorobenzene	102%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	388228	11/22/25	11/23/25	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	388228	11/22/25	11/23/25	MSS

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 547422

547422-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	388500	11/25/25	11/25/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**5.4**		mg/L	1.0	0.49	1	388441	11/25/25	11/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**280**		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Alkalinity, Total as CaCO3	**280**		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,000**		mg/L	20		2	388469	11/25/25	11/30/25	RDL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 547422

Sample ID: DW-31	Lab ID: 547422-003	Collected: 11/20/25 11:02
	Matrix: Water	

547422-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.23**		mg/L	0.20	0.073	1	388175	11/21/25 16:02	11/21/25 18:44	KUM
Chloride	**100**		mg/L	1.0	0.27	1	388175	11/21/25 16:02	11/21/25 18:44	KUM
Bromide	**0.53**		mg/L	0.30	0.060	1	388175	11/21/25 16:02	11/21/25 18:44	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	388175	11/21/25 16:02	11/21/25 18:44	KUM
Sulfate	**350**		mg/L	10	1.8	10	388175	11/21/25 16:02	11/21/25 19:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	389023	12/03/25	12/04/25	JAK
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**30**		mg/L	4.0	2.0	1	389360	12/06/25	12/06/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.52**		mg/L	0.050	0.018	1	388434	11/25/25	11/25/25	CAP
Calcium	**170**		mg/L	10	4.6	10	388434	11/25/25	11/26/25	CAP
Iron	**0.14**		mg/L	0.10	0.055	1	388434	11/25/25	11/25/25	CAP
Magnesium	**32**		mg/L	0.10	0.051	1	388434	11/25/25	11/25/25	CAP
Manganese	**0.74**		mg/L	0.010	0.0029	1	388434	11/25/25	11/25/25	CAP
Potassium	**1.5**		mg/L	0.50	0.50	1	388434	11/25/25	11/25/25	CAP
Sodium	**130**		mg/L	0.60	0.38	1	388434	11/25/25	11/25/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	389013	12/03/25	12/03/25	TCN
Chloromethane	ND		ug/L	1.0	0.09	1	389013	12/03/25	12/03/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	389013	12/03/25	12/03/25	TCN
Methylene Chloride	ND		ug/L	10	0.2	1	389013	12/03/25	12/03/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	389013	12/03/25	12/03/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	389013	12/03/25	12/03/25	TCN
Benzene	ND		ug/L	0.5	0.03	1	389013	12/03/25	12/03/25	TCN
Trichloroethene	ND		ug/L	0.5	0.05	1	389013	12/03/25	12/03/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.1	1	389013	12/03/25	12/03/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	389013	12/03/25	12/03/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Toluene-d8	102%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Bromofluorobenzene	101%		%REC	70-130		1	389013	12/03/25	12/03/25	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**6.5**		ug/L	1.0	0.84	1	388228	11/22/25	11/23/25	MSS
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	388228	11/22/25	11/23/25	MSS

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 547422

547422-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	388500	11/25/25	11/25/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**12**		mg/L	1.0	0.49	1	388441	11/25/25	11/26/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**410**		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Alkalinity, Total as CaCO3	**410**		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,200**		mg/L	20		2	388469	11/25/25	11/30/25	RDL

Sample ID: QCFB **Lab ID: 547422-004** **Collected: 11/20/25 09:13**
Matrix: Water

547422-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	389008	12/03/25	12/03/25	TCN
Chloromethane	ND		ug/L	1.0	0.09	1	389008	12/03/25	12/03/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
Methylene Chloride	**0.4**	J	ug/L	10	0.2	1	389008	12/03/25	12/03/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	389008	12/03/25	12/03/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	389008	12/03/25	12/03/25	TCN
Benzene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
Trichloroethene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	389008	12/03/25	12/03/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	389008	12/03/25	12/03/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	109%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN
1,2-Dichloroethane-d4	113%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN
Toluene-d8	100%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN
Bromofluorobenzene	102%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 547422

Sample ID: QCTB	Lab ID: 547422-005	Collected: 11/20/25
	Matrix: Water	

547422-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	389008	12/03/25	12/03/25	TCN
Chloromethane	ND		ug/L	1.0	0.09	1	389008	12/03/25	12/03/25	TCN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
Methylene Chloride	**0.9**	J	ug/L	10	0.2	1	389008	12/03/25	12/03/25	TCN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	389008	12/03/25	12/03/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	389008	12/03/25	12/03/25	TCN
Benzene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
Trichloroethene	ND		ug/L	0.5	0.1	1	389008	12/03/25	12/03/25	TCN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	389008	12/03/25	12/03/25	TCN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	389008	12/03/25	12/03/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	108%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN
1,2-Dichloroethane-d4	112%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN
Toluene-d8	100%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN
Bromofluorobenzene	104%		%REC	70-130		1	389008	12/03/25	12/03/25	TCN

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1315829	Batch: 388175
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1315829 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	11/21/25 16:02	11/21/25 17:03
Chloride	ND		mg/L	1.0	0.27	11/21/25 16:02	11/21/25 17:03
Bromide	ND		mg/L	0.30	0.060	11/21/25 16:02	11/21/25 17:03
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	11/21/25 16:02	11/21/25 17:03
Sulfate	ND		mg/L	1.0	0.18	11/21/25 16:02	11/21/25 17:03

Type: Lab Control Sample	Lab ID: QC1315830	Batch: 388175
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1315830 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.429	10.00	mg/L	94%		90-110
Chloride	46.71	50.00	mg/L	93%		90-110
Bromide	14.87	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.505	4.518	mg/L	100%		90-110
Sulfate	25.03	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1315831	Batch: 388175
Matrix (Source ID): Water (547506-001)	Method: EPA 300.0	Prep Method: METHOD

QC1315831 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.65	ND	20.00	mg/L	98%		80-129	1
Chloride	102.6	0.7795	100.0	mg/L	102%		80-123	1
Bromide	14.95	ND	15.00	mg/L	100%		80-121	1
Nitrogen, Nitrate	9.720	0.2180	9.036	mg/L	105%		80-123	1
Sulfate	52.04	0.9467	50.00	mg/L	102%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1315832	Batch: 388175
Matrix (Source ID): Water (547506-001)	Method: EPA 300.0	Prep Method: METHOD

QC1315832 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.72	ND	20.00	mg/L	99%		80-129	0	21	1
Chloride	101.9	0.7795	100.0	mg/L	101%		80-123	1	20	1
Bromide	14.85	ND	15.00	mg/L	99%		80-121	1	20	1
Nitrogen, Nitrate	9.644	0.2180	9.036	mg/L	104%		80-123	1	20	1
Sulfate	51.77	0.9467	50.00	mg/L	102%		79-124	1	20	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1315854	Batch:	388175
Matrix (Source ID):	Water (547577-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1315854 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.41	0.1155	20.00	mg/L	101%		80-129	1
Chloride	106.1	2.649	100.0	mg/L	103%		80-123	1
Bromide	15.10	ND	15.00	mg/L	101%		80-121	1
Nitrogen, Nitrate	9.483	ND	9.036	mg/L	105%		80-123	1
Sulfate	57.22	5.458	50.00	mg/L	104%		79-124	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1315855	Batch:	388175
Matrix (Source ID):	Water (547577-001)	Method:	EPA 300.0	Prep Method:	METHOD

QC1315855 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.42	0.1155	20.00	mg/L	102%		80-129	0	21	1
Chloride	106.0	2.649	100.0	mg/L	103%		80-123	0	20	1
Bromide	15.07	ND	15.00	mg/L	100%		80-121	0	20	1
Nitrogen, Nitrate	9.466	ND	9.036	mg/L	105%		80-123	0	20	1
Sulfate	57.11	5.458	50.00	mg/L	103%		79-124	0	20	1

Type:	Blank	Lab ID:	QC1318799	Batch:	389023
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1318799 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	12/03/25	12/04/25

Type:	Lab Control Sample	Lab ID:	QC1318800	Batch:	389023
Matrix:	Water	Method:	EPA 350.1	Prep Method:	METHOD

QC1318800 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.086	1.000	mg/L	109%		90-110

Type:	Matrix Spike	Lab ID:	QC1318819	Batch:	389023
Matrix (Source ID):	Water (547422-001)	Method:	EPA 350.1	Prep Method:	METHOD

QC1318819 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.010	ND	1.000	mg/L	101%		90-110	1

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1318820**
Matrix (Source ID):	**Water (547422-001)**	**Method:**	**EPA 350.1**
Batch:	**389023**		
Prep Method:	**METHOD**		

QC1318820 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.544	ND	1.000	mg/L	154%	*	90-110	42*	20	1

Type:	**Matrix Spike**	**Lab ID:**	**QC1318821**
Matrix (Source ID):	**Water (547422-002)**	**Method:**	**EPA 350.1**
Batch:	**389023**		
Prep Method:	**METHOD**		

QC1318821 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9951	ND	1.000	mg/L	100%		90-110	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1318822**
Matrix (Source ID):	**Water (547422-002)**	**Method:**	**EPA 350.1**
Batch:	**389023**		
Prep Method:	**METHOD**		

QC1318822 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9477	ND	1.000	mg/L	95%		90-110	5	20	1

Type:	**Matrix Spike**	**Lab ID:**	**QC1319913**
Matrix (Source ID):	**Water (548004-005)**	**Method:**	**EPA 410.4**
Batch:	**389360**		
Prep Method:	**EPA 410.4**		

QC1319913 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	3,250	1450	2500	mg/L	72%	*	75-125	100

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1319914**
Matrix (Source ID):	**Water (548004-005)**	**Method:**	**EPA 410.4**
Batch:	**389360**		
Prep Method:	**EPA 410.4**		

QC1319914 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	3,200	1450	2500	mg/L	70%	*	75-125	2	20	100

Type:	**Blank**	**Lab ID:**	**QC1319915**
Matrix:	**Water**	**Method:**	**EPA 410.4**
Batch:	**389360**		
Prep Method:	**EPA 410.4**		

QC1319915 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	12/06/25	12/06/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1319916	Batch: 389360
Matrix: Water	Method: EPA 410.4	Prep Method: EPA 410.4

QC1319916 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	95.00	100.0	mg/L	95%		90-110

Type: Blank	Lab ID: QC1316780	Batch: 388434
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1316780 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.018	11/25/25	11/25/25
Calcium	ND		mg/L	0.46	0.46	11/25/25	11/25/25
Iron	ND		mg/L	0.055	0.055	11/25/25	11/25/25
Magnesium	ND		mg/L	0.10	0.051	11/25/25	11/25/25
Manganese	ND		mg/L	0.010	0.0029	11/25/25	11/25/25
Potassium	ND		mg/L	0.50	0.50	11/25/25	11/25/25
Sodium	ND		mg/L	0.50	0.38	11/25/25	11/25/25

Type: Lab Control Sample	Lab ID: QC1316781	Batch: 388434
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1316781 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3738	0.4000	mg/L	93%		80-120
Calcium	18.91	20.40	mg/L	93%		80-120
Iron	0.3722	0.4000	mg/L	93%		80-120
Magnesium	19.33	20.40	mg/L	95%		80-120
Manganese	0.3718	0.4000	mg/L	93%		80-120
Potassium	22.34	24.00	mg/L	93%		80-120
Sodium	18.95	20.40	mg/L	93%		80-120

Type: Matrix Spike	Lab ID: QC1316782	Batch: 388434
Matrix (Source ID): Water (547770-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1316782 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	4.058	0.3545	4.000	mg/L	93%		75-125	10
Calcium	231.5	45.52	204.0	mg/L	91%		75-125	10
Iron	7.484	3.957	4.000	mg/L	88%		75-125	10
Magnesium	198.0	7.119	204.0	mg/L	94%		75-125	10
Manganese	3.793	0.08782	4.000	mg/L	93%		75-125	10
Potassium	227.3	5.602	240.0	mg/L	92%		75-125	10
Sodium	225.0	38.35	204.0	mg/L	91%		75-125	10

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1316783	Batch:	388434
Matrix (Source ID):	Water (547770-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1316783 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	4.095	0.3545	4.000	mg/L	94%		75-125	1	20	10
Calcium	235.0	45.52	204.0	mg/L	93%		75-125	1	20	10
Iron	7.464	3.957	4.000	mg/L	88%		75-125	0	22	10
Magnesium	201.3	7.119	204.0	mg/L	95%		75-125	2	20	10
Manganese	3.810	0.08782	4.000	mg/L	93%		75-125	0	20	10
Potassium	230.8	5.602	240.0	mg/L	94%		75-125	2	20	10
Sodium	228.2	38.35	204.0	mg/L	93%		75-125	1	20	10

Type:	Serial Dilution	Lab ID:	QC1316870	Batch:	388434
Matrix (Source ID):	Water (547770-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1316870 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	ND	0.3545	mg/L				50
Calcium	43.22	45.52	mg/L				50
Iron	4.089	3.957	mg/L				50
Magnesium	6.866	7.119	mg/L				50
Manganese	ND	0.08782	mg/L				50
Potassium	ND	5.602	mg/L				50
Sodium	38.82	38.35	mg/L				50

Type:	Lab Control Sample	Lab ID:	QC1318738	Batch:	389008
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318738 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	48.56	50.00	ug/L	97%		69-128
MTBE	48.31	50.00	ug/L	97%		66-125
Benzene	47.78	50.00	ug/L	96%		76-121
Trichloroethene	49.13	50.00	ug/L	98%		76-124
Toluene	47.92	50.00	ug/L	96%		76-120
Chlorobenzene	49.68	50.00	ug/L	99%		78-120
Surrogates						
Dibromofluoromethane	53.44	50.00	ug/L	107%		70-130
1,2-Dichloroethane-d4	54.32	50.00	ug/L	109%		70-130
Toluene-d8	50.45	50.00	ug/L	101%		70-130
Bromofluorobenzene	49.92	50.00	ug/L	100%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1318739	Batch:	389008
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318739 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.40	50.00	ug/L	97%		69-128	0	23
MTBE	49.37	50.00	ug/L	99%		66-125	2	22
Benzene	46.80	50.00	ug/L	94%		76-121	2	21
Trichloroethene	48.12	50.00	ug/L	96%		76-124	2	22
Toluene	47.41	50.00	ug/L	95%		76-120	1	21
Chlorobenzene	48.46	50.00	ug/L	97%		78-120	2	20
Surrogates								
Dibromofluoromethane	52.38	50.00	ug/L	105%		70-130		
1,2-Dichloroethane-d4	57.58	50.00	ug/L	115%		70-130		
Toluene-d8	49.43	50.00	ug/L	99%		70-130		
Bromofluorobenzene	52.97	50.00	ug/L	106%		70-130		

Type:	Blank	Lab ID:	QC1318743	Batch:	389008
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318743 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.2	12/03/25	12/03/25
Chloromethane	ND		ug/L	1.0	0.09	12/03/25	12/03/25
Vinyl Chloride	ND		ug/L	0.5	0.1	12/03/25	12/03/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	12/03/25	12/03/25
Methylene Chloride	ND		ug/L	10	0.2	12/03/25	12/03/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	12/03/25	12/03/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	12/03/25	12/03/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	12/03/25	12/03/25
Benzene	ND		ug/L	0.5	0.1	12/03/25	12/03/25
Trichloroethene	ND		ug/L	0.5	0.1	12/03/25	12/03/25
Tetrachloroethene	ND		ug/L	0.5	0.2	12/03/25	12/03/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	12/03/25	12/03/25
Surrogates				**Limits**			
Dibromofluoromethane	105%		%REC	70-130		12/03/25	12/03/25
1,2-Dichloroethane-d4	109%		%REC	70-130		12/03/25	12/03/25
Toluene-d8	100%		%REC	70-130		12/03/25	12/03/25
Bromofluorobenzene	110%		%REC	70-130		12/03/25	12/03/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1318817	Batch:	389008
Matrix (Source ID):	Water (547511-003)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318817 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	214.2	ND	200.0	ug/L	107%		62-131	10
MTBE	211.5	ND	200.0	ug/L	106%		61-124	10
Benzene	207.4	ND	200.0	ug/L	104%		70-123	10
Trichloroethene	430.2	184.0	200.0	ug/L	123%		65-131	10
Toluene	212.7	ND	200.0	ug/L	106%		69-120	10
Chlorobenzene	221.0	ND	200.0	ug/L	111%		72-121	10
Surrogates								
Dibromofluoromethane	511.2		500.0	ug/L	102%		70-130	10
1,2-Dichloroethane-d4	548.7		500.0	ug/L	110%		70-130	10
Toluene-d8	503.3		500.0	ug/L	101%		70-130	10
Bromofluorobenzene	525.7		500.0	ug/L	105%		70-130	10

Type:	Matrix Spike Duplicate	Lab ID:	QC1318818	Batch:	389008
Matrix (Source ID):	Water (547511-003)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318818 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	118.9	ND	200.0	ug/L	59%	*	62-131	57*	31	10
MTBE	123.7	ND	200.0	ug/L	62%		61-124	52*	30	10
Benzene	114.9	ND	200.0	ug/L	57%	*	70-123	57*	31	10
Trichloroethene	278.5	184.0	200.0	ug/L	47%	*	65-131	43*	31	10
Toluene	126.3	ND	200.0	ug/L	63%	*	69-120	51*	29	10
Chlorobenzene	130.6	ND	200.0	ug/L	65%	*	72-121	51*	29	10
Surrogates										
Dibromofluoromethane	513.0		500.0	ug/L	103%		70-130			10
1,2-Dichloroethane-d4	520.4		500.0	ug/L	104%		70-130			10
Toluene-d8	527.0		500.0	ug/L	105%		70-130			10
Bromofluorobenzene	519.5		500.0	ug/L	104%		70-130			10

Type:	Lab Control Sample	Lab ID:	QC1318758	Batch:	389013
Matrix:	Water	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318758 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.41	50.00	ug/L	93%		69-128
MTBE	50.10	50.00	ug/L	100%		66-125
Benzene	50.21	50.00	ug/L	100%		76-121
Trichloroethene	49.87	50.00	ug/L	100%		76-124
Toluene	49.38	50.00	ug/L	99%		76-120
Chlorobenzene	50.99	50.00	ug/L	102%		78-120
Surrogates						
Dibromofluoromethane	50.04	50.00	ug/L	100%		70-130
1,2-Dichloroethane-d4	53.31	50.00	ug/L	107%		70-130
Toluene-d8	50.00	50.00	ug/L	100%		70-130
Bromofluorobenzene	50.35	50.00	ug/L	101%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1318759	Batch: 389013
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1318759 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.77	50.00	ug/L	96%		69-128	3	23
MTBE	46.91	50.00	ug/L	94%		66-125	7	22
Benzene	48.41	50.00	ug/L	97%		76-121	4	21
Trichloroethene	51.27	50.00	ug/L	103%		76-124	3	22
Toluene	49.74	50.00	ug/L	99%		76-120	1	21
Chlorobenzene	49.61	50.00	ug/L	99%		78-120	3	20
Surrogates								
Dibromofluoromethane	48.03	50.00	ug/L	96%		70-130		
1,2-Dichloroethane-d4	49.83	50.00	ug/L	100%		70-130		
Toluene-d8	50.91	50.00	ug/L	102%		70-130		
Bromofluorobenzene	50.47	50.00	ug/L	101%		70-130		

Type: Blank	Lab ID: QC1318763	Batch: 389013
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1318763 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.08	12/03/25	12/03/25
Chloromethane	ND		ug/L	1.0	0.09	12/03/25	12/03/25
Vinyl Chloride	ND		ug/L	0.5	0.06	12/03/25	12/03/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	12/03/25	12/03/25
Methylene Chloride	ND		ug/L	10	0.2	12/03/25	12/03/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	12/03/25	12/03/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	12/03/25	12/03/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	12/03/25	12/03/25
Benzene	ND		ug/L	0.5	0.03	12/03/25	12/03/25
Trichloroethene	ND		ug/L	0.5	0.05	12/03/25	12/03/25
Tetrachloroethene	ND		ug/L	0.5	0.1	12/03/25	12/03/25
1,4-Dichlorobenzene	0.1	J	ug/L	0.5	0.09	12/03/25	12/03/25
Surrogates				**Limits**			
Dibromofluoromethane	99%		%REC	70-130		12/03/25	12/03/25
1,2-Dichloroethane-d4	98%		%REC	70-130		12/03/25	12/03/25
Toluene-d8	101%		%REC	70-130		12/03/25	12/03/25
Bromofluorobenzene	102%		%REC	70-130		12/03/25	12/03/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1318860	Batch:	389013
Matrix (Source ID):	Water (547382-008)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318860 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	18.65	ND	20.00	ug/L	93%		62-131	1
MTBE	14.81	ND	20.00	ug/L	74%		61-124	1
Benzene	18.22	ND	20.00	ug/L	91%		70-123	1
Trichloroethene	20.84	ND	20.00	ug/L	104%		65-131	1
Toluene	19.79	ND	20.00	ug/L	99%		69-120	1
Chlorobenzene	18.93	ND	20.00	ug/L	95%		72-121	1
Surrogates								
Dibromofluoromethane	47.74		50.00	ug/L	95%		70-130	1
1,2-Dichloroethane-d4	45.45		50.00	ug/L	91%		70-130	1
Toluene-d8	52.67		50.00	ug/L	105%		70-130	1
Bromofluorobenzene	50.87		50.00	ug/L	102%		70-130	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1318861	Batch:	389013
Matrix (Source ID):	Water (547382-008)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1318861 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.65	ND	20.00	ug/L	78%		62-131	17	31	1
MTBE	14.20	ND	20.00	ug/L	71%		61-124	4	30	1
Benzene	15.90	ND	20.00	ug/L	79%		70-123	14	31	1
Trichloroethene	18.39	ND	20.00	ug/L	92%		65-131	13	31	1
Toluene	17.30	ND	20.00	ug/L	87%		69-120	13	29	1
Chlorobenzene	16.98	ND	20.00	ug/L	85%		72-121	11	29	1
Surrogates										
Dibromofluoromethane	46.52		50.00	ug/L	93%		70-130			1
1,2-Dichloroethane-d4	47.83		50.00	ug/L	96%		70-130			1
Toluene-d8	52.83		50.00	ug/L	106%		70-130			1
Bromofluorobenzene	50.30		50.00	ug/L	101%		70-130			1

Type:	Blank	Lab ID:	QC1316007	Batch:	388228
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1316007 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.84	11/22/25	11/23/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		11/22/25	11/23/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1316008	Batch: 388228
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1316008 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.767	10.00	ug/L	98%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.27	10.00	ug/L	103%		80-120

Type: Matrix Spike	Lab ID: QC1316009	Batch: 388228
Matrix (Source ID): Water (547382-008)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1316009 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	10.16	ND	10.00	ug/L	102%		69-120	1
Surrogates								
1,4-Dioxane-d8 (SUR)	9.954		10.00	ug/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1316010	Batch: 388228
Matrix (Source ID): Water (547382-008)	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1316010 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	10.38	ND	10.00	ug/L	104%		69-120	2	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	10.32		10.00	ug/L	103%		80-120			1

Type: Blank	Lab ID: QC1317001	Batch: 388500
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1317001 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		11/25/25	11/25/25

Type: Lab Control Sample	Lab ID: QC1317002	Batch: 388500
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1317002 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1317003	Batch: 388500
Matrix (Source ID): Water (547511-003)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1317003 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

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Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1317004	Batch:	388500
Matrix (Source ID):	Water (547511-003)	Method:	SM 4500-S2-D	Prep Method:	METHOD

QC1317004 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type:	Blank	Lab ID:	QC1316800	Batch:	388441
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1316800 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	11/25/25	11/25/25

Type:	Lab Control Sample	Lab ID:	QC1316801	Batch:	388441
Matrix:	Water	Method:	SM 5310B	Prep Method:	SM 5310B

QC1316801 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.72	25.00	mg/L	91%		85-115

Type:	Matrix Spike	Lab ID:	QC1316803	Batch:	388441
Matrix (Source ID):	Water (547422-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1316803 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	32.67	9.612	25.00	mg/L	92%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1316804	Batch:	388441
Matrix (Source ID):	Water (547422-001)	Method:	SM 5310B	Prep Method:	SM 5310B

QC1316804 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	33.25	9.612	25.00	mg/L	95%		75-125	2	25	1

Type:	Blank	Lab ID:	QC1318783	Batch:	389020
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1318783 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		12/03/25	12/03/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		12/03/25	12/03/25

Type:	Lab Control Sample	Lab ID:	QC1318784	Batch:	389020
Matrix:	Water	Method:	SM2320B	Prep Method:	METHOD

QC1318784 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	973.6	1000	mg/L	97%		90-110

ENTHALPY ANALYTICAL

Batch QC

Type:	Sample Duplicate	Lab ID:	QC1318785	Batch:	389020
Matrix (Source ID):	Drinking Water (547856-001)	Method:	SM2320B	Prep Method:	METHOD

QC1318785 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	83.96	85.85	mg/L		2	20	1
Alkalinity, Total as CaCO3	83.96	85.85	mg/L		2	20	1

Type:	Blank	Lab ID:	QC1316896	Batch:	388469
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1316896 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		11/25/25	11/30/25

Type:	Lab Control Sample	Lab ID:	QC1316897	Batch:	388469
Matrix:	Water	Method:	SM2540C	Prep Method:	METHOD

QC1316897 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,017	1000	mg/L	102%		90-110

Type:	Sample Duplicate	Lab ID:	QC1316898	Batch:	388469
Matrix (Source ID):	Water (547320-001)	Method:	SM2540C	Prep Method:	METHOD

QC1316898 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	442.0	456.0	mg/L		3	5	2

Type:	Sample Duplicate	Lab ID:	QC1316899	Batch:	388469
Matrix (Source ID):	Water (547434-004)	Method:	SM2540C	Prep Method:	METHOD

QC1316899 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	750.0	786.0	mg/L		5	5	2

* Value is outside QC limits
J Estimated value
ND Not Detected

Laboratory Job Number 547422

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2511F57

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: PO-004158
Project: EO-547422

Project Location:
Project Received: 11/21/2025

Analytical Report reviewed & approved for release on 12/02/2025 by:

Yen Cao

Yen Cao
Project Manager

McCampbell Analytical Inc. is not accredited for all the testing in this report. The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2511F57

Project: EO-547422

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL.
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2511F57

Project: EO-547422

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2511F57
Date Received:	11/21/2025 9:56	**Extraction Method:**	RSK175
Date Prepared:	11/25/2025	**Analytical Method:**	RSK175
Project:	EO-547422	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
FP-01	2511F57-001A	Water	11/20/2025 09:11	GC26 1125251104.D	330893

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**29,000**	1000	1000	20	11/25/2025 14:15

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-29	2511F57-002A	Water	11/20/2025 10:18	GC26 1125251105.D	330893

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**9100**	500	500	10	11/25/2025 15:28

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-31	2511F57-003A	Water	11/20/2025 11:02	GC26 1125251106.D	330893

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**37,000**	2500	2500	50	11/25/2025 15:56

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2511F57
Date Prepared:	11/25/2025	**BatchID:**	330893
Date Analyzed:	11/25/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-547422	**Sample ID:**	MB/LCS/LCSD-330893

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	160	160	187.2	83	84	70-130	1.41	30

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2511F57 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: PO-004158
Project: EO-547422

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **11/21/2025**
Date Logged: **11/21/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2511F57-001	FP-01	Water	11/20/2025 09:11	☐	A	A										
2511F57-002	DW-29	Water	11/20/2025 10:18	☐	A	A										
2511F57-003	DW-31	Water	11/20/2025 11:02	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Gemma Gomez

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-547422 **Work Order:** 2511F57
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 11/21/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	FP-01	Water	RSK175 (CO2)	2	VOA w/ HCl	☐	☐	☐	11/20/2025 9:11	5 days	12/2/2025	None	☐	☐
002A	DW-29	Water	RSK175 (CO2)	2	VOA w/ HCl	☐	☐	☐	11/20/2025 10:18	5 days	12/2/2025	Present	☐	☐
003A	DW-31	Water	RSK175 (CO2)	2	VOA w/ HCl	☐	☐	☐	11/20/2025 11:02	5 days	12/2/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

25111F57

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-547422
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
FP-01	20-NOV-2025 09:11	547422-001	2	Water	RSK-175 CO2	
DW-29	20-NOV-2025 10:18	547422-002	2	Water	RSK-175 CO2	
DW-31	20-NOV-2025 11:02	547422-003	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Jim	GLS
	Date: 11.20.25 3pm	Date: 11.20.25
	GLS	
	Date: 11.21.25	Date:
	Fedex: 886250113764	
	Date:	Date: 11/21/25 09:56

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	11/21/2025 09:56
Project:	EO-547422	Date Logged:	11/21/2025
		Received by:	Gemma Gomez
WorkOrder №:	2511F57 Matrix: Water	Logged by:	Gemma Gomez
Carrier:	FedEx		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑
COC quote NOT expired?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☑	No	☐	NA	☐
Custody seals intact on sample bottles?	Yes	☑	No	☐	NA	☐
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.4°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 549310
Report Level : II
Report Date : 01/07/2026

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:



David Tripp, Project Manager
657-581-4710
david.tripp@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Project No: Location: Date Received:	549310 GW MONITORING Chiquita Canyon Landfill 12/18/25

Sample ID	Lab ID	Collected	Matrix
DW-29	549310-001	12/18/25 10:00	Water
DW-31	549310-002	12/18/25 10:50	Water
FP-01	549310-003	12/18/25 08:57	Water
QCTB	549310-004	12/18/25 00:00	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 549310 Project No: GW MONITORING Location: Chiquita Canyon Landfill Date Received: 12/18/25

This data package contains sample and QC results for four water samples, requested for the above referenced project on 12/19/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- High recoveries were observed for chlorobenzene and MTBE in the MS/MSD for batch 391359; the parent sample was not a project sample, the BS/BSD were within limits, the associated RPDs were within limits, and these high recoveries were not associated with any reported results.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):
No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):
No analytical problems were encountered.

Alkalinity (SM2320B):
No analytical problems were encountered.

Sulfide (SM 4500-S2-D):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):
No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):
No analytical problems were encountered.

RSK-175 CO2 (RSK-175):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 549310

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: 3.6/3.5 IRD (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Analysis Request

Test Instructions / Comments

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1	DW-29	12/8/25	1000	W	13	var.	X	X	X	X	X	X	X	X	X
2	DW-31	↓	1050	↓	↓	↓	X	X	X	X	X	X	X	X	X
3	FP-01	↓	857	↓	↓	↓	X	X	X	X	X	X	X	X	X
4	RCTB	—	—	↓	2	↓	X								
5															
6															
7															
8															
9															
10															

Login 549310

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CCI	12/18/25 1155
[1] Received By:		Jim Lin	EA·NH	12·18·25 1155
[2] Relinquished By:		Jim Lin	EA·NH	12·19·25 07:50
[2] Received By:		John Zachman	EA/NH	12/19/25 07:50
[3] Relinquished By:		John Zachman	EA/NH	12/19/25 11:00
[3] Received By:		Penny	EA	12/19/25 1140

Cooler: Ncmp (12/19/25 1227 Reci NCM EA 12-19-25 1227

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 12.18.25 WO# 549310 Client: Chiquita Canyon GW

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ☒ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 12.18.25 By (initials) JWL Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 8.9 / 8.2 #2: ____ / ____ #3: ____ / ____ #4: ____ / ____ #5: ____ / ____ #6: ____ / ____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	✓		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	✓		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			✓
13) Are VOA vials free from headspace/bubbles > 6mm?			✓

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged 12.18.25 By (print) JWL (sign) [signature]

Date Labeled 12.18.25 By (print) JWL (sign) [signature]

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 12/19/25 WO# 549310 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 12/19/25 By (initials) DEP Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR10 CF: +0.2

Cooler Temp (°C) #1: 3.6 / 3.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.10: Nitrate is received with 1/2 holding time remaining

☐ **No additional discrepancies**

Date Logged 12/18/25 **By (print)** JWL **(sign)** N/A

Date Labeled 12/18/25 **By (print)** JWL **(sign)** N/A

ENTHALPY ANALYTICAL

Analysis Results for 549310

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 549310
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 12/18/25

Sample ID: DW-29 **Lab ID: 549310-001** **Collected: 12/18/25 10:00**
Matrix: Water

549310-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.42**		mg/L	0.20	0.059	1	390596	12/19/25 12:13	12/19/25 22:43	KUM
Chloride	**91**		mg/L	1.0	0.26	1	390596	12/19/25 12:13	12/19/25 22:43	KUM
Bromide	**0.35**		mg/L	0.30	0.061	1	390596	12/19/25 12:13	12/19/25 22:43	KUM
Nitrogen, Nitrate	**2.2**		mg/L	0.10	0.05	1	390596	12/19/25 12:13	12/19/25 22:43	KUM
Sulfate	**360**		mg/L	10	1.8	10	390596	12/19/25 12:13	12/19/25 23:08	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	390838	12/23/25	12/26/25	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**10**		mg/L	4.0	2.0	1	391306	12/30/25	12/31/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.40**		mg/L	0.050	0.018	1	390760	12/22/25	12/22/25	CAP
Calcium	**67**		mg/L	0.10	0.0095	1	390648	12/19/25	12/19/25	KAM
Iron	**0.066**		mg/L	0.050	0.017	1	390648	12/19/25	12/19/25	KAM
Magnesium	**9.1**		mg/L	0.10	0.017	1	390648	12/19/25	12/19/25	KAM
Manganese	**0.20**		mg/L	0.010	0.00075	1	390648	12/19/25	12/19/25	KAM
Potassium	**1.3**		mg/L	0.50	0.20	1	390648	12/19/25	12/19/25	KAM
Sodium	**220**		mg/L	0.50	0.017	1	390648	12/19/25	12/19/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	391359	12/31/25	12/31/25	HMN
Chloromethane	ND		ug/L	1.0	0.09	1	391359	12/31/25	12/31/25	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Methylene Chloride	ND		ug/L	10	0.2	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	391359	12/31/25	12/31/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Benzene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane-d4	102%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Toluene-d8	99%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Bromofluorobenzene	92%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 549310

549310-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.84	1	390683	12/20/25	12/21/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	390683	12/20/25	12/21/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	390937	12/23/25	12/23/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**1.8**		mg/L	1.0	0.49	1	391156	12/28/25	12/28/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**300**		mg/L	3.3		1.7	390812	12/23/25	12/23/25	WWC
Alkalinity, Total as CaCO3	**300**		mg/L	3.3		1.7	390812	12/23/25	12/23/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**980**		mg/L	20		2	390938	12/23/25	12/26/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 549310

Sample ID: DW-31	Lab ID: 549310-002	Collected: 12/18/25 10:50
	Matrix: Water	

549310-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.24**		mg/L	0.20	0.059	1	390596	12/19/25 12:13	12/19/25 23:33	KUM
Chloride	**93**		mg/L	1.0	0.26	1	390596	12/19/25 12:13	12/19/25 23:33	KUM
Bromide	**0.51**		mg/L	0.30	0.061	1	390596	12/19/25 12:13	12/19/25 23:33	KUM
Nitrogen, Nitrate	**0.07**	J	mg/L	0.10	0.05	1	390596	12/19/25 12:13	12/19/25 23:33	KUM
Sulfate	**360**		mg/L	10	1.8	10	390596	12/19/25 12:13	12/19/25 23:58	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	390838	12/23/25	12/26/25	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**26**		mg/L	4.0	2.0	1	391306	12/30/25	12/31/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.56**		mg/L	0.050	0.018	1	390760	12/22/25	12/22/25	CAP
Calcium	**170**		mg/L	0.10	0.0095	1	390648	12/19/25	12/19/25	KAM
Iron	**0.071**		mg/L	0.050	0.017	1	390648	12/19/25	12/19/25	KAM
Magnesium	**32**		mg/L	0.10	0.017	1	390648	12/19/25	12/19/25	KAM
Manganese	**0.69**		mg/L	0.010	0.00075	1	390648	12/19/25	12/19/25	KAM
Potassium	**1.4**		mg/L	0.50	0.20	1	390648	12/19/25	12/19/25	KAM
Sodium	**120**		mg/L	0.50	0.017	1	390648	12/19/25	12/19/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	391359	12/31/25	12/31/25	HMN
Chloromethane	ND		ug/L	1.0	0.09	1	391359	12/31/25	12/31/25	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Methylene Chloride	ND		ug/L	10	0.2	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	391359	12/31/25	12/31/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Benzene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane-d4	102%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Toluene-d8	99%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Bromofluorobenzene	96%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**5.8**		ug/L	1.0	0.84	1	390683	12/20/25	12/21/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	390683	12/20/25	12/21/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 549310

549310-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	390937	12/23/25	12/23/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**8.7**		mg/L	1.0	0.49	1	391156	12/28/25	12/28/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**430**		mg/L	3.3		1.7	390812	12/23/25	12/23/25	WWC
Alkalinity, Total as CaCO3	**430**		mg/L	3.3		1.7	390812	12/23/25	12/23/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	390938	12/23/25	12/26/25	AAB

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 549310

Sample ID: FP-01	Lab ID: 549310-003	Collected: 12/18/25 08:57
	Matrix: Water	

549310-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	**0.31**		mg/L	0.20	0.059	1	390596	12/19/25 12:13	12/20/25 00:23	KUM
Chloride	**96**		mg/L	1.0	0.26	1	390596	12/19/25 12:13	12/20/25 00:23	KUM
Bromide	**0.45**		mg/L	0.30	0.061	1	390596	12/19/25 12:13	12/20/25 00:23	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	390596	12/19/25 12:13	12/20/25 00:23	KUM
Sulfate	**360**		mg/L	10	1.8	10	390596	12/19/25 12:13	12/20/25 00:48	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	390838	12/23/25	12/26/25	CKN
Method: EPA 410.4 Prep Method: EPA 410.4										
Chemical Oxygen Demand	**19**		mg/L	4.0	2.0	1	391306	12/30/25	12/31/25	ARM
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	**0.49**		mg/L	0.050	0.018	1	390760	12/22/25	12/22/25	CAP
Calcium	**150**		mg/L	0.10	0.0095	1	390648	12/19/25	12/19/25	KAM
Iron	ND		mg/L	0.050	0.017	1	390648	12/19/25	12/19/25	KAM
Magnesium	**31**		mg/L	0.10	0.017	1	390648	12/19/25	12/19/25	KAM
Manganese	**0.50**		mg/L	0.010	0.00075	1	390648	12/19/25	12/19/25	KAM
Potassium	**1.5**		mg/L	0.50	0.20	1	390648	12/19/25	12/19/25	KAM
Sodium	**120**		mg/L	0.50	0.017	1	390648	12/19/25	12/19/25	KAM
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	391359	12/31/25	12/31/25	HMN
Chloromethane	ND		ug/L	1.0	0.09	1	391359	12/31/25	12/31/25	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Methylene Chloride	ND		ug/L	10	0.2	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	391359	12/31/25	12/31/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Benzene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	103%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane-d4	103%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Toluene-d8	98%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Bromofluorobenzene	95%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	**3.9**		ug/L	1.0	0.84	1	390683	12/20/25	12/21/25	ZFA
Surrogates				**Limits**						
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	390683	12/20/25	12/21/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 549310

549310-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	390937	12/23/25	12/23/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	**6.4**		mg/L	1.0	0.49	1	391156	12/28/25	12/28/25	BDR
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	**370**		mg/L	3.3		1.7	390812	12/23/25	12/23/25	WWC
Alkalinity, Total as CaCO3	**370**		mg/L	3.3		1.7	390812	12/23/25	12/23/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	**1,100**		mg/L	20		2	390938	12/23/25	12/26/25	AAB

Sample ID: QCTB **Lab ID: 549310-004** **Collected: 12/18/25**
Matrix: Water

549310-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.2	1	391359	12/31/25	12/31/25	HMN
Chloromethane	ND		ug/L	1.0	0.09	1	391359	12/31/25	12/31/25	HMN
Vinyl Chloride	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Methylene Chloride	**0.8**	J	ug/L	10	0.2	1	391359	12/31/25	12/31/25	HMN
1,1-Dichloroethane	ND		ug/L	0.5	0.09	1	391359	12/31/25	12/31/25	HMN
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Benzene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Trichloroethene	ND		ug/L	0.5	0.1	1	391359	12/31/25	12/31/25	HMN
Tetrachloroethene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	1	391359	12/31/25	12/31/25	HMN
Surrogates				**Limits**						
Dibromofluoromethane	102%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Toluene-d8	97%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN
Bromofluorobenzene	90%		%REC	70-130		1	391359	12/31/25	12/31/25	HMN

J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1324185**	**Batch:**	**390596**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1324185 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.059	12/19/25 12:13	12/19/25 14:00
Chloride	ND		mg/L	1.0	0.26	12/19/25 12:13	12/19/25 14:00
Bromide	ND		mg/L	0.30	0.061	12/19/25 12:13	12/19/25 14:00
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	12/19/25 12:13	12/19/25 14:00
Sulfate	ND		mg/L	1.0	0.18	12/19/25 12:13	12/19/25 14:00

Type:	**Lab Control Sample**	**Lab ID:**	**QC1324186**	**Batch:**	**390596**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1324186 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.46	10.00	mg/L	105%		90-110
Chloride	47.63	50.00	mg/L	95%		90-110
Bromide	14.86	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.489	4.518	mg/L	99%		90-110
Sulfate	25.34	25.00	mg/L	101%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1324187**	**Batch:**	**390596**
Matrix (Source ID):	**Water (549297-003)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1324187 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.86	ND	20.00	mg/L	109%		80-129	1
Chloride	102.5	ND	100.0	mg/L	103%		80-123	1
Bromide	15.24	ND	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.289	ND	9.036	mg/L	103%		80-123	1
Sulfate	51.82	ND	50.00	mg/L	104%		79-124	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1324188**	**Batch:**	**390596**
Matrix (Source ID):	**Water (549297-003)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1324188 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	25.30	ND	20.00	mg/L	126%		80-129	15	21	1
Chloride	118.6	ND	100.0	mg/L	119%		80-123	15	20	1
Bromide	17.61	ND	15.00	mg/L	117%		80-121	14	20	1
Nitrogen, Nitrate	10.70	ND	9.036	mg/L	118%		80-123	14	20	1
Sulfate	60.28	ND	50.00	mg/L	121%		79-124	15	20	1

Type:	**Blank**	**Lab ID:**	**QC1324991**	**Batch:**	**390838**
Matrix:	**Water**	**Method:**	**EPA 350.1**	**Prep Method:**	**METHOD**

QC1324991 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	12/23/25	12/26/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1324992	Batch: 390838
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1324992 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9879	1.000	mg/L	99%		90-110

Type: Matrix Spike	Lab ID: QC1324993	Batch: 390838
Matrix (Source ID): Water (549310-001)	Method: EPA 350.1	Prep Method: METHOD

QC1324993 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9951	ND	1.000	mg/L	100%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1324994	Batch: 390838
Matrix (Source ID): Water (549310-001)	Method: EPA 350.1	Prep Method: METHOD

QC1324994 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.031	ND	1.000	mg/L	103%		90-110	4	20	1

Type: Matrix Spike	Lab ID: QC1326626	Batch: 391306
Matrix (Source ID): Water (549310-001)	Method: EPA 410.4	Prep Method: EPA 410.4

QC1326626 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	92.00	10.00	100.0	mg/L	82%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1326627	Batch: 391306
Matrix (Source ID): Water (549310-001)	Method: EPA 410.4	Prep Method: EPA 410.4

QC1326627 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	104.0	10.00	100.0	mg/L	94%		75-125	12	20	2

Type: Blank	Lab ID: QC1326632	Batch: 391306
Matrix: Water	Method: EPA 410.4	Prep Method: EPA 410.4

QC1326632 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	12/30/25	12/31/25

Type: Lab Control Sample	Lab ID: QC1326633	Batch: 391306
Matrix: Water	Method: EPA 410.4	Prep Method: EPA 410.4

QC1326633 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	98.00	100.0	mg/L	98%		90-110

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Batch QC

Type: Blank	Lab ID: QC1324332	Batch: 390648
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1324332 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Calcium	ND		mg/L	0.10	0.0095	12/19/25	12/19/25
Iron	ND		mg/L	0.020	0.017	12/19/25	12/19/25
Magnesium	ND		mg/L	0.10	0.017	12/19/25	12/19/25
Manganese	ND		mg/L	0.010	0.00075	12/19/25	12/19/25
Potassium	ND		mg/L	0.50	0.20	12/19/25	12/19/25
Sodium	ND		mg/L	0.50	0.017	12/19/25	12/19/25

Type: Lab Control Sample	Lab ID: QC1324333	Batch: 390648
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1324333 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Calcium	18.17	20.40	mg/L	89%		80-120
Iron	0.3708	0.4000	mg/L	93%		80-120
Magnesium	19.18	20.40	mg/L	94%		80-120
Manganese	0.3606	0.4000	mg/L	90%		80-120
Potassium	20.72	24.00	mg/L	86%		80-120
Sodium	17.68	20.40	mg/L	87%		80-120

Type: Matrix Spike	Lab ID: QC1324334	Batch: 390648
Matrix (Source ID): Water (549310-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1324334 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Calcium	84.71	67.41	20.40	mg/L	85%		75-125	1
Iron	0.4172	0.06644	0.4000	mg/L	88%		75-125	1
Magnesium	28.19	9.097	20.40	mg/L	94%		75-125	1
Manganese	0.5511	0.1956	0.4000	mg/L	89%		75-125	1
Potassium	22.91	1.342	24.00	mg/L	90%		75-125	1
Sodium	238.8	224.1	20.40	mg/L	72%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1324335	Batch: 390648
Matrix (Source ID): Water (549310-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1324335 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Calcium	84.69	67.41	20.40	mg/L	85%		75-125	0	20	1
Iron	0.4301	0.06644	0.4000	mg/L	91%		75-125	3	22	1
Magnesium	27.88	9.097	20.40	mg/L	92%		75-125	1	20	1
Manganese	0.5472	0.1956	0.4000	mg/L	88%		75-125	1	20	1
Potassium	22.64	1.342	24.00	mg/L	89%		75-125	1	20	1
Sodium	239.4	224.1	20.40	mg/L	75%	NM	75-125	0	20	1

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Batch QC

Type:	Serial Dilution	Lab ID:	QC1324366	Batch:	390648
Matrix (Source ID):	Water (549310-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1324366 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Calcium	68.13	67.41	mg/L				5
Iron	ND	0.06644	mg/L				5
Magnesium	9.192	9.097	mg/L				5
Manganese	0.2023	0.1956	mg/L				5
Potassium	1.044	1.342	mg/L	J			5
Sodium	227.9	224.1	mg/L				5

Type:	Blank	Lab ID:	QC1324755	Batch:	390760
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1324755 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.018	12/22/25	12/22/25

Type:	Lab Control Sample	Lab ID:	QC1324756	Batch:	390760
Matrix:	Water	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1324756 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3992	0.4000	mg/L	100%		80-120

Type:	Matrix Spike	Lab ID:	QC1324757	Batch:	390760
Matrix (Source ID):	Water (549310-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1324757 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.9539	0.5613	0.4000	mg/L	98%		75-125	1

Type:	Matrix Spike Duplicate	Lab ID:	QC1324758	Batch:	390760
Matrix (Source ID):	Water (549310-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1324758 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.9500	0.5613	0.4000	mg/L	97%		75-125	0	20	1

Type:	Serial Dilution	Lab ID:	QC1324806	Batch:	390760
Matrix (Source ID):	Water (549310-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1324806 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.5593	0.5613	mg/L				5

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1326845	Batch: 391359
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1326845 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.2	12/31/25	12/31/25
Chloromethane	ND		ug/L	1.0	0.09	12/31/25	12/31/25
Vinyl Chloride	ND		ug/L	0.5	0.1	12/31/25	12/31/25
1,1-Dichloroethene	ND		ug/L	0.5	0.1	12/31/25	12/31/25
Methylene Chloride	ND		ug/L	10	0.2	12/31/25	12/31/25
1,1-Dichloroethane	ND		ug/L	0.5	0.09	12/31/25	12/31/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.1	12/31/25	12/31/25
1,2-Dichloroethane	ND		ug/L	0.5	0.2	12/31/25	12/31/25
Benzene	ND		ug/L	0.5	0.1	12/31/25	12/31/25
Trichloroethene	ND		ug/L	0.5	0.1	12/31/25	12/31/25
Tetrachloroethene	ND		ug/L	0.5	0.2	12/31/25	12/31/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.2	12/31/25	12/31/25
Surrogates				**Limits**			
Dibromofluoromethane	102%		%REC	70-130		12/31/25	12/31/25
1,2-Dichloroethane-d4	100%		%REC	70-130		12/31/25	12/31/25
Toluene-d8	102%		%REC	70-130		12/31/25	12/31/25
Bromofluorobenzene	93%		%REC	70-130		12/31/25	12/31/25

Type: Lab Control Sample	Lab ID: QC1326846	Batch: 391359
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1326846 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	59.86	50.00	ug/L	120%		69-128
MTBE	55.30	50.00	ug/L	111%		66-125
Benzene	53.85	50.00	ug/L	108%		76-121
Trichloroethene	51.44	50.00	ug/L	103%		76-124
Toluene	50.24	50.00	ug/L	100%		76-120
Chlorobenzene	54.21	50.00	ug/L	108%		78-120
Surrogates						
Dibromofluoromethane	52.12	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	50.18	50.00	ug/L	100%		70-130
Toluene-d8	49.95	50.00	ug/L	100%		70-130
Bromofluorobenzene	45.36	50.00	ug/L	91%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1326847**	**Batch:**	**391359**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1326847 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	54.43	50.00	ug/L	109%		69-128	9	23
MTBE	49.30	50.00	ug/L	99%		66-125	11	22
Benzene	48.14	50.00	ug/L	96%		76-121	11	21
Trichloroethene	48.62	50.00	ug/L	97%		76-124	6	22
Toluene	47.32	50.00	ug/L	95%		76-120	6	21
Chlorobenzene	49.97	50.00	ug/L	100%		78-120	8	20
Surrogates								
Dibromofluoromethane	50.29	50.00	ug/L	101%		70-130		
1,2-Dichloroethane-d4	52.93	50.00	ug/L	106%		70-130		
Toluene-d8	51.28	50.00	ug/L	103%		70-130		
Bromofluorobenzene	44.90	50.00	ug/L	90%		70-130		

Type:	**Matrix Spike**	**Lab ID:**	**QC1326859**	**Batch:**	**391359**
Matrix (Source ID):	**Water (549455-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1326859 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	26.22	ND	20.00	ug/L	131%		62-131	1
MTBE	25.54	ND	20.00	ug/L	128%	*	61-124	1
Benzene	23.44	ND	20.00	ug/L	117%		70-123	1
Trichloroethene	24.31	ND	20.00	ug/L	122%		65-131	1
Toluene	22.52	ND	20.00	ug/L	113%		69-120	1
Chlorobenzene	24.47	ND	20.00	ug/L	122%	*	72-121	1
Surrogates								
Dibromofluoromethane	51.84		50.00	ug/L	104%		70-130	1
1,2-Dichloroethane-d4	51.07		50.00	ug/L	102%		70-130	1
Toluene-d8	51.12		50.00	ug/L	102%		70-130	1
Bromofluorobenzene	44.49		50.00	ug/L	89%		70-130	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1326860	Batch:	391359
Matrix (Source ID):	Water (549455-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1326860 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	25.71	ND	20.00	ug/L	129%		62-131	2	31	1
MTBE	25.45	ND	20.00	ug/L	127%	*	61-124	0	30	1
Benzene	22.60	ND	20.00	ug/L	113%		70-123	4	31	1
Trichloroethene	22.62	ND	20.00	ug/L	113%		65-131	7	31	1
Toluene	21.86	ND	20.00	ug/L	109%		69-120	3	29	1
Chlorobenzene	22.82	ND	20.00	ug/L	114%		72-121	7	29	1
Surrogates										
Dibromofluoromethane	52.07		50.00	ug/L	104%		70-130			1
1,2-Dichloroethane-d4	53.08		50.00	ug/L	106%		70-130			1
Toluene-d8	50.00		50.00	ug/L	100%		70-130			1
Bromofluorobenzene	45.07		50.00	ug/L	90%		70-130			1

Type:	Blank	Lab ID:	QC1324456	Batch:	390683
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1324456 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.84	12/20/25	12/21/25
Surrogates				**Limits**			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		12/20/25	12/21/25

Type:	Lab Control Sample	Lab ID:	QC1324457	Batch:	390683
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1324457 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.20	10.00	ug/L	112%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.860	10.00	ug/L	99%		80-120

Type:	Lab Control Sample Duplicate	Lab ID:	QC1324458	Batch:	390683
Matrix:	Water	Method:	EPA 8270C-SIM	Prep Method:	EPA 3535

QC1324458 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	11.12	10.00	ug/L	111%		79-120	1	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.869	10.00	ug/L	99%		80-120		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike**	**Lab ID:**	**QC1324547**	**Batch:**	**390683**
Matrix (Source ID):	**Water (548883-009)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1324547 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,4-Dioxane	11.11	ND	10.00	ug/L	111%		69-120	1
Surrogates								
1,4-Dioxane-d8 (SUR)	9.717		10.00	ug/L	97%		80-120	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1324548**	**Batch:**	**390683**
Matrix (Source ID):	**Water (548883-009)**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3535**

QC1324548 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,4-Dioxane	10.98	ND	10.00	ug/L	110%		69-120	1	30	1
Surrogates										
1,4-Dioxane-d8 (SUR)	9.911		10.00	ug/L	99%		80-120			1

Type:	**Blank**	**Lab ID:**	**QC1325303**	**Batch:**	**390937**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1325303 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		12/23/25	12/23/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1325304**	**Batch:**	**390937**
Matrix:	**Water**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1325304 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1325305**	**Batch:**	**390937**
Matrix (Source ID):	**Drinking Water (549571-004)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1325305 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1325306**	**Batch:**	**390937**
Matrix (Source ID):	**Drinking Water (549571-004)**	**Method:**	**SM 4500-S2-D**	**Prep Method:**	**METHOD**

QC1325306 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank **Lab ID: QC1326104** **Batch: 391156**
Matrix: Water **Method: SM 5310B** **Prep Method: SM 5310B**

QC1326104 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	12/28/25	12/28/25

Type: Lab Control Sample **Lab ID: QC1326105** **Batch: 391156**
Matrix: Water **Method: SM 5310B** **Prep Method: SM 5310B**

QC1326105 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.35	25.00	mg/L	89%		85-115

Type: Matrix Spike **Lab ID: QC1326124** **Batch: 391156**
Matrix (Source ID): Water (549566-001) **Method: SM 5310B** **Prep Method: SM 5310B**

QC1326124 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	26.64	2.724	25.00	mg/L	96%		75-125	1

Type: Matrix Spike Duplicate **Lab ID: QC1326125** **Batch: 391156**
Matrix (Source ID): Water (549566-001) **Method: SM 5310B** **Prep Method: SM 5310B**

QC1326125 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	27.64	2.724	25.00	mg/L	100%		75-125	4	25	1

Type: Blank **Lab ID: QC1324901** **Batch: 390812**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1324901 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO3	ND		mg/L	2.0		12/23/25	12/23/25
Alkalinity, Total as CaCO3	ND		mg/L	2.0		12/23/25	12/23/25

Type: Lab Control Sample **Lab ID: QC1324902** **Batch: 390812**
Matrix: Water **Method: SM2320B** **Prep Method: METHOD**

QC1324902 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO3	984.3	1000	mg/L	98%		90-110

Type: Sample Duplicate **Lab ID: QC1324903** **Batch: 390812**
Matrix (Source ID): Water (548695-001) **Method: SM2320B** **Prep Method: METHOD**

QC1324903 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO3	327.3	313.4	mg/L		4	20	2.5
Alkalinity, Total as CaCO3	438.7	420.2	mg/L		4	20	2.5

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Batch QC

Type: Blank	**Lab ID: QC1325299**	**Batch: 390938**
Matrix: Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1325299 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		12/23/25	12/26/25

Type: Lab Control Sample	**Lab ID: QC1325300**	**Batch: 390938**
Matrix: Water	**Method: SM2540C**	**Prep Method: METHOD**

QC1325300 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,028	1000	mg/L	103%		90-110

Type: Sample Duplicate	**Lab ID: QC1325301**	**Batch: 390938**
Matrix (Source ID): Water (549310-001)	**Method: SM2540C**	**Prep Method: METHOD**

QC1325301 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	984.0	984.0	mg/L		0	5	2

Type: Sample Duplicate	**Lab ID: QC1325302**	**Batch: 390938**
Matrix (Source ID): Water (549463-007)	**Method: SM2540C**	**Prep Method: METHOD**

QC1325302 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	ND	ND	mg/L			5	1

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 549310

Subcontracted Products

McCampbell Analytical, Inc.

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"When Quality Counts"

Analytical Report

WorkOrder: 2512D85

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-549310

Project Location:
Project Received: 12/19/2025

Analytical Report reviewed & approved for release on 12/26/2025 by:

Jena Alfaro
Project Manager

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2512D85

Project: EO-549310

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL.
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2512D85

Project: EO-549310

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TPH-Diesel	Sample results for semi-volatile TPH (diesel, kerosene, oil, etc) were calculated using a background subtraction procedure to correct for instrument baseline rise (column bleed) as described in Sec 7.7.2.2 of EPA 8015 B, C.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2512D85
Date Received:	12/19/2025 10:10	**Extraction Method:**	RSK175
Date Prepared:	12/23/2025	**Analytical Method:**	RSK175
Project:	EO-549310	**Unit:**	µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-29	2512D85-001A	Water	12/18/2025 10:00	GC26 1223250106.D	332669

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**11,000**	500	500	10	12/23/2025 15:50

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
DW-31	2512D85-002A	Water	12/18/2025 10:50	GC26 1223250107.D	332669

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**45,000**	2500	2500	50	12/23/2025 16:15

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument FileID	Batch ID
FP-01	2512D85-003A	Water	12/18/2025 08:57	GC26 1223250108.D	332669

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	**31,000**	2000	2000	40	12/23/2025 16:49

Analyst(s): CLO

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2512D85
Date Prepared:	12/23/2025	**BatchID:**	332669
Date Analyzed:	12/23/2025	**Extraction Method:**	RSK175
Instrument:	GC26	**Analytical Method:**	RSK175
Matrix:	Water	**Unit:**	µg/L
Project:	EO-549310	**Sample ID:**	MB/LCS/LCSD-332669

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	150	170	187.2	83	92	70-130	10.7	30

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Pittsburg, CA 94565-1701
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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2512D85 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-549310

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **12/19/2025**
Date Logged: **12/19/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2512D85-001	DW-29	Water	12/18/2025 10:00	☐	A	A										
2512D85-002	DW-31	Water	12/18/2025 10:50	☐	A	A										
2512D85-003	FP-01	Water	12/18/2025 08:57	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL
Client Contact: Zach Barker
Contact's Email: zach.barker@enthalpy.com

Project: EO-549310
Comments

Work Order: 2512D85
QC Level: LEVEL 2
Date Logged: 12/19/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	12/18/2025 10:00	5 days	12/29/2025	Present	☐	☐
002A	DW-31	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	12/18/2025 10:50	5 days	12/29/2025	Present	☐	☐
003A	FP-01	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	12/18/2025 8:57	5 days	12/29/2025	None	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2512D85

ENTHALPY ANALYTICAL
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-549310
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-29	18-DEC-2025 10:00	549310-001	2	Water	RSK-175 CO2	
DW-31	18-DEC-2025 10:50	549310-002	2	Water	RSK-175 CO2	
FP-01	18-DEC-2025 08:57	549310-003	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	JmLin	GLS
	Date: 12.18.25 3pm	Date: 12.18.25 3pm
	GLS	
	Date: 12.19.25	Date: 12/19/25 1010
	Date:	Date:

3.9°C wet
IR34

TN: 563874986

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	12/19/2025 10:10
Project:	EO-549310	Date Logged:	12/19/2025
		Received by:	
WorkOrder №:	2512D85 Matrix:	Logged by:	Valerie Alfaro
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☑	No	☐	NA	☐
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 3.9°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☑	No	☐	NA	☐
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

APPENDIX D-2

SITE WATER SAMPLE

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 537743
Report Level : II
Report Date : 07/31/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Location: Chiquita Canyon Landfill

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384		Lab Job #: Location: Date Received:	537743 Chiquita Canyon Landfill 07/16/25

Sample ID	Lab ID	Collected	Matrix
JS-1	537743-001	07/16/25 10:38	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 537743 Location: Chiquita Canyon Landfill Date Received: 07/16/25

This data package contains sample and QC results for one water sample, requested for the above referenced project on 07/17/25. The sample was received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- Low recovery was observed for trichloroethene in the BSD for batch 377758; the associated RPD was within limits.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

pH of Aqueous Samples (SM 4500-H+ B):
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 537743

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	
Fax:		Sampled By:	Paul Chang

Analysis Request

Test Instructions / Comments

IR 13 2.0,79

Login 537743

Site Water

cc report to: pchang@changenvironmental.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	pH, Nitrate-N	Total Metals; As, Cd, Cu, Pb, Hg, Ni, Se	Ag, Zn
1	JS-1	7/16/25	1038	W	6	var.	x	x	x	
2										
3										
4										
5										
6										
7										
8										
9										
10										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	7/16/25 12:36
[1] Received By:		Alice Tahmasian	EA/NT	7/16/25 12:36
[2] Relinquished By:		Alice Tahmasian	EA/NT	7/17/25 9:12
[2] Received By:		GEMA O.	EA/NT	7.17.25 9:12
[3] Relinquished By:		GEMA O.	EA/NT	7.17.25 12:00
[3] Received By:		W. CRUZ	EA	7-17-25 1355

NM MBA 7-17-25 1500

Rec: [illegible] 7-17-25 15:00

SAMPLE RECEIPT CHECKLIST

Section 1: General Info
Date Received: 7/16/25 WO# 537743 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No
Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples
Shipping Info: walk-in

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**
Date Opened 7/16/25 By (initials) AXT Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None
☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)
☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)
If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: 0.7
Cooler Temp (°C) #1: 10.2/9.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ☒ **No microbiology samples submitted (skip 3b)**
☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.
☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ☒ **No air samples submitted (skip 3c)**
☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments ☐ **PM notified**

Date Logged ____ **By (print)** ____ **(sign)** ____
Date Labeled ____ **By (print)** ____ **(sign)** ____

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 7/17/25 WO# 537743 Client: Waste Connections

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 7/17/25 By (initials) NIG Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 2.0 / 2.0 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.10 Samples received with < 1/2 holding time for nitrate analysis

☐ **No additional discrepancies**

Date Logged 7/15/25 **By (print)** AXT **(sign)** _____

Date Labeled 7/16/25 **By (print)** LA **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 537743

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537743
Location: Chiquita Canyon Landfill
Date Received: 07/16/25

Sample ID: JS-1 **Lab ID: 537743-001** **Collected: 07/16/25 10:38**
Matrix: Water

537743-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Nitrogen, Nitrate	**2.9**		mg/L	0.10	0.05	1	376614	07/17/25 10:15	07/17/25 17:35	KUM
Method: EPA 6010B Prep Method: EPA 3015A										
Arsenic	ND		mg/L	0.010	0.0062	1	376711	07/17/25	07/18/25	SBW
Cadmium	ND		mg/L	0.0050	0.00037	1	376711	07/17/25	07/18/25	SBW
Copper	**0.038**		mg/L	0.010	0.0060	1	376711	07/17/25	07/18/25	SBW
Lead	ND		mg/L	0.010	0.0062	1	376711	07/17/25	07/18/25	SBW
Nickel	ND		mg/L	0.010	0.0028	1	376711	07/17/25	07/18/25	SBW
Selenium	ND		mg/L	0.030	0.0082	1	376711	07/17/25	07/18/25	SBW
Silver	ND		mg/L	0.0050	0.0013	1	376711	07/17/25	07/18/25	SBW
Zinc	**0.014**	J	mg/L	0.050	0.013	1	376711	07/17/25	07/18/25	SBW
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	ND		ug/L	0.40	0.032	1	376725	07/18/25	07/18/25	SMP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377758	07/30/25	07/30/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377758	07/30/25	07/30/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377758	07/30/25	07/30/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377758	07/30/25	07/30/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377758	07/30/25	07/30/25	TCN
Acetone	ND		ug/L	100	8.8	1	377758	07/30/25	07/30/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377758	07/30/25	07/30/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377758	07/30/25	07/30/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377758	07/30/25	07/30/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377758	07/30/25	07/30/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377758	07/30/25	07/30/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377758	07/30/25	07/30/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377758	07/30/25	07/30/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537743

537743-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		ug/L	5.0	0.05	1	377758	07/30/25	07/30/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377758	07/30/25	07/30/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377758	07/30/25	07/30/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377758	07/30/25	07/30/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377758	07/30/25	07/30/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377758	07/30/25	07/30/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377758	07/30/25	07/30/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377758	07/30/25	07/30/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377758	07/30/25	07/30/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377758	07/30/25	07/30/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377758	07/30/25	07/30/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377758	07/30/25	07/30/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377758	07/30/25	07/30/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377758	07/30/25	07/30/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377758	07/30/25	07/30/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377758	07/30/25	07/30/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377758	07/30/25	07/30/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377758	07/30/25	07/30/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377758	07/30/25	07/30/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377758	07/30/25	07/30/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377758	07/30/25	07/30/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377758	07/30/25	07/30/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377758	07/30/25	07/30/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377758	07/30/25	07/30/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377758	07/30/25	07/30/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377758	07/30/25	07/30/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377758	07/30/25	07/30/25	TCN
Surrogates				**Limits**						
Dibromofluoromethane	96%		%REC	70-130		1	377758	07/30/25	07/30/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377758	07/30/25	07/30/25	TCN
Toluene-d8	100%		%REC	70-130		1	377758	07/30/25	07/30/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377758	07/30/25	07/30/25	TCN
Method: SM 4500-H+ B										
pH	**8.34**	H	SU			1	376819	07/22/25 17:06	07/22/25 17:06	ARM

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 537743

537743-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Temperature	**23.20**	H	deg C	1.00		1	376819	07/22/25 17:06	07/22/25 17:06	ARM

H Holding time was exceeded
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1275094**	**Batch:**	**376614**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1275094 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/17/25 10:15	07/17/25 12:51

Type:	**Lab Control Sample**	**Lab ID:**	**QC1275095**	**Batch:**	**376614**
Matrix:	**Water**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1275095 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Nitrogen, Nitrate	4.635	4.518	mg/L	103%		90-110

Type:	**Matrix Spike**	**Lab ID:**	**QC1275098**	**Batch:**	**376614**
Matrix (Source ID):	**Water (537733-005)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1275098 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Nitrogen, Nitrate	9.722	0.3446	9.036	mg/L	104%		80-123	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1275099**	**Batch:**	**376614**
Matrix (Source ID):	**Water (537733-005)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1275099 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Nitrogen, Nitrate	9.826	0.3446	9.036	mg/L	105%		80-123	1	20	1

Type:	**Matrix Spike**	**Lab ID:**	**QC1275278**	**Batch:**	**376614**
Matrix (Source ID):	**Water (537743-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1275278 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Nitrogen, Nitrate	12.49	2.856	9.036	mg/L	107%		80-123	1

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1275279**	**Batch:**	**376614**
Matrix (Source ID):	**Water (537743-001)**	**Method:**	**EPA 300.0**	**Prep Method:**	**METHOD**

QC1275279 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Nitrogen, Nitrate	12.53	2.856	9.036	mg/L	107%		80-123	0	20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1275379	Batch: 376711
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275379 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Arsenic	ND		mg/L	0.010	0.0045	07/17/25	07/17/25
Cadmium	ND		mg/L	0.0050	0.00096	07/17/25	07/17/25
Copper	ND		mg/L	0.010	0.0059	07/17/25	07/17/25
Lead	ND		mg/L	0.010	0.0062	07/17/25	07/18/25
Nickel	ND		mg/L	0.010	0.0033	07/17/25	07/17/25
Selenium	ND		mg/L	0.030	0.0098	07/17/25	07/17/25
Silver	ND		mg/L	0.0050	0.0015	07/17/25	07/17/25
Zinc	ND		mg/L	0.050	0.013	07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1275380	Batch: 376711
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275380 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	0.3384	0.4000	mg/L	85%		80-120
Cadmium	0.3476	0.4000	mg/L	87%		80-120
Copper	0.3295	0.4000	mg/L	82%		80-120
Lead	0.3677	0.4000	mg/L	92%		80-120
Nickel	0.3436	0.4000	mg/L	86%		80-120
Selenium	0.3264	0.4000	mg/L	82%		80-120
Silver	0.1683	0.2000	mg/L	84%		80-120
Zinc	0.3529	0.4000	mg/L	88%		80-120

Type: Matrix Spike	Lab ID: QC1275381	Batch: 376711
Matrix (Source ID): Water (537668-002)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1275381 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	0.3708	0.01386	0.4000	mg/L	89%		75-125	1
Cadmium	0.3244	ND	0.4000	mg/L	81%		75-125	1
Copper	0.3820	ND	0.4000	mg/L	95%		75-125	1
Lead	0.3432	ND	0.4000	mg/L	86%		75-125	1
Nickel	0.3449	ND	0.4000	mg/L	86%		75-125	1
Selenium	0.3830	0.03216	0.4000	mg/L	88%		75-125	1
Silver	0.1867	0.003733	0.2000	mg/L	91%		75-125	1
Zinc	0.3320	ND	0.4000	mg/L	83%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1275382	Batch:	376711
Matrix (Source ID):	Water (537668-002)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1275382 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	0.3737	0.01386	0.4000	mg/L	90%		75-125	1	20	1
Cadmium	0.3241	ND	0.4000	mg/L	81%		75-125	0	20	1
Copper	0.3839	ND	0.4000	mg/L	96%		75-125	0	20	1
Lead	0.3460	ND	0.4000	mg/L	87%		75-125	1	20	1
Nickel	0.3460	ND	0.4000	mg/L	86%		75-125	0	20	1
Selenium	0.3837	0.03216	0.4000	mg/L	88%		75-125	0	20	1
Silver	0.1869	0.003733	0.2000	mg/L	92%		75-125	0	20	1
Zinc	0.3330	ND	0.4000	mg/L	83%		75-125	0	20	1

Type:	Serial Dilution	Lab ID:	QC1275390	Batch:	376711
Matrix (Source ID):	Water (537743-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1275390 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Arsenic	ND	ND	mg/L				5
Cadmium	ND	ND	mg/L				5
Copper	0.04190	0.03849	mg/L	J			5
Lead	ND	ND	mg/L				5
Nickel	ND	ND	mg/L				5
Selenium	ND	ND	mg/L				5
Silver	ND	ND	mg/L				5
Zinc	ND	0.01393	mg/L				5

Type:	Blank	Lab ID:	QC1275429	Batch:	376725
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1275429 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.032	07/18/25	07/18/25

Type:	Lab Control Sample	Lab ID:	QC1275430	Batch:	376725
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1275430 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.048	5.000	ug/L	101%		80-120

Type:	Matrix Spike	Lab ID:	QC1275431	Batch:	376725
Matrix (Source ID):	Water (537946-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1275431 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	983.4	ND	1000	ug/L	98%		75-125	200

ENTHALPY ANALYTICAL

Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1275432**	**Batch:**	**376725**
Matrix (Source ID):	**Water (537946-001)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1275432 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	985.2	ND	1000	ug/L	99%		75-125	0	20	200

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1279060	**Batch:** 377758	
Matrix: Water	**Method:** EPA 8260B	**Prep Method:** EPA 5030B	

QC1279060 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Freon 12	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Chloromethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Bromomethane	ND		ug/L	5.0	0.3	07/30/25	07/30/25
Chloroethane	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Acetone	ND		ug/L	100	8.8	07/30/25	07/30/25
Freon 113	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/30/25	07/30/25
MTBE	ND		ug/L	5.0	0.1	07/30/25	07/30/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
2-Butanone	ND		ug/L	100	0.9	07/30/25	07/30/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Chloroform	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/30/25	07/30/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Benzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Trichloroethene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Dibromomethane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/30/25	07/30/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Toluene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/30/25	07/30/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/30/25	07/30/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/30/25	07/30/25
m,p-Xylenes	ND		ug/L	10	0.1	07/30/25	07/30/25
o-Xylene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Styrene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Bromoform	ND		ug/L	5.0	0.08	07/30/25	07/30/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/30/25	07/30/25

ENTHALPY ANALYTICAL

Batch QC

QC1279060 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
Bromobenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/30/25	07/30/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/30/25	07/30/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/30/25	07/30/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/30/25	07/30/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/30/25	07/30/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/30/25	07/30/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/30/25	07/30/25
Naphthalene	ND		ug/L	5.0	0.3	07/30/25	07/30/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/30/25	07/30/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/30/25	07/30/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/30/25	07/30/25
Xylene (total)	ND		ug/L	5.0		07/30/25	07/30/25
Surrogates				**Limits**			
Dibromofluoromethane	96%		%REC	70-130		07/30/25	07/30/25
1,2-Dichloroethane-d4	102%		%REC	70-130		07/30/25	07/30/25
Toluene-d8	97%		%REC	70-130		07/30/25	07/30/25
Bromofluorobenzene	97%		%REC	70-130		07/30/25	07/30/25

Type: Lab Control Sample	**Lab ID: QC1279062**	**Batch: 377758**
Matrix: Water	**Method: EPA 8260B**	**Prep Method: EPA 5030B**

QC1279062 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	42.80	50.00	ug/L	86%		69-128
MTBE	51.06	50.00	ug/L	102%		66-125
Benzene	46.98	50.00	ug/L	94%		76-121
Trichloroethene	42.93	50.00	ug/L	86%		76-124
Toluene	44.99	50.00	ug/L	90%		76-120
Chlorobenzene	45.05	50.00	ug/L	90%		78-120
Surrogates						
Dibromofluoromethane	45.07	50.00	ug/L	90%		70-130
1,2-Dichloroethane-d4	47.46	50.00	ug/L	95%		70-130
Toluene-d8	50.10	50.00	ug/L	100%		70-130
Bromofluorobenzene	49.74	50.00	ug/L	99%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1279063**	**Batch:**	**377758**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1279063 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	36.74	50.00	ug/L	73%		69-128	15	23
MTBE	47.30	50.00	ug/L	95%		66-125	8	22
Benzene	41.02	50.00	ug/L	82%		76-121	14	21
Trichloroethene	36.96	50.00	ug/L	74%	*	76-124	15	22
Toluene	39.11	50.00	ug/L	78%		76-120	14	21
Chlorobenzene	39.64	50.00	ug/L	79%		78-120	13	20
Surrogates								
Dibromofluoromethane	44.67	50.00	ug/L	89%		70-130		
1,2-Dichloroethane-d4	47.22	50.00	ug/L	94%		70-130		
Toluene-d8	49.38	50.00	ug/L	99%		70-130		
Bromofluorobenzene	50.02	50.00	ug/L	100%		70-130		

Type:	**Matrix Spike**	**Lab ID:**	**QC1279110**	**Batch:**	**377758**
Matrix (Source ID):	**Water (537743-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1279110 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	45.63	ND	50.00	ug/L	91%		62-131	1
MTBE	49.83	ND	50.00	ug/L	100%		61-124	1
Benzene	49.48	ND	50.00	ug/L	99%		70-123	1
Trichloroethene	46.38	ND	50.00	ug/L	93%		65-131	1
Toluene	46.62	ND	50.00	ug/L	93%		69-120	1
Chlorobenzene	46.35	ND	50.00	ug/L	93%		72-121	1
Surrogates								
Dibromofluoromethane	45.03		50.00	ug/L	90%		70-130	1
1,2-Dichloroethane-d4	47.25		50.00	ug/L	95%		70-130	1
Toluene-d8	49.74		50.00	ug/L	99%		70-130	1
Bromofluorobenzene	50.32		50.00	ug/L	101%		70-130	1

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1279111	Batch:	377758
Matrix (Source ID):	Water (537743-001)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1279111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	45.64	ND	50.00	ug/L	91%		62-131	0	31	1
MTBE	49.79	ND	50.00	ug/L	100%		61-124	0	30	1
Benzene	49.25	ND	50.00	ug/L	99%		70-123	0	31	1
Trichloroethene	46.14	ND	50.00	ug/L	92%		65-131	1	31	1
Toluene	47.30	ND	50.00	ug/L	95%		69-120	1	29	1
Chlorobenzene	46.68	ND	50.00	ug/L	93%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	44.74		50.00	ug/L	89%		70-130			1
1,2-Dichloroethane-d4	46.61		50.00	ug/L	93%		70-130			1
Toluene-d8	49.73		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	49.57		50.00	ug/L	99%		70-130			1

Type:	Sample Duplicate	Lab ID:	QC1275782	Batch:	376819
Matrix (Source ID):	Water (537932-002)	Method:	SM 4500-H+ B		

QC1275782 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	7.420	7.440	SU		0	20	1
Temperature	22.40	22.40	deg C		0	20	1

* Value is outside QC limits
J Estimated value
ND Not Detected

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 545407
Report Level : II
Report Date : 11/11/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill (Site Water)

Authorized for release by:



Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

ENTHALPY ANALYTICAL

Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	545407 GW MONITORING Chiquita Canyon Landfill (Site Water) 10/27/25

Sample ID	Lab ID	Collected	Matrix
JS-1	545407-001	10/27/25 13:20	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 545407 Project No: GW MONITORING Location: Chiquita Canyon Landfill (Site Water) Date Received: 10/27/25

This data package contains sample and QC results for one water sample, requested for the above referenced project on 10/28/25. The sample was received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- High response was observed for acetone in the CCV analyzed 11/10/25 10:05; affected data was qualified with "b".
- Acetone was detected between the MDL and the RL in the method blank for batch 386940; this analyte was not detected in the sample at or above the RL.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):
No analytical problems were encountered.

Ion Chromatography (EPA 300.0):
No analytical problems were encountered.

pH of Aqueous Samples (SM 4500-H+ B):
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 545407

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Wate SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3
4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:

(lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

IR-18
Temp 5.3°C / +0.3

Site Water

cc report to:
pchang@changenvironmental.com

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	pH, Nitrate-N	Total Metals; As, Cd, Cu, Pb, Hg, Ni, Se Ag, Zn							
1	JS-1	10/27/25	1320	W	6	var.	x	x	x							
2																
3																
4																
5																
6																
7																
8																
9																
10																

Login 545407

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	10/27/25 14:00
[1] Received By:		Alice T	EA/NL	10,27,25 14:00
[2] Relinquished By:		Alice T	EA/NL	10,28,25 9:00
[2] Received By:		GEMAO	EANH	10/28/25 9:00
[3] Relinquished By:		GEMAO	EANH	10/28/25 12:58
[3] Received By:		Leo Brady	EA/NL	10-28-25/1435
		Leo Brady	EA/NL	10-28-25/1524

Rec: Add'd 10/28/25 EA 1524

SAMPLE RECEIPT CHECKLIST

AT 545402

Section 1: General Info

Date Received: 10,22,25 WO# 545362 Client: Liquitex Company Ltd.

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 10,22,25 By (initials) AXT Type of ice used : ☐ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 1.2/0.5 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☐ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☒ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

☐ PM notified

Section 5: Explanations / Comments

Date Logged 10,22,25 By (print) AXT (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

J-0006, Rev 2: Form Version 16.1 081224

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/28/25 WO# 545407 Client: WASTECONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 10/28/25 By (initials) LXB Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 18 CF: +0.3

Cooler Temp (°C) #1: 5.3 / 5.6 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?		X	
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?	X		

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

☐ **No additional discrepancies**

Date Logged 10/27/25 **By (print)** AXT **(sign)** N/A

Date Labeled 10/27/25 **By (print)** AXT **(sign)** N/A

ENTHALPY ANALYTICAL

Analysis Results for 545407

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 545407
Project No: GW MONITORING
Location: Chiquita Canyon Landfill (Site Water)
Date Received: 10/27/25

Sample ID: JS-1 **Lab ID: 545407-001** **Collected: 10/27/25 13:20**
Matrix: Water

545407-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Nitrogen, Nitrate	**1.8**		mg/L	0.10	0.05	1	385869	10/28/25 13:40	10/29/25 03:46	JAA
Method: EPA 6010B Prep Method: EPA 3015A										
Arsenic	ND		mg/L	0.010	0.0045	1	385944	10/29/25	10/29/25	CAP
Cadmium	ND		mg/L	0.0050	0.00096	1	385944	10/29/25	10/29/25	CAP
Copper	**0.0065**	J	mg/L	0.010	0.0059	1	385944	10/29/25	10/29/25	CAP
Lead	ND		mg/L	0.010	0.0028	1	385944	10/29/25	10/29/25	CAP
Nickel	ND		mg/L	0.010	0.0033	1	385944	10/29/25	10/29/25	CAP
Selenium	ND		mg/L	0.030	0.0098	1	385944	10/29/25	10/29/25	CAP
Silver	ND		mg/L	0.0050	0.0015	1	385944	10/29/25	10/29/25	CAP
Zinc	ND		mg/L	0.050	0.013	1	385944	10/29/25	10/29/25	CAP
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	ND		ug/L	0.40	0.032	1	385931	10/29/25	10/29/25	MLL
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
Freon 12	ND		ug/L	1.0	0.2	1	386940	11/10/25	11/10/25	ZXL
Chloromethane	ND		ug/L	1.0	0.1	1	386940	11/10/25	11/10/25	ZXL
Vinyl Chloride	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
Bromomethane	ND		ug/L	1.0	0.3	1	386940	11/10/25	11/10/25	ZXL
Chloroethane	ND		ug/L	0.5	0.3	1	386940	11/10/25	11/10/25	ZXL
Trichlorofluoromethane	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
Acetone	ND		ug/L	25	2.1	1	386940	11/10/25	11/10/25	ZXL
Freon 113	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,1-Dichloroethene	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
Methylene Chloride	ND		ug/L	10	0.4	1	386940	11/10/25	11/10/25	ZXL
MTBE	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
1,1-Dichloroethane	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
2-Butanone	ND		ug/L	5.0	0.6	1	386940	11/10/25	11/10/25	ZXL
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
2,2-Dichloropropane	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
Chloroform	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Bromochloromethane	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,1-Dichloropropene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Carbon Tetrachloride	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Benzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545407

545407-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Trichloroethene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,2-Dichloropropane	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Bromodichloromethane	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
Dibromomethane	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	386940	11/10/25	11/10/25	ZXL
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Toluene	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,3-Dichloropropane	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Tetrachloroethene	ND		ug/L	0.5	0.09	1	386940	11/10/25	11/10/25	ZXL
Dibromochloromethane	ND		ug/L	0.5	0.09	1	386940	11/10/25	11/10/25	ZXL
1,2-Dibromoethane	ND		ug/L	0.5	0.09	1	386940	11/10/25	11/10/25	ZXL
Chlorobenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	386940	11/10/25	11/10/25	ZXL
Ethylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
m,p-Xylenes	ND		ug/L	1.0	0.3	1	386940	11/10/25	11/10/25	ZXL
o-Xylene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Styrene	ND		ug/L	0.5	0.2	1	386940	11/10/25	11/10/25	ZXL
Bromoform	ND		ug/L	1.0	0.1	1	386940	11/10/25	11/10/25	ZXL
Propylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Isopropylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	1	386940	11/10/25	11/10/25	ZXL
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Bromobenzene	ND		ug/L	1.0	0.1	1	386940	11/10/25	11/10/25	ZXL
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
2-Chlorotoluene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
4-Chlorotoluene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
tert-Butylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
sec-Butylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
n-Butylbenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	1	386940	11/10/25	11/10/25	ZXL
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
Hexachlorobutadiene	ND		ug/L	1.0	0.2	1	386940	11/10/25	11/10/25	ZXL
Naphthalene	ND		ug/L	1.0	0.2	1	386940	11/10/25	11/10/25	ZXL
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	1	386940	11/10/25	11/10/25	ZXL
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	1	386940	11/10/25	11/10/25	ZXL
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	1	386940	11/10/25	11/10/25	ZXL
Xylene (total)	ND		ug/L	0.5		1	386940	11/10/25	11/10/25	ZXL
Surrogates				**Limits**						
Dibromofluoromethane	106%		%REC	70-130		1	386940	11/10/25	11/10/25	ZXL
1,2-Dichloroethane-d4	101%		%REC	70-130		1	386940	11/10/25	11/10/25	ZXL
Toluene-d8	99%		%REC	70-130		1	386940	11/10/25	11/10/25	ZXL
Bromofluorobenzene	100%		%REC	70-130		1	386940	11/10/25	11/10/25	ZXL
Method: SM 4500-H+ B										
pH	**8.11**	H	SU			1	385941	10/30/25 10:17	10/30/25 10:17	ARM

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 545407

545407-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Temperature	**20.00**	H	deg C	1.00		1	385941	10/30/25 10:17	10/30/25 10:17	ARM

H Holding time was exceeded
J Estimated value
ND Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1307650	**Batch:** 385869
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1307650 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	10/28/25 13:40	10/28/25 13:47

Type: Lab Control Sample	**Lab ID:** QC1307651	**Batch:** 385869
Matrix: Water	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1307651 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Nitrogen, Nitrate	4.494	4.518	mg/L	99%		90-110

Type: Matrix Spike	**Lab ID:** QC1307652	**Batch:** 385869
Matrix (Source ID): Water (545461-008)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1307652 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Nitrogen, Nitrate	10.35	0.7171	9.036	mg/L	107%		80-123	1

Type: Matrix Spike Duplicate	**Lab ID:** QC1307653	**Batch:** 385869
Matrix (Source ID): Water (545461-008)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1307653 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Nitrogen, Nitrate	9.982	0.7171	9.036	mg/L	103%		80-123	4	20	1

Type: Matrix Spike	**Lab ID:** QC1307660	**Batch:** 385869
Matrix (Source ID): Water (545431-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1307660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Nitrogen, Nitrate	13.36	3.995	9.036	mg/L	104%		80-123	1

Type: Matrix Spike Duplicate	**Lab ID:** QC1307661	**Batch:** 385869
Matrix (Source ID): Water (545431-001)	**Method:** EPA 300.0	**Prep Method:** METHOD

QC1307661 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Nitrogen, Nitrate	14.33	3.995	9.036	mg/L	114%		80-123	7	20	1

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1307922**	**Batch: 385944**
Matrix: Water	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1307922 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Arsenic	ND		mg/L	0.010	0.0045	10/29/25	10/29/25
Cadmium	ND		mg/L	0.0050	0.00096	10/29/25	10/29/25
Copper	ND		mg/L	0.010	0.0059	10/29/25	10/29/25
Lead	ND		mg/L	0.010	0.0028	10/29/25	10/29/25
Nickel	ND		mg/L	0.010	0.0033	10/29/25	10/29/25
Selenium	ND		mg/L	0.030	0.0098	10/29/25	10/29/25
Silver	ND		mg/L	0.0050	0.0015	10/29/25	10/29/25
Zinc	ND		mg/L	0.050	0.013	10/29/25	10/29/25

Type: Lab Control Sample	**Lab ID: QC1307923**	**Batch: 385944**
Matrix: Water	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1307923 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Arsenic	0.3611	0.4000	mg/L	90%		80-120
Cadmium	0.3602	0.4000	mg/L	90%		80-120
Copper	0.3364	0.4000	mg/L	84%		80-120
Lead	0.3725	0.4000	mg/L	93%		80-120
Nickel	0.3658	0.4000	mg/L	91%		80-120
Selenium	0.3535	0.4000	mg/L	88%		80-120
Silver	0.1747	0.2000	mg/L	87%		80-120
Zinc	0.3659	0.4000	mg/L	91%		80-120

Type: Matrix Spike	**Lab ID: QC1307924**	**Batch: 385944**
Matrix (Source ID): Water (545526-001)	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1307924 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Arsenic	3.915	0.4077	4.000	mg/L	88%		75-125	10
Cadmium	3.285	ND	4.000	mg/L	82%		75-125	10
Copper	3.749	ND	4.000	mg/L	94%		75-125	10
Lead	3.501	ND	4.000	mg/L	88%		75-125	10
Nickel	3.574	0.1229	4.000	mg/L	86%		75-125	10
Selenium	3.472	ND	4.000	mg/L	87%		75-125	10
Silver	1.809	0.02289	2.000	mg/L	89%		75-125	10
Zinc	4.811	1.429	4.000	mg/L	85%		75-125	10

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1307925	Batch:	385944
Matrix (Source ID):	Water (545526-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1307925 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Arsenic	3.785	0.4077	4.000	mg/L	84%		75-125	3	20	10
Cadmium	3.181	ND	4.000	mg/L	80%		75-125	3	20	10
Copper	3.623	ND	4.000	mg/L	91%		75-125	3	20	10
Lead	3.364	ND	4.000	mg/L	84%		75-125	4	20	10
Nickel	3.462	0.1229	4.000	mg/L	83%		75-125	3	20	10
Selenium	3.355	ND	4.000	mg/L	84%		75-125	3	20	10
Silver	1.730	0.02289	2.000	mg/L	85%		75-125	4	20	10
Zinc	4.711	1.429	4.000	mg/L	82%		75-125	2	20	10

Type:	Serial Dilution	Lab ID:	QC1307956	Batch:	385944
Matrix (Source ID):	Water (545526-001)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1307956 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Arsenic	0.4267	0.4077	mg/L	J			50
Cadmium	ND	ND	mg/L				50
Copper	ND	ND	mg/L				50
Lead	ND	ND	mg/L				50
Nickel	ND	0.1229	mg/L				50
Selenium	ND	ND	mg/L				50
Silver	ND	0.02289	mg/L				50
Zinc	1.543	1.429	mg/L	J			50

Type:	Blank	Lab ID:	QC1307863	Batch:	385931
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1307863 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.032	10/29/25	10/29/25

Type:	Lab Control Sample	Lab ID:	QC1307864	Batch:	385931
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1307864 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.162	5.000	ug/L	103%		80-120

Type:	Matrix Spike	Lab ID:	QC1307865	Batch:	385931
Matrix (Source ID):	Water (545362-001)	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1307865 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	5.120	0.04037	5.000	ug/L	102%		75-125	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307866**	**Batch:**	**385931**
Matrix (Source ID):	**Water (545362-001)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1307866 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	5.146	0.04037	5.000	ug/L	102%		75-125	0	20	1

Type:	**Matrix Spike**	**Lab ID:**	**QC1307918**	**Batch:**	**385931**
Matrix (Source ID):	**Water (545526-003)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1307918 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1,012	ND	1000	ug/L	101%		75-125	200

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1307919**	**Batch:**	**385931**
Matrix (Source ID):	**Water (545526-003)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1307919 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	982.4	ND	1000	ug/L	98%		75-125	3	20	200

Type:	**Lab Control Sample**	**Lab ID:**	**QC1311568**	**Batch:**	**386940**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311568 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	52.51	50.00	ug/L	105%		69-128
MTBE	57.36	50.00	ug/L	115%		66-125
Benzene	50.55	50.00	ug/L	101%		76-121
Trichloroethene	52.87	50.00	ug/L	106%		76-124
Toluene	50.09	50.00	ug/L	100%		76-120
Chlorobenzene	52.75	50.00	ug/L	106%		78-120
Surrogates						
Dibromofluoromethane	50.52	50.00	ug/L	101%		70-130
1,2-Dichloroethane-d4	47.25	50.00	ug/L	95%		70-130
Toluene-d8	50.56	50.00	ug/L	101%		70-130
Bromofluorobenzene	50.40	50.00	ug/L	101%		70-130

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1311569**	**Batch:**	**386940**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311569 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	53.99	50.00	ug/L	108%		69-128	3	23
MTBE	58.75	50.00	ug/L	118%		66-125	2	22
Benzene	51.54	50.00	ug/L	103%		76-121	2	21
Trichloroethene	56.58	50.00	ug/L	113%		76-124	7	22
Toluene	52.63	50.00	ug/L	105%		76-120	5	21
Chlorobenzene	55.26	50.00	ug/L	111%		78-120	5	20
Surrogates								
Dibromofluoromethane	50.49	50.00	ug/L	101%		70-130		
1,2-Dichloroethane-d4	46.27	50.00	ug/L	93%		70-130		
Toluene-d8	51.90	50.00	ug/L	104%		70-130		
Bromofluorobenzene	50.40	50.00	ug/L	101%		70-130		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Blank**	**Lab ID:**	**QC1311570**	**Batch:**	**386940**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311570 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	0.5	0.2	11/10/25	11/10/25
Freon 12	ND		ug/L	1.0	0.2	11/10/25	11/10/25
Chloromethane	ND		ug/L	1.0	0.1	11/10/25	11/10/25
Vinyl Chloride	ND		ug/L	0.5	0.2	11/10/25	11/10/25
Bromomethane	ND		ug/L	1.0	0.3	11/10/25	11/10/25
Chloroethane	ND		ug/L	0.5	0.3	11/10/25	11/10/25
Trichlorofluoromethane	ND		ug/L	0.5	0.2	11/10/25	11/10/25
Acetone	3.1	J,b	ug/L	25	2.1	11/10/25	11/10/25
Freon 113	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,1-Dichloroethene	ND		ug/L	0.5	0.2	11/10/25	11/10/25
Methylene Chloride	ND		ug/L	10	0.4	11/10/25	11/10/25
MTBE	ND		ug/L	0.5	0.1	11/10/25	11/10/25
trans-1,2-Dichloroethene	ND		ug/L	0.5	0.2	11/10/25	11/10/25
1,1-Dichloroethane	ND		ug/L	0.5	0.1	11/10/25	11/10/25
2-Butanone	ND		ug/L	5.0	0.6	11/10/25	11/10/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.2	11/10/25	11/10/25
2,2-Dichloropropane	ND		ug/L	0.5	0.2	11/10/25	11/10/25
Chloroform	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Bromochloromethane	ND		ug/L	0.5	0.2	11/10/25	11/10/25
1,1,1-Trichloroethane	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,1-Dichloropropene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Carbon Tetrachloride	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Benzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Trichloroethene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,2-Dichloropropane	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Bromodichloromethane	ND		ug/L	0.5	0.2	11/10/25	11/10/25
Dibromomethane	ND		ug/L	0.5	0.2	11/10/25	11/10/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	11/10/25	11/10/25
cis-1,3-Dichloropropene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Toluene	ND		ug/L	0.5	0.2	11/10/25	11/10/25
trans-1,3-Dichloropropene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,1,2-Trichloroethane	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,3-Dichloropropane	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Tetrachloroethene	ND		ug/L	0.5	0.09	11/10/25	11/10/25
Dibromochloromethane	ND		ug/L	0.5	0.09	11/10/25	11/10/25
1,2-Dibromoethane	ND		ug/L	0.5	0.09	11/10/25	11/10/25
Chlorobenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,1,1,2-Tetrachloroethane	ND		ug/L	0.5	0.09	11/10/25	11/10/25
Ethylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
m,p-Xylenes	ND		ug/L	1.0	0.3	11/10/25	11/10/25
o-Xylene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Styrene	ND		ug/L	0.5	0.2	11/10/25	11/10/25
Bromoform	ND		ug/L	1.0	0.1	11/10/25	11/10/25
Propylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Isopropylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,1,2,2-Tetrachloroethane	ND		ug/L	0.5	0.09	11/10/25	11/10/25

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Batch QC

QC1311570 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,2,3-Trichloropropane	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Bromobenzene	ND		ug/L	1.0	0.1	11/10/25	11/10/25
1,3,5-Trimethylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
2-Chlorotoluene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
4-Chlorotoluene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
tert-Butylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,2,4-Trimethylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
sec-Butylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
para-Isopropyl Toluene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,3-Dichlorobenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
n-Butylbenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,2-Dichlorobenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	2.0	0.2	11/10/25	11/10/25
1,2,4-Trichlorobenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
Hexachlorobutadiene	ND		ug/L	1.0	0.2	11/10/25	11/10/25
Naphthalene	ND		ug/L	1.0	0.2	11/10/25	11/10/25
1,2,3-Trichlorobenzene	ND		ug/L	0.5	0.1	11/10/25	11/10/25
cis-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.2	11/10/25	11/10/25
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	0.3	11/10/25	11/10/25
Xylene (total)	ND		ug/L	0.5		11/10/25	11/10/25
Surrogates				**Limits**			
Dibromofluoromethane	107%		%REC	70-130		11/10/25	11/10/25
1,2-Dichloroethane-d4	100%		%REC	70-130		11/10/25	11/10/25
Toluene-d8	99%		%REC	70-130		11/10/25	11/10/25
Bromofluorobenzene	99%		%REC	70-130		11/10/25	11/10/25

Type:	**Matrix Spike**	**Lab ID:**	**QC1311651**	**Batch:**	**386940**
Matrix (Source ID):	**Water (545407-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311651 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	18.74	ND	20.00	ug/L	94%		62-131	1
MTBE	20.19	ND	20.00	ug/L	101%		61-124	1
Benzene	18.62	ND	20.00	ug/L	93%		70-123	1
Trichloroethene	21.66	ND	20.00	ug/L	108%		65-131	1
Toluene	19.33	ND	20.00	ug/L	97%		69-120	1
Chlorobenzene	20.72	ND	20.00	ug/L	104%		72-121	1
Surrogates								
Dibromofluoromethane	49.66		50.00	ug/L	99%		70-130	1
1,2-Dichloroethane-d4	49.63		50.00	ug/L	99%		70-130	1
Toluene-d8	51.40		50.00	ug/L	103%		70-130	1
Bromofluorobenzene	49.13		50.00	ug/L	98%		70-130	1

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Batch QC

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1311652**	**Batch:**	**386940**
Matrix (Source ID):	**Water (545407-001)**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1311652 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.22	ND	20.00	ug/L	106%		62-131	12	31	1
MTBE	23.85	ND	20.00	ug/L	119%		61-124	17	30	1
Benzene	20.99	ND	20.00	ug/L	105%		70-123	12	31	1
Trichloroethene	23.25	ND	20.00	ug/L	116%		65-131	7	31	1
Toluene	21.07	ND	20.00	ug/L	105%		69-120	9	29	1
Chlorobenzene	22.10	ND	20.00	ug/L	111%		72-121	6	29	1
Surrogates										
Dibromofluoromethane	51.34		50.00	ug/L	103%		70-130			1
1,2-Dichloroethane-d4	49.12		50.00	ug/L	98%		70-130			1
Toluene-d8	51.11		50.00	ug/L	102%		70-130			1
Bromofluorobenzene	49.56		50.00	ug/L	99%		70-130			1

Type:	**Sample Duplicate**	**Lab ID:**	**QC1308257**	**Batch:**	**385941**
Matrix (Source ID):	**Water (545622-002)**	**Method:**	**SM 4500-H+ B**		

QC1308257 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
pH	6.160	6.150	SU		0	20	1
Temperature	21.60	20.70	deg C		4	20	1

J Estimated value
ND Not Detected
b See narrative

APPENDIX D-3

LEACHATE SAMPLE

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number	:	542351
Report Level	:	II
Report Date	:	01/27/2026
Revision	:	**2 (See narrative)**

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: LEACHATE_CHIQUITA - Chiquita Canyon Landfill - Leachate - REVISED REPORT

Authorized for release by:



David Tripp, Project Manager
657-581-4710
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This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

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Sample Summary

Steve Cassulo Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384	Lab Job #: Project No: Location: Date Received:	542351 LEACHATE_CHIQUITA Chiquita Canyon Landfill - Leachate - REVISED REPORT 09/17/25

Sample ID	Lab ID	Collected	Matrix
LEACHATE	542351-001	09/17/25 12:05	Water

Case Narrative

Waste Connections Chiquita Canyon Landfill 29201 Henry Mayo Drive Castaic, CA 91384 Steve Cassulo	Lab Job Number: 542351 Project No: LEACHATE_CHIQUITA Location: Chiquita Canyon Landfill - Leachate - REVISED REPORT Date Received: 09/17/25

- This data package contains sample and QC results for one water sample, requested for the above referenced project on 09/18/25. The sample was received in good condition.Total sulfide analysis was attempted on this sample at the lab. However, due to the dark color of the sample, the analysis could not be performed.
- REPORT REVISED to remove 8260 and 8270 target analytes that are not listed under Appendix II of CFR 40 Part 258, including Isopropyl Alcohol (IPA) and Pyridine. 012726dst

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for benzene, toluene, and chlorobenzene in the MS for batch 382359; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPDs were within limits.
- High RPD was observed for MTBE in the BS/BSD for batch 382359; this analyte was not detected at or above the RL in the associated sample.
- Naphthalene was detected between the MDL and the RL in the method blank for batch 382359; this analyte was not detected in the sample at or above the RL.
- LEACHATE (lab # 542351-001) had pH greater than 2.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):

- Low recoveries were observed for N-nitroso-di-n-propylamine and 2,4,5-trichlorophenol in the matrix spike for batch 382347; the parent sample was not a project sample, and the BS/BSD were within limits. High recovery was observed for 2,4-dimethylphenol; the BS/BSD were within limits, and this analyte was not detected at or above the RL in the associated sample.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- Low surrogate recovery was observed for 2-fluorobiphenyl in LEACHATE (lab # 542351-001).
- Low surrogate recovery was observed for terphenyl-d14 in LEACHATE (lab # 542351-001).
- LEACHATE (lab # 542351-001) was diluted due to the dark and viscous nature of the sample extract.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- Response exceeding the instrument's linear range was observed for TCMX in LEACHATE (lab # 542351-001); affected data was qualified with "E".
- High surrogate recovery was observed for TCMX in LEACHATE (lab # 542351-001); the corresponding decachlorobiphenyl surrogate recovery was within limits, and no target analytes were detected in the sample.
- No other analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A):

- Cadmium and tin were detected between the MDL and the RL in the method blank for batch 382569; these analytes were not detected in the sample at or above the RL.
- No other analytical problems were encountered.

Total Phenolics (EPA 420.1):
No analytical problems were encountered.

Cyanide - Semi-Automated Method (SM 4500-CN-E and SM 4500-CN-E):
No analytical problems were encountered.

Organophosphorus Pesticides (EPA 8141A):
Pace Laboratories in Bakersfield, CA performed the analysis (see sublab report section for certifications). Please see the Pace Laboratories case narrative.

8151A Chlorinated Herbicides (EPA 8151A):
McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (NELAP certified). Please see the McCampbell Analytical, Inc. case narrative.

Dioxins & Furans (EPA 8290):
Enthalpy - El Dorado Hills in El Dorado Hills, CA performed the analysis (see sublab report section for certifications). Please see the Enthalpy - El Dorado Hills case narrative.

ENTHALPY ANALYTICAL

Chain of Custody Record

Lab No: 542351

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard:	X	5 Day:		3 Day:	
2 Day:		1 Day:		Custom TAT:	

<<< Select a Laboratory >>>

#N/A

#N/A

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Waste Connections	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	8260 Appendix II *	8270 Appendix II *	8081-8082 *	8141A *	8151A *	Metals, Total **	Total Cyanide	Total Phenols, Sulfides	8290 2378TCDD
1	Leachate	9/17/25	1205	Aq	16	Vac.	x	x	x	x	x	x	x	x	x
2															
3															
4															
5															
6															
7															

Analysis Request

Test Instructions / Comments

Temp IR: 13
2.4c / +0.0

Leachate Appendix II

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

* Report only the compounds on the 40CFR258 Appx II list

** Metals; Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, Sn, V, Zn

Login 542351

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Paul Chang	CEI	9/17/25 13:30
[1] Received By:		Alice T	EA/NH	9/17/25 13:30
[2] Relinquished By:		Alice T	EA/NH	9/18/25 09:20
[2] Received By:		John Zachman	Enthalpy	09/18/25 0920
[3] Relinquished By:		John Zachman	Enthalpy	09/18/25 1500
[3] Received By:		Leo BRADY	enthalpy	9-18-25 1320
		Leo BRADY	enthalpy	9-18-25/1500

Rec: NCM EA 9-18-25 15:00

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/17/25 WO# 542351 Client: Waste Connections

Section 2: Shipping / Custody — **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Section 3a: Condition / Packaging — ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 9/17/25 By (initials) AKF Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): ____ / ____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 6.5/5.8 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples — ☒ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples — ☒ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other ____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			
13) Are VOA vials free from headspace/bubbles > 6mm?			

Section 5: Explanations / Comments — ☐ **PM notified**

Date Logged 9/17/25 By (print) AKF (sign)

Date Labeled " By (print) " (sign)

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/18/25 WO# 542351 Client: WASTE CONNECTIONS

Section 2: Shipping / Custody **Are custody seals present?** ☐ Yes ☒ No

Custody seals intact on arrival? ■ N/A ☐ Yes ☐ No ☐ On cooler / box ☐ On samples

■ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

Section 3a: Condition / Packaging ☐ **Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)**

Date Opened 9/18/25 By (initials) LXB Type of ice used: ■ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR13 CF: 0.0

Cooler Temp (°C) #1: 2.4 / 2.4 #2: ____/____ #3: ____/____ #4: ____/____ #5: ____/____ #6: ____/____

Section 3b: Microbiology Samples ■ **No microbiology samples submitted (skip 3b)**

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples ■ **No air samples submitted (skip 3c)**

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other_____

Section 4: Containers / Labels / Samples	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)			X
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments

(If no comments are made, then no discrepancies noted.)

4.13: 1/3 HCL VOA vials have headspace >6mm

☐ **No additional discrepancies**

Date Logged 9/17/25 **By (print)** AXT **(sign)** _____

Date Labeled 9/17/25 **By (print)** AXT **(sign)** _____

ENTHALPY ANALYTICAL

Analysis Results for 542351

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542351
Project No: LEACHATE_CHIQUITA
Location: Chiquita Canyon Landfill - Leachate
- REVISED REPORT
Date Received: 09/17/25

Sample ID: LEACHATE **Lab ID: 542351-001** **Collected: 09/17/25 12:05**
Matrix: Water

542351-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 420.1 Prep Method: METHOD										
Total Phenolics	**3.1**		mg/L	0.20	0.094	20	382769	09/24/25	09/24/25	LVL
Method: EPA 6010B Prep Method: EPA 3015A										
Antimony	ND		mg/L	0.30	0.13	10	382569	09/22/25	09/22/25	CAP
Arsenic	**0.16**		mg/L	0.10	0.062	10	382569	09/22/25	09/22/25	CAP
Barium	**1.3**		mg/L	0.10	0.023	10	382569	09/22/25	09/22/25	CAP
Beryllium	ND		mg/L	0.050	0.0017	10	382569	09/22/25	09/22/25	CAP
Cadmium	**0.010**	B,J	mg/L	0.050	0.0037	10	382569	09/22/25	09/22/25	CAP
Chromium	**0.17**		mg/L	0.10	0.030	10	382569	09/22/25	09/22/25	CAP
Cobalt	ND		mg/L	0.050	0.023	10	382569	09/22/25	09/22/25	CAP
Copper	ND		mg/L	0.10	0.060	10	382569	09/22/25	09/22/25	CAP
Lead	ND		mg/L	0.10	0.062	10	382569	09/22/25	09/22/25	CAP
Nickel	**0.19**		mg/L	0.10	0.028	10	382569	09/22/25	09/22/25	CAP
Selenium	ND		mg/L	0.30	0.082	10	382569	09/22/25	09/22/25	CAP
Silver	ND		mg/L	0.050	0.013	10	382569	09/22/25	09/22/25	CAP
Thallium	ND		mg/L	0.30	0.11	10	382569	09/22/25	09/22/25	CAP
Tin	**0.041**	B,J	mg/L	0.20	0.035	10	382569	09/22/25	09/22/25	CAP
Vanadium	**0.33**		mg/L	0.10	0.012	10	382569	09/22/25	09/22/25	CAP
Zinc	ND		mg/L	0.50	0.13	10	382569	09/22/25	09/22/25	CAP
Method: EPA 7470A Prep Method: EPA 7470A										
Mercury	ND		ug/L	4.0	0.89	10	382526	09/22/25	09/22/25	SMP
Method: EPA 8081A Prep Method: EPA 3510C										
alpha-BHC	ND		ug/L	0.07	0.01	1.4	382462	09/20/25	09/21/25	MES
beta-BHC	ND		ug/L	0.07	0.02	1.4	382462	09/20/25	09/21/25	MES
gamma-BHC	ND		ug/L	0.07	0.01	1.4	382462	09/20/25	09/21/25	MES
delta-BHC	ND		ug/L	0.07	0.02	1.4	382462	09/20/25	09/21/25	MES
Heptachlor	ND		ug/L	0.07	0.02	1.4	382462	09/20/25	09/21/25	MES
Aldrin	ND		ug/L	0.07	0.02	1.4	382462	09/20/25	09/21/25	MES
Heptachlor epoxide	ND		ug/L	0.07	0.01	1.4	382462	09/20/25	09/21/25	MES
Endosulfan I	ND		ug/L	0.07	0.02	1.4	382462	09/20/25	09/21/25	MES
Dieldrin	ND		ug/L	0.1	0.02	1.4	382462	09/20/25	09/21/25	MES
4,4'-DDE	ND		ug/L	0.1	0.02	1.4	382462	09/20/25	09/21/25	MES
Endrin	ND		ug/L	0.1	0.02	1.4	382462	09/20/25	09/21/25	MES
Endosulfan II	ND		ug/L	0.1	0.03	1.4	382462	09/20/25	09/21/25	MES
Endosulfan sulfate	ND		ug/L	0.1	0.02	1.4	382462	09/20/25	09/21/25	MES
4,4'-DDD	ND		ug/L	0.1	0.02	1.4	382462	09/20/25	09/21/25	MES
Endrin aldehyde	ND		ug/L	0.1	0.02	1.4	382462	09/20/25	09/21/25	MES
Endrin ketone	ND		ug/L	0.1	0.03	1.4	382462	09/20/25	09/21/25	MES

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542351

542351-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4,4'-DDT	ND		ug/L	0.1	0.05	1.4	382462	09/20/25	09/21/25	MES
Methoxychlor	ND		ug/L	0.1	0.04	1.4	382462	09/20/25	09/21/25	MES
Toxaphene	ND		ug/L	2.9	0.6	1.4	382462	09/20/25	09/21/25	MES
Chlordane (Technical)	ND		ug/L	1.4	0.3	1.4	382462	09/20/25	09/21/25	MES
Surrogates				**Limits**						
TCMX	509%	*,E	%REC	29-120		1.4	382462	09/20/25	09/21/25	MES
Decachlorobiphenyl	73%		%REC	33-132		1.4	382462	09/20/25	09/21/25	MES
Method: EPA 8082 Prep Method: EPA 3510C										
Aroclor-1016	ND		ug/L	0.72	0.44	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1221	ND		ug/L	0.72	0.68	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1232	ND		ug/L	0.72	0.39	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1242	ND		ug/L	0.72	0.42	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1248	ND		ug/L	0.72	0.34	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1254	ND		ug/L	0.72	0.39	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1260	ND		ug/L	0.72	0.47	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1262	ND		ug/L	0.72	0.42	1.4	382462	09/20/25	09/21/25	MES
Aroclor-1268	ND		ug/L	0.72	0.38	1.4	382462	09/20/25	09/21/25	MES
Surrogates				**Limits**						
Decachlorobiphenyl (PCB)	80%		%REC	28-138		1.4	382462	09/20/25	09/21/25	MES
Method: EPA 8260B Prep Method: EPA 5030B										
Carbon Disulfide	**1.1**	J	ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Chloroprene	ND		ug/L	1,000	13	5	382359	09/19/25	09/19/25	LYZ
3-Chloropropene	ND		ug/L	25	1.1	5	382359	09/19/25	09/19/25	LYZ
Ethyl methacrylate	ND		ug/L	250	20	5	382359	09/19/25	09/19/25	LYZ
2-Hexanone	**8.9**	J	ug/L	25	6.5	5	382359	09/19/25	09/19/25	LYZ
Iodomethane	ND		ug/L	50	7.3	5	382359	09/19/25	09/19/25	LYZ
Methyl acrylonitrile	ND		ug/L	180	21	5	382359	09/19/25	09/19/25	LYZ
Vinyl Acetate	ND		ug/L	250	16	5	382359	09/19/25	09/19/25	LYZ
Acrolein	ND		ug/L	1,000	13	5	382359	09/19/25	09/19/25	LYZ
Acrylonitrile	ND		ug/L	50	3.4	5	382359	09/19/25	09/19/25	LYZ
Freon 12	ND		ug/L	25	0.8	5	382359	09/19/25	09/19/25	LYZ
Chloromethane	ND		ug/L	25	0.4	5	382359	09/19/25	09/19/25	LYZ
Vinyl Chloride	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Bromomethane	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Chloroethane	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Trichlorofluoromethane	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Acetone	**6,300**		ug/L	2,500	340	25	382359	09/19/25	09/19/25	LYZ
Freon 113	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,1-Dichloroethene	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
Methylene Chloride	ND		ug/L	25	1.1	5	382359	09/19/25	09/19/25	LYZ
MTBE	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,1-Dichloroethane	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
2-Butanone	**3,800**		ug/L	2,500	33	25	382359	09/19/25	09/19/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
2,2-Dichloropropane	ND		ug/L	25	1.1	5	382359	09/19/25	09/19/25	LYZ
Chloroform	ND		ug/L	25	0.4	5	382359	09/19/25	09/19/25	LYZ
Bromochloromethane	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542351

542351-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
Carbon Tetrachloride	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
1,2-Dichloroethane	ND		ug/L	25	0.8	5	382359	09/19/25	09/19/25	LYZ
Benzene	**17**		ug/L	5.0	0.7	5	382359	09/19/25	09/19/25	LYZ
Trichloroethene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
1,2-Dichloropropane	ND		ug/L	25	0.4	5	382359	09/19/25	09/19/25	LYZ
Bromodichloromethane	ND		ug/L	25	0.3	5	382359	09/19/25	09/19/25	LYZ
Dibromomethane	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
4-Methyl-2-Pentanone	**49**		ug/L	25	5.1	5	382359	09/19/25	09/19/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
Toluene	**13**	J	ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
1,3-Dichloropropane	ND		ug/L	25	0.4	5	382359	09/19/25	09/19/25	LYZ
Tetrachloroethene	ND		ug/L	25	0.8	5	382359	09/19/25	09/19/25	LYZ
Dibromochloromethane	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,2-Dibromoethane	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Chlorobenzene	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	25	0.4	5	382359	09/19/25	09/19/25	LYZ
Ethylbenzene	**3.7**	J	ug/L	25	0.5	5	382359	09/19/25	09/19/25	LYZ
m,p-Xylenes	**5.2**	J	ug/L	50	1.1	5	382359	09/19/25	09/19/25	LYZ
o-Xylene	**3.6**	J	ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
Styrene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Bromoform	ND		ug/L	25	0.3	5	382359	09/19/25	09/19/25	LYZ
Isopropylbenzene	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	25	1.4	5	382359	09/19/25	09/19/25	LYZ
Propylbenzene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
Bromobenzene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
2-Chlorotoluene	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
4-Chlorotoluene	ND		ug/L	25	0.8	5	382359	09/19/25	09/19/25	LYZ
tert-Butylbenzene	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,2,4-Trimethylbenzene	**2.4**	J	ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
sec-Butylbenzene	ND		ug/L	25	0.8	5	382359	09/19/25	09/19/25	LYZ
para-Isopropyl Toluene	**3.5**	J	ug/L	25	0.8	5	382359	09/19/25	09/19/25	LYZ
1,3-Dichlorobenzene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
1,4-Dichlorobenzene	**3.2**	J	ug/L	25	1.0	5	382359	09/19/25	09/19/25	LYZ
n-Butylbenzene	ND		ug/L	25	0.7	5	382359	09/19/25	09/19/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	25	0.6	5	382359	09/19/25	09/19/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	25	3.2	5	382359	09/19/25	09/19/25	LYZ
1,2,4-Trichlorobenzene	ND		ug/L	25	1.5	5	382359	09/19/25	09/19/25	LYZ
Hexachlorobutadiene	ND		ug/L	25	1.3	5	382359	09/19/25	09/19/25	LYZ
Naphthalene	**7.9**	B,J	ug/L	25	3.2	5	382359	09/19/25	09/19/25	LYZ
1,2,3-Trichlorobenzene	ND		ug/L	25	1.4	5	382359	09/19/25	09/19/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	25	1.6	5	382359	09/19/25	09/19/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	25	1.3	5	382359	09/19/25	09/19/25	LYZ
Xylene (total)	**8.7**	J	ug/L	25		5	382359	09/19/25	09/19/25	LYZ
Surrogates				**Limits**						
Dibromofluoromethane	98%		%REC	70-130		5	382359	09/19/25	09/19/25	LYZ
1,2-Dichloroethane-d4	98%		%REC	70-130		5	382359	09/19/25	09/19/25	LYZ
Toluene-d8	103%		%REC	70-130		5	382359	09/19/25	09/19/25	LYZ

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542351

542351-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromofluorobenzene	102%		%REC	70-130		5	382359	09/19/25	09/19/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3510C										
1-Methylnaphthalene	ND		ug/L	2.4	0.88	4.7	382511	09/21/25	09/26/25	MSS
2-Methylnaphthalene	ND		ug/L	2.4	1.1	4.7	382511	09/21/25	09/26/25	MSS
Naphthalene	ND		ug/L	2.4	0.96	4.7	382511	09/21/25	09/26/25	MSS
Acenaphthylene	ND		ug/L	2.4	0.99	4.7	382511	09/21/25	09/26/25	MSS
Acenaphthene	**0.93**	J	ug/L	2.4	0.82	4.7	382511	09/21/25	09/26/25	MSS
Fluorene	ND		ug/L	2.4	0.78	4.7	382511	09/21/25	09/26/25	MSS
Phenanthrene	**3.1**		ug/L	2.4	0.91	4.7	382511	09/21/25	09/26/25	MSS
Anthracene	ND		ug/L	2.4	0.84	4.7	382511	09/21/25	09/26/25	MSS
Fluoranthene	ND		ug/L	2.4	0.82	4.7	382511	09/21/25	09/26/25	MSS
Pyrene	ND		ug/L	2.4	0.78	4.7	382511	09/21/25	09/26/25	MSS
Benzo(a)anthracene	ND		ug/L	2.4	0.71	4.7	382511	09/21/25	09/26/25	MSS
Chrysene	ND		ug/L	2.4	0.77	4.7	382511	09/21/25	09/26/25	MSS
Benzo(b)fluoranthene	ND		ug/L	2.4	0.76	4.7	382511	09/21/25	09/26/25	MSS
Benzo(k)fluoranthene	ND		ug/L	2.4	0.77	4.7	382511	09/21/25	09/26/25	MSS
Benzo(a)pyrene	ND		ug/L	2.4	0.59	4.7	382511	09/21/25	09/26/25	MSS
Indeno(1,2,3-cd)pyrene	ND		ug/L	2.4	0.66	4.7	382511	09/21/25	09/26/25	MSS
Dibenz(a,h)anthracene	ND		ug/L	2.4	0.88	4.7	382511	09/21/25	09/26/25	MSS
Benzo(g,h,i)perylene	ND		ug/L	2.4	0.93	4.7	382511	09/21/25	09/26/25	MSS
Surrogates				**Limits**						
Nitrobenzene-d5	106%		%REC	36-120		4.7	382511	09/21/25	09/26/25	MSS
2-Fluorobiphenyl	12%	*	%REC	30-120		4.7	382511	09/21/25	09/26/25	MSS
Terphenyl-d14	44%	*	%REC	49-128		4.7	382511	09/21/25	09/26/25	MSS
Method: EPA 8270C Prep Method: EPA 3510C										
N-Nitrosodimethylamine	ND		ug/L	40	11	4	382347	09/19/25	09/20/25	ZFA
Phenol	**700**		ug/L	160	28	16	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroethyl)ether	ND		ug/L	100	16	4	382347	09/19/25	09/20/25	ZFA
2-Chlorophenol	ND		ug/L	40	15	4	382347	09/19/25	09/20/25	ZFA
1,3-Dichlorobenzene	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
1,4-Dichlorobenzene	ND		ug/L	40	17	4	382347	09/19/25	09/20/25	ZFA
Benzyl alcohol	ND		ug/L	100	21	4	382347	09/19/25	09/20/25	ZFA
1,2-Dichlorobenzene	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
2-Methylphenol	**42**		ug/L	40	13	4	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroisopropyl) ether	ND		ug/L	40	17	4	382347	09/19/25	09/20/25	ZFA
3-,4-Methylphenol	**1,100**		ug/L	160	49	16	382347	09/19/25	09/20/25	ZFA
N-Nitroso-di-n-propylamine	ND		ug/L	40	17	4	382347	09/19/25	09/20/25	ZFA
Hexachloroethane	ND		ug/L	40	15	4	382347	09/19/25	09/20/25	ZFA
Nitrobenzene	ND		ug/L	100	34	4	382347	09/19/25	09/20/25	ZFA
Isophorone	ND		ug/L	40	17	4	382347	09/19/25	09/20/25	ZFA
2-Nitrophenol	ND		ug/L	40	18	4	382347	09/19/25	09/20/25	ZFA
2,4-Dimethylphenol	**22**	J	ug/L	40	15	4	382347	09/19/25	09/20/25	ZFA
bis(2-Chloroethoxy)methane	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
2,4-Dichlorophenol	ND		ug/L	40	18	4	382347	09/19/25	09/20/25	ZFA
1,2,4-Trichlorobenzene	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
Naphthalene	ND		ug/L	40	15	4	382347	09/19/25	09/20/25	ZFA
4-Chloroaniline	ND		ug/L	40	15	4	382347	09/19/25	09/20/25	ZFA
Hexachlorobutadiene	ND		ug/L	40	13	4	382347	09/19/25	09/20/25	ZFA
4-Chloro-3-methylphenol	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Analysis Results for 542351

542351-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
2-Methylnaphthalene	ND		ug/L	40	14	4	382347	09/19/25	09/20/25	ZFA
Hexachlorocyclopentadiene	ND		ug/L	100	41	4	382347	09/19/25	09/20/25	ZFA
2,4,6-Trichlorophenol	ND		ug/L	40	18	4	382347	09/19/25	09/20/25	ZFA
2,4,5-Trichlorophenol	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
2-Chloronaphthalene	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
2-Nitroaniline	ND		ug/L	200	14	4	382347	09/19/25	09/20/25	ZFA
Dimethylphthalate	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
Acenaphthylene	ND		ug/L	40	19	4	382347	09/19/25	09/20/25	ZFA
2,6-Dinitrotoluene	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
3-Nitroaniline	ND		ug/L	40	14	4	382347	09/19/25	09/20/25	ZFA
Acenaphthene	ND		ug/L	40	14	4	382347	09/19/25	09/20/25	ZFA
2,4-Dinitrophenol	ND		ug/L	200	31	4	382347	09/19/25	09/20/25	ZFA
4-Nitrophenol	ND		ug/L	200	22	4	382347	09/19/25	09/20/25	ZFA
Dibenzofuran	ND		ug/L	40	15	4	382347	09/19/25	09/20/25	ZFA
2,4-Dinitrotoluene	ND		ug/L	40	13	4	382347	09/19/25	09/20/25	ZFA
Diethylphthalate	ND		ug/L	40	12	4	382347	09/19/25	09/20/25	ZFA
Fluorene	ND		ug/L	40	14	4	382347	09/19/25	09/20/25	ZFA
4-Chlorophenyl-phenylether	ND		ug/L	40	15	4	382347	09/19/25	09/20/25	ZFA
4-Nitroaniline	ND		ug/L	40	13	4	382347	09/19/25	09/20/25	ZFA
4,6-Dinitro-2-methylphenol	ND		ug/L	200	51	4	382347	09/19/25	09/20/25	ZFA
N-Nitrosodiphenylamine	ND		ug/L	40	23	4	382347	09/19/25	09/20/25	ZFA
4-Bromophenyl-phenylether	ND		ug/L	40	16	4	382347	09/19/25	09/20/25	ZFA
Hexachlorobenzene	ND		ug/L	40	14	4	382347	09/19/25	09/20/25	ZFA
Pentachlorophenol	ND		ug/L	100	13	4	382347	09/19/25	09/20/25	ZFA
Phenanthrene	ND		ug/L	40	11	4	382347	09/19/25	09/20/25	ZFA
Anthracene	ND		ug/L	40	11	4	382347	09/19/25	09/20/25	ZFA
Di-n-butylphthalate	ND		ug/L	40	7.0	4	382347	09/19/25	09/20/25	ZFA
Fluoranthene	ND		ug/L	40	6.5	4	382347	09/19/25	09/20/25	ZFA
Pyrene	ND		ug/L	40	7.5	4	382347	09/19/25	09/20/25	ZFA
Butylbenzylphthalate	ND		ug/L	40	8.7	4	382347	09/19/25	09/20/25	ZFA
3,3'-Dichlorobenzidine	ND		ug/L	100	14	4	382347	09/19/25	09/20/25	ZFA
Benzo(a)anthracene	ND		ug/L	40	3.9	4	382347	09/19/25	09/20/25	ZFA
Chrysene	ND		ug/L	40	5.0	4	382347	09/19/25	09/20/25	ZFA
bis(2-Ethylhexyl)phthalate	ND		ug/L	40	13	4	382347	09/19/25	09/20/25	ZFA
Di-n-octylphthalate	ND		ug/L	40	5.0	4	382347	09/19/25	09/20/25	ZFA
Benzo(b)fluoranthene	ND		ug/L	40	4.8	4	382347	09/19/25	09/20/25	ZFA
Benzo(k)fluoranthene	ND		ug/L	40	5.5	4	382347	09/19/25	09/20/25	ZFA
Benzo(a)pyrene	ND		ug/L	40	5.6	4	382347	09/19/25	09/20/25	ZFA
Indeno(1,2,3-cd)pyrene	ND		ug/L	40	4.7	4	382347	09/19/25	09/20/25	ZFA
Dibenz(a,h)anthracene	ND		ug/L	40	5.9	4	382347	09/19/25	09/20/25	ZFA
Benzo(g,h,i)perylene	ND		ug/L	40	5.9	4	382347	09/19/25	09/20/25	ZFA
Surrogates				**Limits**						
2-Fluorophenol	36%		%REC	15-120		4	382347	09/19/25	09/20/25	ZFA
Phenol-d6	30%		%REC	15-120		4	382347	09/19/25	09/20/25	ZFA
2,4,6-Tribromophenol	59%		%REC	15-140		4	382347	09/19/25	09/20/25	ZFA
Nitrobenzene-d5	52%		%REC	15-123		4	382347	09/19/25	09/20/25	ZFA
2-Fluorobiphenyl	42%		%REC	15-120		4	382347	09/19/25	09/20/25	ZFA
Terphenyl-d14	55%		%REC	15-120		4	382347	09/19/25	09/20/25	ZFA
Method: SM 4500-CN-E Prep Method: METHOD										
Cyanide	**0.041**	J	mg/L	0.050	0.017	5	382786	09/24/25	09/26/25	CKN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 542351

*	Value is outside QC limits
B	Contamination found in associated Method Blank
E	Response exceeds instrument's linear range
J	Estimated value
ND	Not Detected

Results for any subcontracted analyses are not included in this section.

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID: QC1296541**	**Batch: 382769**
Matrix: Water	**Method: EPA 420.1**	**Prep Method: METHOD**

QC1296541 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Phenolics	ND		mg/L	0.010	0.0047	09/24/25	09/24/25

Type: Lab Control Sample	**Lab ID: QC1296542**	**Batch: 382769**
Matrix: Water	**Method: EPA 420.1**	**Prep Method: METHOD**

QC1296542 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Phenolics	0.07500	0.08000	mg/L	94%		80-120

Type: Lab Control Sample Duplicate	**Lab ID: QC1296543**	**Batch: 382769**
Matrix: Water	**Method: EPA 420.1**	**Prep Method: METHOD**

QC1296543 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Total Phenolics	0.07400	0.08000	mg/L	93%		80-120	1	20

Type: Blank	**Lab ID: QC1295883**	**Batch: 382569**
Matrix: Water	**Method: EPA 6010B**	**Prep Method: EPA 3015A**

QC1295883 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/L	0.030	0.013	09/22/25	09/22/25
Arsenic	ND		mg/L	0.010	0.0062	09/22/25	09/22/25
Barium	ND		mg/L	0.010	0.0023	09/22/25	09/22/25
Beryllium	ND		mg/L	0.0050	0.00017	09/22/25	09/22/25
Cadmium	0.00088	J	mg/L	0.0050	0.00037	09/22/25	09/22/25
Chromium	ND		mg/L	0.010	0.0030	09/22/25	09/22/25
Cobalt	ND		mg/L	0.0050	0.0023	09/22/25	09/22/25
Copper	ND		mg/L	0.010	0.0060	09/22/25	09/22/25
Lead	ND		mg/L	0.010	0.0062	09/22/25	09/22/25
Nickel	ND		mg/L	0.010	0.0028	09/22/25	09/22/25
Selenium	ND		mg/L	0.030	0.0082	09/22/25	09/22/25
Silver	ND		mg/L	0.0050	0.0013	09/22/25	09/22/25
Thallium	ND		mg/L	0.030	0.011	09/22/25	09/22/25
Tin	0.0080	J	mg/L	0.020	0.0035	09/22/25	09/22/25
Vanadium	ND		mg/L	0.010	0.0012	09/22/25	09/22/25
Zinc	ND		mg/L	0.050	0.013	09/22/25	09/22/25

ENTHALPY ANALYTICAL

Batch QC

Type: Lab Control Sample	Lab ID: QC1295884	Batch: 382569
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295884 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	0.3860	0.4000	mg/L	97%		80-120
Arsenic	0.3626	0.4000	mg/L	91%		80-120
Barium	0.3795	0.4000	mg/L	95%		80-120
Beryllium	0.3783	0.4000	mg/L	95%		80-120
Cadmium	0.3952	0.4000	mg/L	99%		80-120
Chromium	0.3703	0.4000	mg/L	93%		80-120
Cobalt	0.3640	0.4000	mg/L	91%		80-120
Copper	0.3548	0.4000	mg/L	89%		80-120
Lead	0.3765	0.4000	mg/L	94%		80-120
Nickel	0.3773	0.4000	mg/L	94%		80-120
Selenium	0.3587	0.4000	mg/L	90%		80-120
Silver	0.1830	0.2000	mg/L	91%		80-120
Thallium	0.3838	0.4000	mg/L	96%		80-120
Tin	4.764	5.000	mg/L	95%		80-120
Vanadium	0.3835	0.4000	mg/L	96%		80-120
Zinc	0.3845	0.4000	mg/L	96%		80-120

Type: Matrix Spike	Lab ID: QC1295889	Batch: 382569
Matrix (Source ID): Water (542301-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1295889 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	0.3846	ND	0.4000	mg/L	96%		75-125	1
Arsenic	0.3609	ND	0.4000	mg/L	90%		75-125	1
Barium	0.4093	0.03770	0.4000	mg/L	93%		75-125	1
Beryllium	0.3742	ND	0.4000	mg/L	94%		75-125	1
Cadmium	0.3828	0.001144	0.4000	mg/L	95%		75-125	1
Chromium	0.3641	ND	0.4000	mg/L	91%		75-125	1
Cobalt	0.3537	ND	0.4000	mg/L	88%		75-125	1
Copper	0.3493	ND	0.4000	mg/L	87%		75-125	1
Lead	0.3674	ND	0.4000	mg/L	92%		75-125	1
Nickel	0.3652	ND	0.4000	mg/L	91%		75-125	1
Selenium	0.3553	ND	0.4000	mg/L	89%		75-125	1
Silver	0.1812	ND	0.2000	mg/L	91%		75-125	1
Thallium	0.3752	ND	0.4000	mg/L	94%		75-125	1
Tin	4.775	ND	5.000	mg/L	96%		75-125	1
Vanadium	0.3800	0.002277	0.4000	mg/L	94%		75-125	1
Zinc	0.3766	ND	0.4000	mg/L	94%		75-125	1

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1295890	Batch:	382569
Matrix (Source ID):	Water (542301-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295890 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	0.3865	ND	0.4000	mg/L	97%		75-125	0	20	1
Arsenic	0.3668	ND	0.4000	mg/L	92%		75-125	2	20	1
Barium	0.4138	0.03770	0.4000	mg/L	94%		75-125	1	20	1
Beryllium	0.3779	ND	0.4000	mg/L	94%		75-125	1	20	1
Cadmium	0.3902	0.001144	0.4000	mg/L	97%		75-125	2	20	1
Chromium	0.3689	ND	0.4000	mg/L	92%		75-125	1	20	1
Cobalt	0.3575	ND	0.4000	mg/L	89%		75-125	1	20	1
Copper	0.3557	ND	0.4000	mg/L	89%		75-125	2	20	1
Lead	0.3728	ND	0.4000	mg/L	93%		75-125	1	20	1
Nickel	0.3694	ND	0.4000	mg/L	92%		75-125	1	20	1
Selenium	0.3599	ND	0.4000	mg/L	90%		75-125	1	20	1
Silver	0.1833	ND	0.2000	mg/L	92%		75-125	1	20	1
Thallium	0.3804	ND	0.4000	mg/L	95%		75-125	1	20	1
Tin	4.862	ND	5.000	mg/L	97%		75-125	2	20	1
Vanadium	0.3839	0.002277	0.4000	mg/L	95%		75-125	1	20	1
Zinc	0.3805	ND	0.4000	mg/L	95%		75-125	1	20	1

Type:	Serial Dilution	Lab ID:	QC1295954	Batch:	382569
Matrix (Source ID):	Water (542301-004)	Method:	EPA 6010B	Prep Method:	EPA 3015A

QC1295954 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Antimony	ND	ND	mg/L				5
Arsenic	ND	ND	mg/L				5
Barium	0.04334	0.03770	mg/L	J			5
Beryllium	ND	ND	mg/L				5
Cadmium	0.005085	0.001144	mg/L	J			5
Chromium	ND	ND	mg/L				5
Cobalt	ND	ND	mg/L				5
Copper	ND	ND	mg/L				5
Lead	ND	ND	mg/L				5
Nickel	ND	ND	mg/L				5
Selenium	ND	ND	mg/L				5
Silver	ND	ND	mg/L				5
Thallium	ND	ND	mg/L				5
Tin	ND	ND	mg/L				5
Vanadium	ND	0.002277	mg/L				5
Zinc	ND	ND	mg/L				5

Type:	Blank	Lab ID:	QC1295736	Batch:	382526
Matrix:	Water	Method:	EPA 7470A	Prep Method:	EPA 7470A

QC1295736 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		ug/L	0.40	0.089	09/22/25	09/22/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295737**	**Batch:**	**382526**
Matrix:	**Water**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1295737 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	5.035	5.000	ug/L	101%		80-120

Type:	**Matrix Spike**	**Lab ID:**	**QC1295738**	**Batch:**	**382526**
Matrix (Source ID):	**Water (542638-001)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1295738 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	993.9	ND	1000	ug/L	99%		75-125	200

Type:	**Matrix Spike Duplicate**	**Lab ID:**	**QC1295739**	**Batch:**	**382526**
Matrix (Source ID):	**Water (542638-001)**	**Method:**	**EPA 7470A**	**Prep Method:**	**EPA 7470A**

QC1295739 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	989.6	ND	1000	ug/L	99%		75-125	0	20	200

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1295525	Batch: 382462
Matrix: Water		

QC1295525 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Method: EPA 8081A Prep Method: EPA 3510C							
alpha-BHC	ND		ug/L	0.05	0.01	09/20/25	09/21/25
beta-BHC	ND		ug/L	0.05	0.01	09/20/25	09/21/25
gamma-BHC	ND		ug/L	0.05	0.009	09/20/25	09/21/25
delta-BHC	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Heptachlor	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Aldrin	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Heptachlor epoxide	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Endosulfan I	ND		ug/L	0.05	0.01	09/20/25	09/21/25
Dieldrin	ND		ug/L	0.1	0.01	09/20/25	09/21/25
4,4'-DDE	ND		ug/L	0.1	0.01	09/20/25	09/21/25
Endrin	ND		ug/L	0.1	0.01	09/20/25	09/21/25
Endosulfan II	ND		ug/L	0.1	0.02	09/20/25	09/21/25
Endosulfan sulfate	ND		ug/L	0.1	0.01	09/20/25	09/21/25
4,4'-DDD	ND		ug/L	0.1	0.01	09/20/25	09/21/25
Endrin aldehyde	ND		ug/L	0.1	0.02	09/20/25	09/21/25
Endrin ketone	ND		ug/L	0.1	0.02	09/20/25	09/21/25
4,4'-DDT	ND		ug/L	0.1	0.04	09/20/25	09/21/25
Methoxychlor	ND		ug/L	0.1	0.03	09/20/25	09/21/25
Toxaphene	ND		ug/L	2.0	0.4	09/20/25	09/21/25
Chlordane (Technical)	ND		ug/L	1.0	0.2	09/20/25	09/21/25
Surrogates				**Limits**			
TCMX	61%		%REC	29-120		09/20/25	09/21/25
Decachlorobiphenyl	101%		%REC	33-132		09/20/25	09/21/25
Method: EPA 8082 Prep Method: EPA 3510C							
Aroclor-1016	ND		ug/L	0.50	0.30	09/20/25	09/21/25
Aroclor-1221	ND		ug/L	0.50	0.47	09/20/25	09/21/25
Aroclor-1232	ND		ug/L	0.50	0.27	09/20/25	09/21/25
Aroclor-1242	ND		ug/L	0.50	0.29	09/20/25	09/21/25
Aroclor-1248	ND		ug/L	0.50	0.24	09/20/25	09/21/25
Aroclor-1254	ND		ug/L	0.50	0.27	09/20/25	09/21/25
Aroclor-1260	ND		ug/L	0.50	0.33	09/20/25	09/21/25
Aroclor-1262	ND		ug/L	0.50	0.29	09/20/25	09/21/25
Aroclor-1268	ND		ug/L	0.50	0.26	09/20/25	09/21/25
Surrogates				**Limits**			
Decachlorobiphenyl (PCB)	111%		%REC	28-138		09/20/25	09/21/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295526**	**Batch:**	**382462**
Matrix:	**Water**	**Method:**	**EPA 8081A**	**Prep Method:**	**EPA 3510C**

QC1295526 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	0.4987	0.5000	ug/L	100%		66-121
beta-BHC	0.4868	0.5000	ug/L	97%		73-120
gamma-BHC	0.5408	0.5000	ug/L	108%		68-125
delta-BHC	0.5593	0.5000	ug/L	112%		68-131
Heptachlor	0.4895	0.5000	ug/L	98%		63-120
Aldrin	0.4533	0.5000	ug/L	91%		56-120
Heptachlor epoxide	0.5023	0.5000	ug/L	100%		65-120
Endosulfan I	0.5258	0.5000	ug/L	105%		68-124
Dieldrin	0.5366	0.5000	ug/L	107%		66-124
4,4'-DDE	0.5654	0.5000	ug/L	113%		67-131
Endrin	0.5865	0.5000	ug/L	117%		68-135
Endosulfan II	0.5496	0.5000	ug/L	110%		71-130
Endosulfan sulfate	0.5426	0.5000	ug/L	109%		68-128
4,4'-DDD	0.5218	0.5000	ug/L	104%		65-130
Endrin aldehyde	0.5043	0.5000	ug/L	101%		67-124
Endrin ketone	0.5757	0.5000	ug/L	115%		69-137
4,4'-DDT	0.5832	0.5000	ug/L	117%		65-136
Methoxychlor	0.6014	0.5000	ug/L	120%		69-150
Surrogates						
TCMX	0.3735	0.5000	ug/L	75%		29-120
Decachlorobiphenyl	0.4685	0.5000	ug/L	94%		33-132

ENTHALPY ANALYTICAL

Batch QC

Type:	Lab Control Sample Duplicate	Lab ID:	QC1295527	Batch:	382462
Matrix:	Water	Method:	EPA 8081A	Prep Method:	EPA 3510C

QC1295527 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
alpha-BHC	0.4766	0.5000	ug/L	95%		66-121	5	20
beta-BHC	0.4709	0.5000	ug/L	94%		73-120	3	20
gamma-BHC	0.5195	0.5000	ug/L	104%		68-125	4	20
delta-BHC	0.5390	0.5000	ug/L	108%		68-131	4	20
Heptachlor	0.4622	0.5000	ug/L	92%		63-120	6	24
Aldrin	0.4238	0.5000	ug/L	85%		56-120	7	30
Heptachlor epoxide	0.4872	0.5000	ug/L	97%		65-120	3	20
Endosulfan I	0.5121	0.5000	ug/L	102%		68-124	3	20
Dieldrin	0.5245	0.5000	ug/L	105%		66-124	2	22
4,4'-DDE	0.5504	0.5000	ug/L	110%		67-131	3	21
Endrin	0.5776	0.5000	ug/L	116%		68-135	2	20
Endosulfan II	0.5560	0.5000	ug/L	111%		71-130	1	21
Endosulfan sulfate	0.5394	0.5000	ug/L	108%		68-128	1	21
4,4'-DDD	0.5178	0.5000	ug/L	104%		65-130	1	22
Endrin aldehyde	0.5011	0.5000	ug/L	100%		67-124	1	20
Endrin ketone	0.5741	0.5000	ug/L	115%		69-137	0	21
4,4'-DDT	0.5789	0.5000	ug/L	116%		65-136	1	23
Methoxychlor	0.6013	0.5000	ug/L	120%		69-150	0	23
Surrogates								
TCMX	0.3060	0.5000	ug/L	61%		29-120		
Decachlorobiphenyl	0.4764	0.5000	ug/L	95%		33-132		

Type:	Lab Control Sample	Lab ID:	QC1295528	Batch:	382462
Matrix:	Water	Method:	EPA 8082	Prep Method:	EPA 3510C

QC1295528 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	4.420	5.000	ug/L	88%		69-120
Aroclor-1260	4.933	5.000	ug/L	99%		72-124
Surrogates						
Decachlorobiphenyl (PCB)	0.4984	0.5000	ug/L	100%		28-138

Type:	Lab Control Sample Duplicate	Lab ID:	QC1295529	Batch:	382462
Matrix:	Water	Method:	EPA 8082	Prep Method:	EPA 3510C

QC1295529 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Aroclor-1016	4.711	5.000	ug/L	94%		69-120	6	22
Aroclor-1260	5.215	5.000	ug/L	104%		72-124	6	25
Surrogates								
Decachlorobiphenyl (PCB)	0.5488	0.5000	ug/L	110%		28-138		

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Batch QC

Type: Lab Control Sample	Lab ID: QC1295168	Batch: 382359
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295168 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.76	50.00	ug/L	88%		69-128
MTBE	38.36	50.00	ug/L	77%		66-125
Benzene	44.61	50.00	ug/L	89%		76-121
Trichloroethene	45.90	50.00	ug/L	92%		76-124
Toluene	45.87	50.00	ug/L	92%		76-120
Chlorobenzene	45.64	50.00	ug/L	91%		78-120
Surrogates						
Dibromofluoromethane	48.92	50.00	ug/L	98%		70-130
1,2-Dichloroethane-d4	48.70	50.00	ug/L	97%		70-130
Toluene-d8	51.97	50.00	ug/L	104%		70-130
Bromofluorobenzene	48.41	50.00	ug/L	97%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1295169	Batch: 382359
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1295169 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.19	50.00	ug/L	104%		69-128	18	23
MTBE	50.95	50.00	ug/L	102%		66-125	28*	22
Benzene	53.79	50.00	ug/L	108%		76-121	19	21
Trichloroethene	49.24	50.00	ug/L	98%		76-124	7	22
Toluene	54.09	50.00	ug/L	108%		76-120	16	21
Chlorobenzene	53.20	50.00	ug/L	106%		78-120	15	20
Surrogates								
Dibromofluoromethane	49.06	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	47.73	50.00	ug/L	95%		70-130		
Toluene-d8	51.24	50.00	ug/L	102%		70-130		
Bromofluorobenzene	50.41	50.00	ug/L	101%		70-130		

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Batch QC

Type:	**Blank**	**Lab ID:**	**QC1295172**	**Batch:**	**382359**
Matrix:	**Water**	**Method:**	**EPA 8260B**	**Prep Method:**	**EPA 5030B**

QC1295172 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Carbon Disulfide	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Chloroprene	ND		ug/L	200	2.7	09/19/25	09/19/25
3-Chloropropene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Ethyl methacrylate	ND		ug/L	50	3.9	09/19/25	09/19/25
2-Hexanone	ND		ug/L	5.0	1.3	09/19/25	09/19/25
Iodomethane	ND		ug/L	10	1.5	09/19/25	09/19/25
Methyl acrylonitrile	ND		ug/L	35	4.2	09/19/25	09/19/25
Vinyl Acetate	ND		ug/L	50	3.2	09/19/25	09/19/25
Acrolein	ND		ug/L	200	2.6	09/19/25	09/19/25
Acrylonitrile	ND		ug/L	10	0.7	09/19/25	09/19/25
Freon 12	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Chloromethane	ND		ug/L	5.0	0.09	09/19/25	09/19/25
Vinyl Chloride	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Bromomethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Chloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Acetone	ND		ug/L	100	14	09/19/25	09/19/25
Freon 113	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Methylene Chloride	ND		ug/L	5.0	0.2	09/19/25	09/19/25
MTBE	ND		ug/L	5.0	0.1	09/19/25	09/19/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	09/19/25	09/19/25
2-Butanone	ND		ug/L	100	1.3	09/19/25	09/19/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Chloroform	ND		ug/L	5.0	0.08	09/19/25	09/19/25
Bromochloromethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Benzene	ND		ug/L	1.0	0.1	09/19/25	09/19/25
Trichloroethene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	09/19/25	09/19/25
Bromodichloromethane	ND		ug/L	5.0	0.07	09/19/25	09/19/25
Dibromomethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	09/19/25	09/19/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Toluene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	09/19/25	09/19/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	09/19/25	09/19/25
Tetrachloroethene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
Dibromochloromethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Chlorobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25

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Batch QC

QC1295172 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	09/19/25	09/19/25
Ethylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
m,p-Xylenes	ND		ug/L	10	0.2	09/19/25	09/19/25
o-Xylene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Styrene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Bromoform	ND		ug/L	5.0	0.06	09/19/25	09/19/25
Isopropylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	09/19/25	09/19/25
Propylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
Bromobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	09/19/25	09/19/25
n-Butylbenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	09/19/25	09/19/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	09/19/25	09/19/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
Naphthalene	0.8	J	ug/L	5.0	0.6	09/19/25	09/19/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	09/19/25	09/19/25
Xylene (total)	ND		ug/L	5.0		09/19/25	09/19/25
Surrogates				**Limits**			
Dibromofluoromethane	98%		%REC	70-130		09/19/25	09/19/25
1,2-Dichloroethane-d4	97%		%REC	70-130		09/19/25	09/19/25
Toluene-d8	103%		%REC	70-130		09/19/25	09/19/25
Bromofluorobenzene	100%		%REC	70-130		09/19/25	09/19/25

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike	Lab ID:	QC1295218	Batch:	382359
Matrix (Source ID):	Water (542473-002)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1295218 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	72.78	ND	100.0	ug/L	73%		62-131	5
MTBE	64.11	ND	100.0	ug/L	64%		61-124	5
Benzene	86.38	17.46	100.0	ug/L	69%	*	70-123	5
Trichloroethene	70.06	ND	100.0	ug/L	70%		65-131	5
Toluene	345.4	289.7	100.0	ug/L	56%	*	69-120	5
Chlorobenzene	69.94	1.930	100.0	ug/L	68%	*	72-121	5
Surrogates								
Dibromofluoromethane	248.8		250.0	ug/L	100%		70-130	5
1,2-Dichloroethane-d4	251.8		250.0	ug/L	101%		70-130	5
Toluene-d8	257.5		250.0	ug/L	103%		70-130	5
Bromofluorobenzene	242.4		250.0	ug/L	97%		70-130	5

Type:	Matrix Spike Duplicate	Lab ID:	QC1295219	Batch:	382359
Matrix (Source ID):	Water (542473-002)	Method:	EPA 8260B	Prep Method:	EPA 5030B

QC1295219 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	95.36	ND	100.0	ug/L	95%		62-131	27	31	5
MTBE	85.56	ND	100.0	ug/L	86%		61-124	29	30	5
Benzene	109.1	17.46	100.0	ug/L	92%		70-123	23	31	5
Trichloroethene	92.52	ND	100.0	ug/L	93%		65-131	28	31	5
Toluene	359.0	289.7	100.0	ug/L	69%		69-120	4	29	5
Chlorobenzene	90.88	1.930	100.0	ug/L	89%		72-121	26	29	5
Surrogates										
Dibromofluoromethane	246.8		250.0	ug/L	99%		70-130			5
1,2-Dichloroethane-d4	235.2		250.0	ug/L	94%		70-130			5
Toluene-d8	255.6		250.0	ug/L	102%		70-130			5
Bromofluorobenzene	257.7		250.0	ug/L	103%		70-130			5

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	Lab ID: QC1295126	Batch: 382347
Matrix: Water	Method: EPA 8270C	Prep Method: EPA 3510C

QC1295126 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
N-Nitrosodimethylamine	ND		ug/L	10	2.8	09/19/25	09/19/25
Phenol	ND		ug/L	10	1.7	09/19/25	09/19/25
bis(2-Chloroethyl)ether	ND		ug/L	25	3.9	09/19/25	09/19/25
2-Chlorophenol	ND		ug/L	10	3.8	09/19/25	09/19/25
1,3-Dichlorobenzene	ND		ug/L	10	4.0	09/19/25	09/19/25
1,4-Dichlorobenzene	ND		ug/L	10	4.2	09/19/25	09/19/25
Benzyl alcohol	ND		ug/L	25	5.2	09/19/25	09/19/25
1,2-Dichlorobenzene	ND		ug/L	10	3.9	09/19/25	09/19/25
2-Methylphenol	ND		ug/L	10	3.3	09/19/25	09/19/25
bis(2-Chloroisopropyl) ether	ND		ug/L	10	4.3	09/19/25	09/19/25
3-,4-Methylphenol	ND		ug/L	10	3.1	09/19/25	09/19/25
N-Nitroso-di-n-propylamine	ND		ug/L	10	4.2	09/19/25	09/19/25
Hexachloroethane	ND		ug/L	10	3.7	09/19/25	09/19/25
Nitrobenzene	ND		ug/L	25	8.4	09/19/25	09/19/25
Isophorone	ND		ug/L	10	4.2	09/19/25	09/19/25
2-Nitrophenol	ND		ug/L	10	4.6	09/19/25	09/19/25
2,4-Dimethylphenol	ND		ug/L	10	3.7	09/19/25	09/19/25
bis(2-Chloroethoxy)methane	ND		ug/L	10	3.9	09/19/25	09/19/25
2,4-Dichlorophenol	ND		ug/L	10	4.4	09/19/25	09/19/25
1,2,4-Trichlorobenzene	ND		ug/L	10	4.1	09/19/25	09/19/25
Naphthalene	ND		ug/L	10	3.8	09/19/25	09/19/25
4-Chloroaniline	ND		ug/L	10	3.6	09/19/25	09/19/25
Hexachlorobutadiene	ND		ug/L	10	3.3	09/19/25	09/19/25
4-Chloro-3-methylphenol	ND		ug/L	10	3.9	09/19/25	09/19/25
2-Methylnaphthalene	ND		ug/L	10	3.6	09/19/25	09/19/25
Hexachlorocyclopentadiene	ND		ug/L	25	10	09/19/25	09/19/25
2,4,6-Trichlorophenol	ND		ug/L	10	4.4	09/19/25	09/19/25
2,4,5-Trichlorophenol	ND		ug/L	10	4.0	09/19/25	09/19/25
2-Chloronaphthalene	ND		ug/L	10	3.9	09/19/25	09/19/25
2-Nitroaniline	ND		ug/L	50	3.4	09/19/25	09/19/25
Dimethylphthalate	ND		ug/L	10	4.0	09/19/25	09/19/25
Acenaphthylene	ND		ug/L	10	4.7	09/19/25	09/19/25
2,6-Dinitrotoluene	ND		ug/L	10	3.9	09/19/25	09/19/25
3-Nitroaniline	ND		ug/L	10	3.6	09/19/25	09/19/25
Acenaphthene	ND		ug/L	10	3.6	09/19/25	09/19/25
2,4-Dinitrophenol	ND		ug/L	50	7.7	09/19/25	09/19/25
4-Nitrophenol	ND		ug/L	50	5.6	09/19/25	09/19/25
Dibenzofuran	ND		ug/L	10	3.6	09/19/25	09/19/25
2,4-Dinitrotoluene	ND		ug/L	10	3.3	09/19/25	09/19/25
Diethylphthalate	ND		ug/L	10	3.1	09/19/25	09/19/25
Fluorene	ND		ug/L	10	3.4	09/19/25	09/19/25
4-Chlorophenyl-phenylether	ND		ug/L	10	3.7	09/19/25	09/19/25
4-Nitroaniline	ND		ug/L	10	3.2	09/19/25	09/19/25
4,6-Dinitro-2-methylphenol	ND		ug/L	50	13	09/19/25	09/19/25
N-Nitrosodiphenylamine	ND		ug/L	10	5.8	09/19/25	09/19/25
4-Bromophenyl-phenylether	ND		ug/L	10	4.0	09/19/25	09/19/25
Hexachlorobenzene	ND		ug/L	10	3.6	09/19/25	09/19/25

ENTHALPY ANALYTICAL

Batch QC

QC1295126 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Pentachlorophenol	ND		ug/L	25	3.2	09/19/25	09/19/25
Phenanthrene	ND		ug/L	10	2.7	09/19/25	09/19/25
Anthracene	ND		ug/L	10	2.6	09/19/25	09/19/25
Di-n-butylphthalate	ND		ug/L	10	1.7	09/19/25	09/19/25
Fluoranthene	ND		ug/L	10	1.6	09/19/25	09/19/25
Pyrene	ND		ug/L	10	1.9	09/19/25	09/19/25
Butylbenzylphthalate	ND		ug/L	10	2.2	09/19/25	09/19/25
3,3'-Dichlorobenzidine	ND		ug/L	25	3.5	09/19/25	09/19/25
Benzo(a)anthracene	ND		ug/L	10	0.99	09/19/25	09/19/25
Chrysene	ND		ug/L	10	1.2	09/19/25	09/19/25
bis(2-Ethylhexyl)phthalate	ND		ug/L	10	3.3	09/19/25	09/19/25
Di-n-octylphthalate	ND		ug/L	10	1.3	09/19/25	09/19/25
Benzo(b)fluoranthene	ND		ug/L	10	1.2	09/19/25	09/19/25
Benzo(k)fluoranthene	ND		ug/L	10	1.4	09/19/25	09/19/25
Benzo(a)pyrene	ND		ug/L	10	1.4	09/19/25	09/19/25
Indeno(1,2,3-cd)pyrene	ND		ug/L	10	1.2	09/19/25	09/19/25
Dibenz(a,h)anthracene	ND		ug/L	10	1.5	09/19/25	09/19/25
Benzo(g,h,i)perylene	ND		ug/L	10	1.5	09/19/25	09/19/25
Surrogates				**Limits**			
2-Fluorophenol	43%		%REC	15-120		09/19/25	09/19/25
Phenol-d6	28%		%REC	15-120		09/19/25	09/19/25
2,4,6-Tribromophenol	81%		%REC	15-140		09/19/25	09/19/25
Nitrobenzene-d5	69%		%REC	15-123		09/19/25	09/19/25
2-Fluorobiphenyl	68%		%REC	15-120		09/19/25	09/19/25
Terphenyl-d14	83%		%REC	15-120		09/19/25	09/19/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295127**	**Batch:**	**382347**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1295127 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	25.23	75.00	ug/L	34%		14-120
2-Chlorophenol	53.44	75.00	ug/L	71%		46-120
1,4-Dichlorobenzene	52.73	75.00	ug/L	70%		42-120
3-,4-Methylphenol	51.37	75.00	ug/L	68%		40-120
N-Nitroso-di-n-propylamine	68.36	75.00	ug/L	91%		54-121
2,4-Dimethylphenol	67.58	75.00	ug/L	90%		48-120
1,2,4-Trichlorobenzene	58.10	75.00	ug/L	77%		45-120
4-Chloro-3-methylphenol	69.51	75.00	ug/L	93%		60-121
2,4,5-Trichlorophenol	69.23	75.00	ug/L	92%		62-124
Acenaphthene	63.24	75.00	ug/L	84%		56-120
4-Nitrophenol	28.28	75.00	ug/L	38%		17-120
2,4-Dinitrotoluene	78.11	75.00	ug/L	104%		69-127
Pentachlorophenol	60.91	75.00	ug/L	81%		51-120
Pyrene	67.66	75.00	ug/L	90%		68-123
Chrysene	68.08	75.00	ug/L	91%		66-120
Benzo(b)fluoranthene	73.25	75.00	ug/L	98%		67-120
Surrogates						
2-Fluorophenol	17.28	40.00	ug/L	43%		15-120
Phenol-d6	11.32	40.00	ug/L	28%		15-120
2,4,6-Tribromophenol	37.05	40.00	ug/L	93%		15-140
Nitrobenzene-d5	28.61	40.00	ug/L	72%		15-123
2-Fluorobiphenyl	29.48	40.00	ug/L	74%		15-120
Terphenyl-d14	33.36	40.00	ug/L	83%		15-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1295128**	**Batch:**	**382347**
Matrix:	**Water**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1295128 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Phenol	26.29	75.00	ug/L	35%		14-120	4	52
2-Chlorophenol	55.07	75.00	ug/L	73%		46-120	3	52
1,4-Dichlorobenzene	53.76	75.00	ug/L	72%		42-120	2	53
3-,4-Methylphenol	53.01	75.00	ug/L	71%		40-120	3	51
N-Nitroso-di-n-propylamine	68.86	75.00	ug/L	92%		54-121	1	52
2,4-Dimethylphenol	68.02	75.00	ug/L	91%		48-120	1	52
1,2,4-Trichlorobenzene	60.29	75.00	ug/L	80%		45-120	4	54
4-Chloro-3-methylphenol	71.99	75.00	ug/L	96%		60-121	4	47
2,4,5-Trichlorophenol	71.11	75.00	ug/L	95%		62-124	3	46
Acenaphthene	62.14	75.00	ug/L	83%		56-120	2	46
4-Nitrophenol	28.71	75.00	ug/L	38%		17-120	1	44
2,4-Dinitrotoluene	79.24	75.00	ug/L	106%		69-127	1	40
Pentachlorophenol	60.76	75.00	ug/L	81%		51-120	0	42
Pyrene	67.65	75.00	ug/L	90%		68-123	0	39
Chrysene	68.42	75.00	ug/L	91%		66-120	1	38
Benzo(b)fluoranthene	72.22	75.00	ug/L	96%		67-120	1	39
Surrogates								
2-Fluorophenol	17.58	40.00	ug/L	44%		15-120		
Phenol-d6	12.27	40.00	ug/L	31%		15-120		
2,4,6-Tribromophenol	37.77	40.00	ug/L	94%		15-140		
Nitrobenzene-d5	29.81	40.00	ug/L	75%		15-123		
2-Fluorobiphenyl	29.48	40.00	ug/L	74%		15-120		
Terphenyl-d14	32.66	40.00	ug/L	82%		15-120		

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295130**	**Batch:**	**382347**
Matrix:	**TCLP Leachate**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1295130 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Phenol	99.85	150.0	ug/L	67%		14-120
2-Chlorophenol	114.6	150.0	ug/L	76%		46-120
1,4-Dichlorobenzene	103.0	150.0	ug/L	69%		42-120
3-,4-Methylphenol	128.3	150.0	ug/L	86%		40-120
N-Nitroso-di-n-propylamine	134.6	150.0	ug/L	90%		54-121
2,4-Dimethylphenol	137.3	150.0	ug/L	92%		48-120
1,2,4-Trichlorobenzene	115.2	150.0	ug/L	77%		45-120
4-Chloro-3-methylphenol	141.3	150.0	ug/L	94%		60-121
2,4,5-Trichlorophenol	137.5	150.0	ug/L	92%		62-124
Acenaphthene	120.7	150.0	ug/L	80%		56-120
4-Nitrophenol	110.0	150.0	ug/L	73%		17-120
2,4-Dinitrotoluene	152.4	150.0	ug/L	102%		69-127
Pentachlorophenol	113.1	150.0	ug/L	75%		51-120
Pyrene	127.9	150.0	ug/L	85%		68-123
Chrysene	126.2	150.0	ug/L	84%		66-120
Benzo(b)fluoranthene	137.4	150.0	ug/L	92%		67-120
Surrogates						
2-Fluorophenol	52.81	80.00	ug/L	66%		15-120
Phenol-d6	48.64	80.00	ug/L	61%		15-120
2,4,6-Tribromophenol	68.21	80.00	ug/L	85%		15-140
Nitrobenzene-d5	59.12	80.00	ug/L	74%		15-123
2-Fluorobiphenyl	57.78	80.00	ug/L	72%		15-120
Terphenyl-d14	61.94	80.00	ug/L	77%		15-120

ENTHALPY ANALYTICAL

Batch QC

Type:	**Sample Spike**	**Lab ID:**	**QC1295131**	**Batch:**	**382347**
Matrix (Source ID):	**TCLP Leachate (542430-001)**	**Method:**	**EPA 8270C**	**Prep Method:**	**EPA 3510C**

QC1295131 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Phenol	8,423	22720	150.0	ug/L	-9529%	E,NM	10-130	20
2-Chlorophenol	0.9099	323.6	150.0	ug/L		DO	47-129	20
1,4-Dichlorobenzene	0	255.4	150.0	ug/L		DO	31-120	20
3-,4-Methylphenol	2,605	2070	150.0	ug/L	357%	E,NM	20-163	20
N-Nitroso-di-n-propylamine	160.7	372.1	150.0	ug/L	-141%	*	10-200	20
2,4-Dimethylphenol	903.7	409.6	150.0	ug/L	329%	*	37-163	20
1,2,4-Trichlorobenzene	0	292.1	150.0	ug/L		DO	32-120	20
4-Chloro-3-methylphenol	119.2	665.7	150.0	ug/L	-364%	NM	35-182	20
2,4,5-Trichlorophenol	0	ND	150.0	ug/L	0%	*	50-146	20
Acenaphthene	1.825	329.1	150.0	ug/L		DO	58-120	20
4-Nitrophenol	45.26	ND	150.0	ug/L		DO	10-143	20
2,4-Dinitrotoluene	2.397	ND	150.0	ug/L		DO	50-136	20
Pentachlorophenol	0	ND	150.0	ug/L		DO	41-130	20
Pyrene	1.303	371.8	150.0	ug/L		DO	61-124	20
Chrysene	1.010	368.9	150.0	ug/L		DO	62-120	20
Benzo(b)fluoranthene	0	380.3	150.0	ug/L		DO	61-121	20
Surrogates								
2-Fluorophenol	51.08		80.00	ug/L	64%		15-120	20
Phenol-d6	61.99		80.00	ug/L	77%		15-120	20
2,4,6-Tribromophenol	74.22		80.00	ug/L	93%		15-140	20
Nitrobenzene-d5	66.75		80.00	ug/L	83%		15-123	20
2-Fluorobiphenyl	55.05		80.00	ug/L	69%		15-120	20
Terphenyl-d14	65.43		80.00	ug/L	82%		15-120	20

ENTHALPY ANALYTICAL

Batch QC

Type: Blank	**Lab ID:** QC1295683		**Batch:** 382511
Matrix: Water	**Method:** EPA 8270C-SIM		**Prep Method:** EPA 3510C

QC1295683 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/L	0.50	0.21	09/21/25	09/23/25
2-Methylnaphthalene	ND		ug/L	0.50	0.17	09/21/25	09/23/25
Naphthalene	ND		ug/L	0.50	0.17	09/21/25	09/23/25
Acenaphthylene	ND		ug/L	0.50	0.23	09/21/25	09/23/25
Acenaphthene	ND		ug/L	0.50	0.17	09/21/25	09/23/25
Fluorene	ND		ug/L	0.50	0.18	09/21/25	09/23/25
Phenanthrene	ND		ug/L	0.50	0.16	09/21/25	09/23/25
Anthracene	ND		ug/L	0.50	0.19	09/21/25	09/23/25
Fluoranthene	ND		ug/L	0.50	0.19	09/21/25	09/23/25
Pyrene	ND		ug/L	0.50	0.20	09/21/25	09/23/25
Benzo(a)anthracene	ND		ug/L	0.50	0.17	09/21/25	09/23/25
Chrysene	ND		ug/L	0.50	0.17	09/21/25	09/23/25
Benzo(b)fluoranthene	ND		ug/L	0.50	0.17	09/21/25	09/23/25
Benzo(k)fluoranthene	ND		ug/L	0.50	0.19	09/21/25	09/23/25
Benzo(a)pyrene	ND		ug/L	0.50	0.18	09/21/25	09/23/25
Indeno(1,2,3-cd)pyrene	ND		ug/L	0.50	0.26	09/21/25	09/23/25
Dibenz(a,h)anthracene	ND		ug/L	0.50	0.26	09/21/25	09/23/25
Benzo(g,h,i)perylene	ND		ug/L	0.50	0.25	09/21/25	09/23/25
Surrogates				**Limits**			
Nitrobenzene-d5	92%		%REC	36-120		09/21/25	09/23/25
2-Fluorobiphenyl	82%		%REC	30-120		09/21/25	09/23/25
Terphenyl-d14	87%		%REC	49-128		09/21/25	09/23/25

ENTHALPY ANALYTICAL

Batch QC

Type:	**Lab Control Sample**	**Lab ID:**	**QC1295684**	**Batch:**	**382511**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1295684 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	3.292	4.000	ug/L	82%		59-120
2-Methylnaphthalene	3.270	4.000	ug/L	82%		58-120
Naphthalene	3.272	4.000	ug/L	82%		57-120
Acenaphthylene	3.489	4.000	ug/L	87%		62-120
Acenaphthene	3.467	4.000	ug/L	87%		59-120
Fluorene	3.580	4.000	ug/L	89%		63-120
Phenanthrene	3.713	4.000	ug/L	93%		64-120
Anthracene	3.814	4.000	ug/L	95%		64-120
Fluoranthene	3.832	4.000	ug/L	96%		67-120
Pyrene	3.823	4.000	ug/L	96%		67-120
Benzo(a)anthracene	3.959	4.000	ug/L	99%		70-120
Chrysene	3.930	4.000	ug/L	98%		70-120
Benzo(b)fluoranthene	3.686	4.000	ug/L	92%		65-120
Benzo(k)fluoranthene	3.698	4.000	ug/L	92%		66-120
Benzo(a)pyrene	3.486	4.000	ug/L	87%		60-120
Indeno(1,2,3-cd)pyrene	3.504	4.000	ug/L	88%		71-120
Dibenz(a,h)anthracene	3.554	4.000	ug/L	89%		72-120
Benzo(g,h,i)perylene	3.444	4.000	ug/L	86%		70-120
Surrogates						
Nitrobenzene-d5	3.748	4.000	ug/L	94%		36-120
2-Fluorobiphenyl	3.313	4.000	ug/L	83%		30-120
Terphenyl-d14	3.816	4.000	ug/L	95%		49-128

Batch QC

Type:	**Lab Control Sample Duplicate**	**Lab ID:**	**QC1295685**	**Batch:**	**382511**
Matrix:	**Water**	**Method:**	**EPA 8270C-SIM**	**Prep Method:**	**EPA 3510C**

QC1295685 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1-Methylnaphthalene	3.140	4.000	ug/L	79%		59-120	5	24
2-Methylnaphthalene	3.116	4.000	ug/L	78%		58-120	5	23
Naphthalene	3.137	4.000	ug/L	78%		57-120	4	23
Acenaphthylene	3.332	4.000	ug/L	83%		62-120	5	22
Acenaphthene	3.266	4.000	ug/L	82%		59-120	6	21
Fluorene	3.369	4.000	ug/L	84%		63-120	6	20
Phenanthrene	3.560	4.000	ug/L	89%		64-120	4	20
Anthracene	3.598	4.000	ug/L	90%		64-120	6	20
Fluoranthene	3.612	4.000	ug/L	90%		67-120	6	20
Pyrene	3.601	4.000	ug/L	90%		67-120	6	20
Benzo(a)anthracene	3.729	4.000	ug/L	93%		70-120	6	20
Chrysene	3.687	4.000	ug/L	92%		70-120	6	20
Benzo(b)fluoranthene	3.488	4.000	ug/L	87%		65-120	6	20
Benzo(k)fluoranthene	3.452	4.000	ug/L	86%		66-120	7	20
Benzo(a)pyrene	3.246	4.000	ug/L	81%		60-120	7	20
Indeno(1,2,3-cd)pyrene	3.359	4.000	ug/L	84%		71-120	4	20
Dibenz(a,h)anthracene	3.347	4.000	ug/L	84%		72-120	6	20
Benzo(g,h,i)perylene	3.296	4.000	ug/L	82%		70-120	4	20
Surrogates								
Nitrobenzene-d5	3.541	4.000	ug/L	89%		36-120		
2-Fluorobiphenyl	3.176	4.000	ug/L	79%		30-120		
Terphenyl-d14	3.512	4.000	ug/L	88%		49-128		

Type:	**Blank**	**Lab ID:**	**QC1296568**	**Batch:**	**382786**
Matrix:	**Water**	**Method:**	**SM 4500-CN-E**	**Prep Method:**	**METHOD**

QC1296568 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Cyanide	ND		mg/L	0.0050	0.0017	09/24/25	09/26/25

Type:	**Lab Control Sample**	**Lab ID:**	**QC1296569**	**Batch:**	**382786**
Matrix:	**Water**	**Method:**	**SM 4500-CN-E**	**Prep Method:**	**METHOD**

QC1296569 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Cyanide	0.09849	0.1000	mg/L	98%		85-115

Type:	**Matrix Spike**	**Lab ID:**	**QC1296570**	**Batch:**	**382786**
Matrix (Source ID):	**Water (542461-001)**	**Method:**	**SM 4500-CN-E**	**Prep Method:**	**METHOD**

QC1296570 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Cyanide	0.1004	ND	0.1000	mg/L	100%		80-120	0.5

ENTHALPY ANALYTICAL

Batch QC

Type:	Matrix Spike Duplicate	Lab ID:	QC1296571	Batch:	382786
Matrix (Source ID):	Water (542461-001)	Method:	SM 4500-CN-E	Prep Method:	METHOD

QC1296571 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Cyanide	0.09865	ND	0.1000	mg/L	99%		80-120	2	20	0.5

Type:	Matrix Spike	Lab ID:	QC1296572	Batch:	382786
Matrix (Source ID):	Water (542574-001)	Method:	SM 4500-CN-E	Prep Method:	METHOD

QC1296572 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Cyanide	0.09887	ND	0.1000	mg/L	99%		80-120	0.5

Type:	Matrix Spike Duplicate	Lab ID:	QC1296573	Batch:	382786
Matrix (Source ID):	Water (542574-001)	Method:	SM 4500-CN-E	Prep Method:	METHOD

QC1296573 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Cyanide	0.09951	ND	0.1000	mg/L	100%		80-120	1	20	0.5

*	Value is outside QC limits
DO	Diluted Out
E	Response exceeds instrument's linear range
J	Estimated value
ND	Not Detected
NM	Not Meaningful

Laboratory Job Number 542351

Subcontracted Products

Pace Laboratories

Date of Report: 09/30/2025

Zachary Barker

Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Client Project:	EO-542351
Pace Project:	Soil & Waters (Zachary Barker)
Pace Work Order:	2516434
Invoice ID:	B524521

Enclosed are the results of analyses for samples received by the laboratory on 9/18/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Ragen Williams
Client Service Rep

Steven Bennett
Operations Manager

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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Chain of Custody and Cooler Receipt Form for 2516434 Page 1 of 2

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

2516434

2516434

Subcontract Laboratory:
Pace Laboratories
4100 Atlas Court
Bakersfield, CA 93308
ATTN: Ragen Schallock
PO #: Required, to be sent via email

Enthalpy Order: EO-542351
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: ELM_TransferOut (Standard Excel Transfer EDD, 3 tabs)

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
LEACHATE	17-SEP-2025 12:05	542351-001	1	Water	Organophosphorus Pesticides	- 1

Notes:	Relinquished By:	Received By:
		Ishat Olivuros
	Date:	Date: 9/18/25 11:29
	Date:	Date:
	Date:	Date:

1 of 1

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PACE ANALYTICAL — COOLER RECEIPT FORM — Page 1 Of 1

Submission #: 2516434

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ GSO / GLS ☐ Hand Delivery ☐
Pace Lab Field Service ☐ Other ☑ (Specify) GLS

SHIPPING CONTAINER
Ice Chest ☐ None ☐ Box ☐
Other ☐ (Specify)

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ (Intact? Yes ☐ No ☐) Containers ☐ (Intact? Yes ☐ No ☐) None ☑ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☒ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: NA Thermometer ID: 274

Temperature: (A) 5.1 °C / (C) 5.1 °C

Date/Time 9/18/25

Analyst Init JDZ 1129

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664B										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608.3/8081A										
QT EPA 515.1/8151A										
QT EPA 525.2										
QT EPA 525.2 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548.1										
QT EPA 549.2										
QT EPA 8015M										
QT EPA 8270C										
8oz / 16oz / 32oz AMBER	A									
8oz / 16oz / 32oz JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

CHK BY JDZ DISTRIBUTION SUB OUT

Comments:

Sample Numbering Completed By: JDZ Date/Time: 1131 9/18/25

A = Actual / C = Corrected

Rev 23 05/20/22

[S:\WPDoc\WordPerfect\LAB_DOCS\FORMS\SAMREC rev 20]

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ENVIRONMENTAL SCIENCES

Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 17:36
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542351
Project Manager: Zachary Barker

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2516434-01	**COC Number:**	---	**Receive Date:**	09/18/2025 11:29
	Project Number:	---	**Sampling Date:**	09/17/2025 12:05
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	LEACHATE	**Lab Matrix:**	Water
	Sampled By:	client	**Sample Type:**	Water

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Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 17:36
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542351
Project Manager: Zachary Barker

Organo-Phosphorus Pesticide Analysis (EPA Method 8141A)

Pace Sample ID: 2516434-01 | **Client Sample Name:** LEACHATE, 9/17/2025 12:05:00PM, client

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	DCN
Azinphos methyl	ND	ug/L	25	6.0	EPA-8141A	ND	A10	1
Bolstar	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Chlorpyrifos	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Coumaphos	ND	ug/L	25	5.5	EPA-8141A	ND	A10	1
Demeton O/S	ND	ug/L	10	2.8	EPA-8141A	ND	A10	1
Diazinon	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Dichlorvos	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Disulfoton	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Ethoprop	ND	ug/L	10	2.6	EPA-8141A	ND	A10	1
Fensulfothion	ND	ug/L	10	2.6	EPA-8141A	ND	A10	1
Fenthion	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Merphos	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Methyl parathion	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Mevinphos	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Naled	ND	ug/L	25	8.5	EPA-8141A	ND	A10	1
Phorate	ND	ug/L	10	3.3	EPA-8141A	ND	A10	1
Ronnel (Fenchlorphos)	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Stirophos (Tetrachlorvinphos)	ND	ug/L	10	4.1	EPA-8141A	ND	A10	1
Tokuthion (Prothiofos)	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Trichloronate	ND	ug/L	10	2.5	EPA-8141A	ND	A10	1
Triphenylphosphate (Surrogate)	50.0	%	50 - 130 (LCL - UCL)		EPA-8141A			1

DCN	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8141A	09/23/25 14:00	09/30/25 11:08	OLH	GC-18	50	B219616	EPA 3510C

DCN = Data Continuation Number

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Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 17:36
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542351
Project Manager: Zachary Barker

Organo-Phosphorus Pesticide Analysis (EPA Method 8141A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals	Run #
QC Batch ID: B219616							
Azinphos methyl	B219616-BLK1	ND	ug/L	0.50	0.12		1
Bolstar	B219616-BLK1	ND	ug/L	0.20	0.050		1
Chlorpyrifos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Coumaphos	B219616-BLK1	ND	ug/L	0.50	0.11		1
Demeton O/S	B219616-BLK1	ND	ug/L	0.20	0.056		1
Diazinon	B219616-BLK1	ND	ug/L	0.20	0.050		1
Dichlorvos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Disulfoton	B219616-BLK1	ND	ug/L	0.20	0.050		1
Ethoprop	B219616-BLK1	ND	ug/L	0.20	0.052		1
Fensulfothion	B219616-BLK1	ND	ug/L	0.20	0.051		1
Fenthion	B219616-BLK1	ND	ug/L	0.20	0.050		1
Merphos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Methyl parathion	B219616-BLK1	ND	ug/L	0.20	0.050		1
Mevinphos	B219616-BLK1	ND	ug/L	0.20	0.050		1
Naled	B219616-BLK1	ND	ug/L	0.50	0.17		1
Phorate	B219616-BLK1	ND	ug/L	0.20	0.066		1
Ronnel (Fenchlorphos)	B219616-BLK1	ND	ug/L	0.20	0.050		1
Stirophos (Tetrachlorvinphos)	B219616-BLK1	ND	ug/L	0.20	0.082		1
Tokuthion (Prothiofos)	B219616-BLK1	ND	ug/L	0.20	0.050		1
Trichloronate	B219616-BLK1	ND	ug/L	0.20	0.050		1
Triphenylphosphate (Surrogate)	**B219616-BLK1**	**94.8**	%	**50 - 130 (LCL - UCL)**			1

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219616-BLK1	PB	EPA-8141A	09/23/25	09/30/25 00:44	OLH	GC-18	1

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Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 17:36
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542351
Project Manager: Zachary Barker

Organo-Phosphorus Pesticide Analysis (EPA Method 8141A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals	Run #
QC Batch ID: B219616											
Bolstar	B219616-BS1	LCS	1.3200	2.0000	ug/L	66.0		50 - 130			1
	B219616-BSD1	LCSD	1.3150	2.0000	ug/L	65.8	0.4	50 - 130	30		2
Chlorpyrifos	B219616-BS1	LCS	1.5050	2.0000	ug/L	75.2		60 - 120			1
	B219616-BSD1	LCSD	1.4600	2.0000	ug/L	73.0	3.0	60 - 120	30		2
Diazinon	B219616-BS1	LCS	1.6100	2.0000	ug/L	80.5		60 - 130			1
	B219616-BSD1	LCSD	1.6050	2.0000	ug/L	80.2	0.3	60 - 130	30		2
Methyl parathion	B219616-BS1	LCS	1.3350	2.0000	ug/L	66.8		60 - 120			1
	B219616-BSD1	LCSD	1.3250	2.0000	ug/L	66.2	0.8	60 - 120	30		2
Mevinphos	B219616-BS1	LCS	2.2800	2.0000	ug/L	114		50 - 120			1
	B219616-BSD1	LCSD	2.2800	2.0000	ug/L	114	0	50 - 120	30		2
Ronnel (Fenchlorphos)	B219616-BS1	LCS	1.3100	2.0000	ug/L	65.5		50 - 120			1
	B219616-BSD1	LCSD	1.3150	2.0000	ug/L	65.8	0.4	50 - 120	30		2
Stirophos (Tetrachlorvinphos)	B219616-BS1	LCS	1.4100	2.0000	ug/L	70.5		50 - 120			1
	B219616-BSD1	LCSD	1.3150	2.0000	ug/L	65.8	7.0	50 - 120	30		2
Triphenylphosphate (Surrogate)	B219616-BS1	LCS	2.0000	2.5000	ug/L	80.0		50 - 130			1
	B219616-BSD1	LCSD	2.2700	2.5000	ug/L	90.8	12.6	50 - 130			2

Run #	QC Sample ID	QC Type	Method	Prep Date	Run Date Time	Analyst	Instrument	Dilution
1	B219616-BS1	LCS	EPA-8141A	09/23/25	09/30/25 01:14	OLH	GC-18	1
2	B219616-BSD1	LCSD	EPA-8141A	09/23/25	09/30/25 01:43	OLH	GC-18	1

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Enthalpy Laboratories-Orange
931 West Barkley Avenue
Orange, CA 92868

Reported: 09/30/2025 17:36
Project: Soil & Waters (Zachary Barker)
Project Number: EO-542351
Project Manager: Zachary Barker

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A10	Detection and quantitation limits were raised due to matrix interference.

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Laboratory Job Number 542351

Subcontracted Products

McCampbell Analytical, Inc.

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509D97

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker
Project P.O.: 079649
Project: EO-542351

Project Location:
Project Received: 09/18/2025

Analytical Report reviewed & approved for release on 09/26/2025 by:

Tracy Babjar
Project Manager

The report shall not be reproduced except in full, without the written approval of the laboratory. The analytical results relate only to the items tested. Results reported conform to the most current regulatory standards, where applicable, unless otherwise stated.

1534 Willow Pass Rd. Pittsburg, CA 94565 ♦ TEL: (877) 252-9262 ♦ FAX: (925) 252-9269 ♦ www.mccampbell.com
CA ELAP 1644 ♦ ORELAP (NELAP) 4033 ♦ AIHA-LAP ID#232255 ♦ DoD-ELAP Cert # L22-757

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509D97

Project: EO-542351

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical **WorkOrder:** 2509D97

Project: EO-542351

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.

McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D97
Date Received:	09/18/2025 9:46	**Extraction Method:**	E8151A
Date Prepared:	09/22/2025	**Analytical Method:**	E8151A
Project:	EO-542351	**Unit:**	µg/L

Chlorinated Herbicides by GC-ECD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
LEACHATE	2509D97-001A	Water	09/17/2025 12:05	GC15A 09252518.D	326204

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acifluorfen	ND		52	200	20	09/25/2025 19:48
Bentazon	ND		82	200	20	09/25/2025 19:48
Chloramben	ND		62	200	20	09/25/2025 19:48
2,4-D (Dichlorophenoxyacetic acid)	ND		12	40	20	09/25/2025 19:48
2,4-DB	ND		42	200	20	09/25/2025 19:48
Dalapon	ND		78	200	20	09/25/2025 19:48
DCPA (mono & diacid)	**43**	J	28	200	20	09/25/2025 19:48
Dicamba	ND		12	40	20	09/25/2025 19:48
3,5-Dichlorobenzoic Acid	ND		38	200	20	09/25/2025 19:48
Dichloroprop	ND		36	200	20	09/25/2025 19:48
Dinoseb (DNBP)	ND		36	200	20	09/25/2025 19:48
MCPA	ND		280	400	20	09/25/2025 19:48
MCPP	ND		150	400	20	09/25/2025 19:48
4-Nitrophenol	ND		100	200	20	09/25/2025 19:48
Pentachlorophenol (PCP)	ND		11	40	20	09/25/2025 19:48
Picloram	ND		70	200	20	09/25/2025 19:48
2,4,5-T (Trichlorophenoxy acetic acid)	ND		11	40	20	09/25/2025 19:48
2,4,5-TP (Silvex)	ND		28	100	20	09/25/2025 19:48

Surrogates	REC (%)	Limits	DF	
DCAA	96	60-140	20	09/25/2025 19:48

Analyst(s): DP

Analytical Comments: a3

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D97
Date Prepared:	09/22/2025	**BatchID:**	326204
Date Analyzed:	09/25/2025	**Extraction Method:**	E8151A
Instrument:	GC15A	**Analytical Method:**	E8151A
Matrix:	Water	**Unit:**	µg/L
Project:	EO-542351	**Sample ID:**	MB/LCS/LCSD-326204

QC Summary Report for E8151A

Analyte	MB Result	MDL	RL	SPK Val	MB IS/SS %REC	MB IS/SS Limits
Acifluorfen	ND	0.26	1.0	-	-	-
Bentazon	ND	0.41	1.0	-	-	-
Chloramben	ND	0.31	1.0	-	-	-
2,4-D (Dichlorophenoxyacetic acid)	ND	0.059	0.20	-	-	-
2,4-DB	ND	0.21	1.0	-	-	-
Dalapon	ND	0.39	1.0	-	-	-
DCPA (mono & diacid)	ND	0.14	1.0	-	-	-
Dicamba	ND	0.059	0.20	-	-	-
3,5-Dichlorobenzoic Acid	ND	0.19	1.0	-	-	-
Dichloroprop	ND	0.18	1.0	-	-	-
Dinoseb (DNBP)	ND	0.18	1.0	-	-	-
MCPA	ND	1.4	2.0	-	-	-
MCPP	ND	0.77	2.0	-	-	-
4-Nitrophenol	ND	0.50	1.0	-	-	-
Pentachlorophenol (PCP)	ND	0.055	0.20	-	-	-
Picloram	ND	0.35	1.0	-	-	-
2,4,5-T (Trichlorophenoxy acetic acid)	ND	0.056	0.20	-	-	-
2,4,5-TP (Silvex)	ND	0.14	0.50	-	-	-
Surrogate Recovery						
DCAA	11			10	107	70-130

(Cont.)

CA ELAP 1644 • ORELAP (NELAP) 4033

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Quality Control Report

Client:	Enthalpy Analytical	**WorkOrder:**	2509D97
Date Prepared:	09/22/2025	**BatchID:**	326204
Date Analyzed:	09/25/2025	**Extraction Method:**	E8151A
Instrument:	GC15A	**Analytical Method:**	E8151A
Matrix:	Water	**Unit:**	µg/L
Project:	EO-542351	**Sample ID:**	MB/LCS/LCSD-326204

QC Summary Report for E8151A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acifluorfen	9.0	9.2	10	90	92	70-130	1.53	30
Bentazon	9.1	9.3	10	91	93	70-130	2.53	30
Chloramben	10	10	10	100	102	70-130	2.28	30
2,4-D (Dichlorophenoxyacetic acid)	9.5	10	10	95	101	70-130	6.81	30
2,4-DB	9.6	10	10	96	101	70-130	4.58	30
Dalapon	9.5	9.5	10	95	95	70-130	0.410	30
DCPA (mono & diacid)	9.4	9.4	10	94	94	70-130	0.768	30
Dicamba	9.5	10	10	95	101	70-130	5.44	30
3,5-Dichlorobenzoic Acid	9.3	9.9	10	93	99	70-130	6.09	30
Dichloroprop	9.4	10	10	94	101	70-130	7.17	30
Dinoseb (DNBP)	9.7	9.8	10	97	98	70-130	1.36	30
MCPA	110	97	100	106	97	70-130	8.58	30
MCPP	110	110	100	107	112	70-130	4.05	30
4-Nitrophenol	12	11	10	117	109	70-130	7.14	30
Pentachlorophenol (PCP)	9.6	9.8	10	96	98	70-130	2.34	30
Picloram	9.9	10	10	99	100	70-130	0.873	30
2,4,5-T (Trichlorophenoxy acetic acid)	10	10	10	101	104	70-130	2.41	30
2,4,5-TP (Silvex)	9.5	9.7	10	95	97	70-130	2.38	30
Surrogate Recovery								
DCAA	10	11	10	101	107	70-130	5.77	30

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Certified Analyte List

Client: Enthalpy Analytical **WorkOrder:** 2509D97

Project: EO-542351

Analyte	Cert 1	Cert 2	Cert 3	Cert 4	Cert 5	Analytical Method	Matrix
2,4,5-T (Trichlorophenoxy acetic acid)	◉	◉	○	○	○	E8151A	Water
2,4,5-TP (Silvex)	◉	◉	○	○	○	E8151A	Water
2,4-D (Dichlorophenoxyacetic acid)	◉	◉	○	○	○	E8151A	Water
2,4-DB	◉	◉	○	○	○	E8151A	Water
3,5-Dichlorobenzoic Acid	○	◉	○	○	○	E8151A	Water
4-Nitrophenol	◉	◉	○	○	○	E8151A	Water
Acifluorfen	○	◉	○	○	○	E8151A	Water
Bentazon	○	◉	○	○	○	E8151A	Water
Chloramben	○	◉	○	○	○	E8151A	Water
Dalapon	◉	◉	○	○	○	E8151A	Water
DCPA (mono & diacid)	○	◉	○	○	○	E8151A	Water
Dicamba	◉	◉	○	○	○	E8151A	Water
Dichloroprop	◉	◉	○	○	○	E8151A	Water
Dinoseb (DNBP)	◉	◉	○	○	○	E8151A	Water
MCPA	◉	◉	○	○	○	E8151A	Water
MCPP	◉	◉	○	○	○	E8151A	Water
Pentachlorophenol (PCP)	◉	◉	○	○	○	E8151A	Water
Picloram	○	◉	○	○	○	E8151A	Water

Certifications

Cert 1	CA ELAP 1644
Cert 2	ORELAP (NELAP) 4033

The Certified Analyte Report lists the compounds for which MAI is accredited at the time of issuance. Although MAI holds multiple accreditations, methods with extensive compound lists may not be fully accredited due to state agency availability.

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2509D97 **ClientCode: ENO** **QuoteID: 252619**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag
☑ Detection Summary ☑ **Excel** [A1_Standard _QC]

Report to:
Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-542351

Bill to:
Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: **09/18/2025**
Date Logged: **09/19/2025**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509D97-001	LEACHATE	Water	9/17/2025 12:05	☐	A	A										

Test Legend:

1	8151_W	2	PRDisposal Fee	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL **Project:** EO-542351 **Work Order:** 2509D97
Client Contact: Zach Barker **QC Level:** LEVEL 2
Contact's Email: zach.barker@enthalpy.com **Comments:** **Date Logged:** 9/19/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☑ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	LEACHATE	Water	E8151A (Chlorinated Herbicides)	1	1LA Narrow Mouth, Unpres	☐	☐	☐	9/17/2025 12:05	5 days	9/25/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

2509D97

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-542351
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel EDD

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
LEACHATE	17-SEP-2025 12:05	542351-001	1	Water	EPA 8151A Chlorinated Herbicides	

Notes:	Relinquished By:	Received By:
	Date:	Date: 9/18/25 0946
	Date:	Date:
	Date:	Date:

1.0 cwet IR3

1 of 1 GSO: 5635036683

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	Enthalpy Analytical	Date and Time Received:	9/18/2025 09:46
Project:	EO-542351	Date Logged:	9/19/2025
		Received by:	Agustina Venegas
WorkOrder №:	2509D97 Matrix: Water	Logged by:	Agustina Venegas
Carrier:	Golden State Overnight		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☐	No	☑		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☐	No	☑		
COC agrees with Quote?	Yes	☑	No	☐	NA	☐
COC quote NOT expired?	Yes	☑	No	☐	NA	☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2)?	Yes	☐	No	☐	NA	☑

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

Laboratory Job Number 542351

Subcontracted Products

Enthalpy - El Dorado Hills

October 07, 2025

Enthalpy Analytical - El Dorado Hills
Work Order No. 2509183

Mr. Zach Barker
Enthalpy Analytical
931 W. Barkley Avenue
Orange, CA 92868

Dear Mr. Barker,

Enclosed are the results for the sample set received at Enthalpy Analytical - EDH on September 18, 2025 under your Project Name 'EO-542351'.

Enthalpy Analytical - EDH is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mark.rein@enthalpy.com.

Thank you for choosing Enthalpy Analytical - EDH as part of your analytical support team.

Sincerely,



Mark Rein
Project Manager

Enthalpy Analytical -EDH certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Enthalpy Analytical -EDH .

Enthalpy Analytical - EDH Work Order No. 2509183
Case Narrative

Sample Condition on Receipt:

One water sample was received and stored securely in accordance with Enthalpy Analytical - EDH standard operating procedures and EPA methodology. The sample was received in good condition and within the method temperature requirements.

Analytical Notes:

EPA Method 8290A

The sample was extracted and analyzed for tetra-through-octa chlorinated dioxins and furans by EPA Method 8290A using a ZB-DIOXIN GC column.

Holding Times

The method holding time criteria was met for this sample.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected above the sample quantitation limits in the Method Blank. The OPR recoveries were within the method acceptance criteria.

Labeled standard recoveries for all QC and field samples were within method acceptance criteria.

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Sample Inventory Report

Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2509183-01	LEACHATE	17-Sep-25 12:05	18-Sep-25 10:57	Amber Glass NM Bottle, 1L

ANALYTICAL RESULTS

Sample ID: Method Blank **EPA Method 8290A**

Client Data
Name: Enthalpy Analytical
Project: EO-542351
Matrix: Aqueous

Laboratory Data
Lab Sample: B25J001-BLK1
QC Batch: B25J001 Date Extracted: 01-Oct-25
Sample Size: 0.500 L Column: ZB-DIOXIN

Analyte	Conc. (pg/L)	MDL	RL	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND	3.56	10.0		02-Oct-25 14:49	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	92.6	40 - 135		02-Oct-25 14:49	1
37Cl-2,3,7,8-TCDD	CRS	96.3	40 - 135		02-Oct-25 14:49	1

MDL - Method Detection Limit
RL - Reporting limit

Results reported to MDL.

Sample ID: OPR **EPA Method 8290A**

Client Data
Name: Enthalpy Analytical
Project: EO-542351
Matrix: Aqueous

Laboratory Data
Lab Sample: B25J001-BS1
QC Batch: B25J001 Date Extracted: 01-Oct-25 03:38
Sample Size: 0.500 L Column: ZB-DIOXIN

Analyte	Amt Found (pg/L)	Spike Amt	% Recovery	Limits	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	411	400	103	70-130		02-Oct-25 11:48	1
Labeled Standards	**Type**		**% Recovery**	**Limits**	**Qualifiers**	**Analyzed**	**Dilution**
13C-2,3,7,8-TCDD	IS		82.4	40-135		02-Oct-25 11:48	1
37Cl-2,3,7,8-TCDD	CRS		94.2	40-135		02-Oct-25 11:48	1

Sample ID: LEACHATE **EPA Method 8290A**

Client Data

Name: Enthalpy Analytical
Project: EO-542351
Matrix: Water
Date Collected: 17-Sep-25 12:05

Laboratory Data

Lab Sample: 2509183-01
QC Batch: B25J001
Sample Size: 0.501 L
Date Received: 18-Sep-25 10:57
Date Extracted: 01-Oct-25
Column: ZB-DIOXIN

Analyte	Conc. (pg/L)	MDL	RL	Qualifiers	Analyzed	Dilution
2,3,7,8-TCDD	ND	3.55	9.98		03-Oct-25 19:49	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Analyzed	Dilution
13C-2,3,7,8-TCDD	IS	76.6	40 - 135		03-Oct-25 19:49	1
37Cl-2,3,7,8-TCDD	CRS	93.0	40 - 135		03-Oct-25 19:49	1

MDL - Method Detection Limit
RL - Reporting limit

Results reported to MDL.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection Limit
E	The associated compound concentration exceeded the calibration range of the instrument
EDL	Estimated Detection Limit
EMPC	Estimated Maximum Possible Concentration
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
MDL	Method Detection Limit
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
RL	For 537.1, the reported RLs are the MRLs.
TEQ	Toxic Equivalency, sum of the toxic equivalency factors (TEF) multiplied by the sample concentrations.
TEQMax	TEQ calculation that uses the detection limit as the concentration for non-detects
TEQMin	TEQ calculation that uses zero as the concentration for non-detects
TEQRisk	TEQ calculation that uses ½ the detection limit as the concentration for non-detects
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Enthalpy Analytical - EDH Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	21-023-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025	3091.01
Florida Department of Health	E87777
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2020018
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	2211390
Nevada Division of Environmental Protection	CA00413
New Hampshire Environmental Accreditation Program	207721
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Ohio Environmental Protection Agency	87778
Oregon Laboratory Accreditation Program	4042-021
Texas Commission on Environmental Quality	T104704189-22-13
Vermont Department of Health	VT-4042
Virginia Department of General Services	11276
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters can be found at Enthalpy.com/Resources/Accreditations.

ENTHALPY ANALYTICAL

931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:
Enthalpy - El Dorado Hills
1104 Windfield Way
El Dorado Hills, CA 95762
ATTN: Mark Rein
PO #: Required, to be sent via email

Enthalpy Order: EO-542351
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

2509183 5.2C

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: BLDR:Enthalpy (the normal EDD you send to Orange)

Notes:

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
LEACHATE	17-SEP-2025 12:05	542351-001	1	Water	EPA 8290 - 2,3,7,8-TCDD Only	

Notes:	Reiinquished By:	Received By:
		Xavier Avila
	Date:	Date: 09/18/25 10:57
	Date:	Date:
	Date:	Date:

CoC/Label Reconciliation Report WO# 2509183

LabNumber	CoC Sample ID	SampleAlias	Sample Date/Time	Container	BaseMatrix	Sample Comments
2509183-01	A LEACHATE ☐ (A)	54251-001	17-Sep-25 12:05 ☑	Amber Glass NM Bottle, 1L	Aqueous	

Checkmarks indicate that information on the COC reconciled with the sample label.
Any discrepancies are noted in the following columns.

CONDITION	Yes	No	NA
Sample Container Intact?	✓		
Sample Container(s) Custody Seals Intact?			✓
Custody Seals On Cooler Intact?			✓
Adequate Sample Volume?	✓		
Container Type Appropriate for Analysis(es)?	✓		

Comments:
(A) NO Back up volume

Preservation Documented: Na2S2O3 Trizma NH4CH3CO2 (None) Other

Verifed by/Date: XAO 09/18/25
1st 09/18/25

APPENDIX E

EMP/CAP TIME SERIES PLOTS

Figure E-1
VOCs Detected
Well DW-16
Time Series Plot

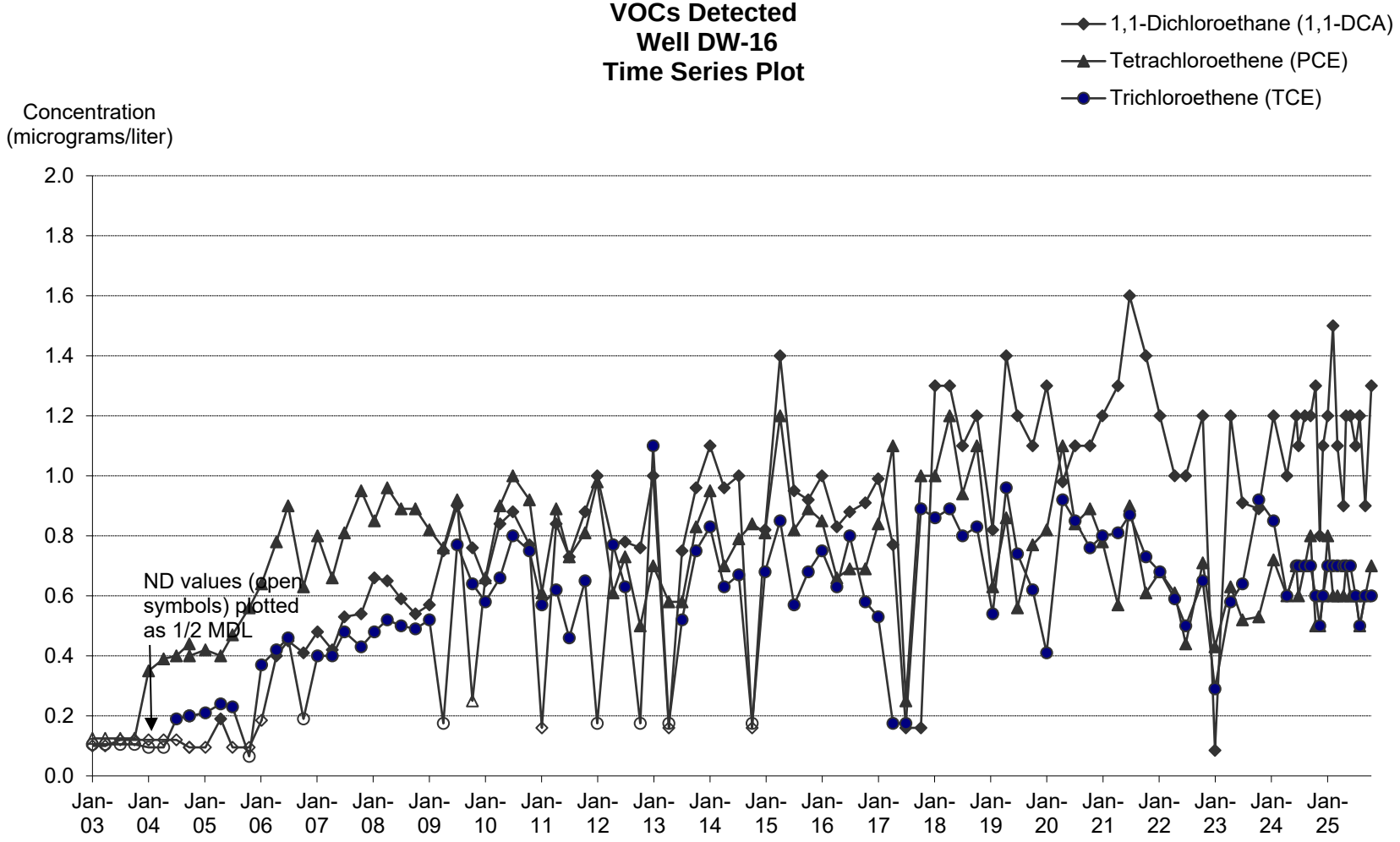


Figure E-2
1,1-Dichloroethane (1,1-DCA)
Well DW-16
Time Series Plot

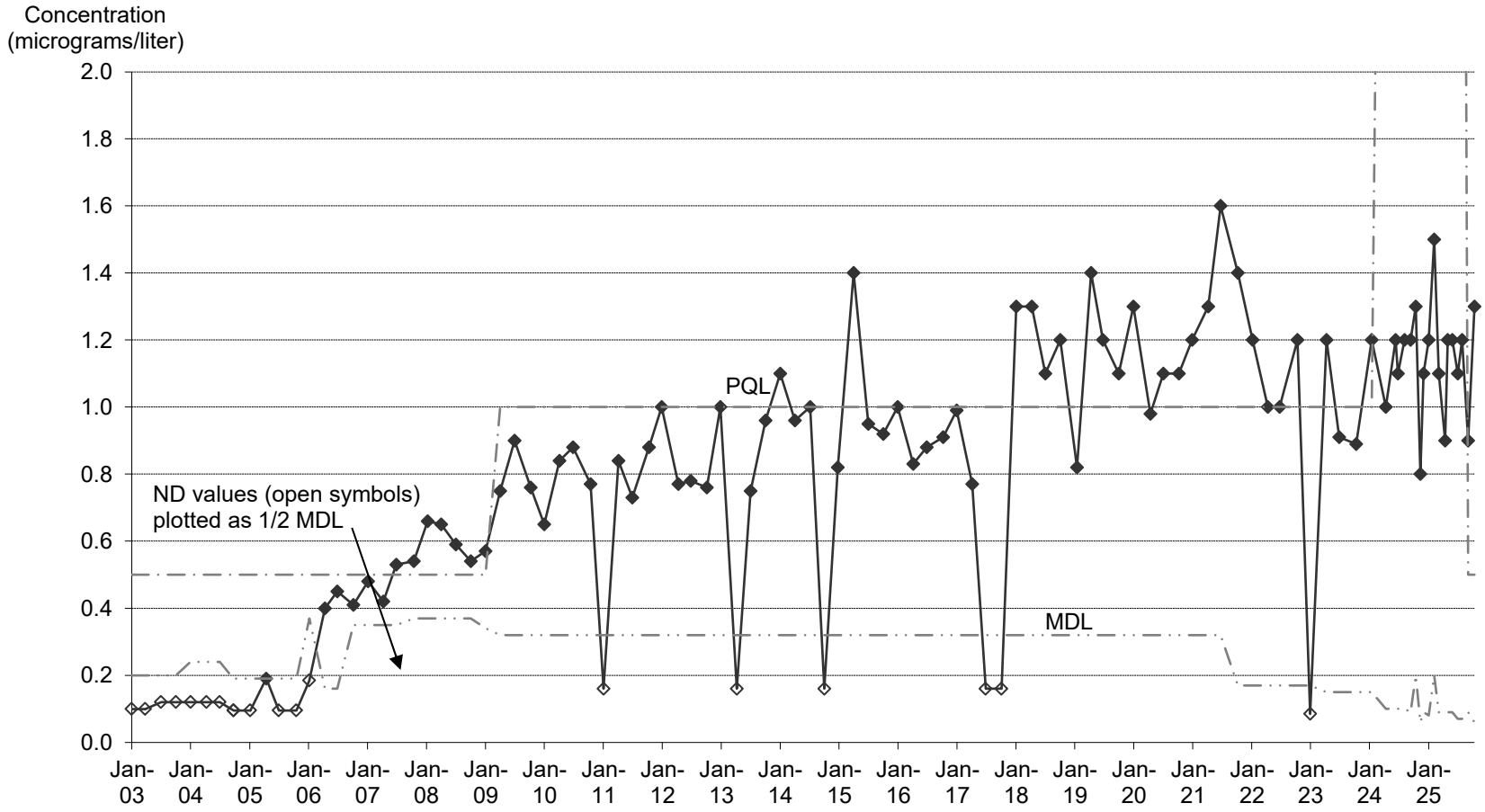


Figure E-3
Tetrachloroethene (PCE)
Well DW-16
Time Series Plot

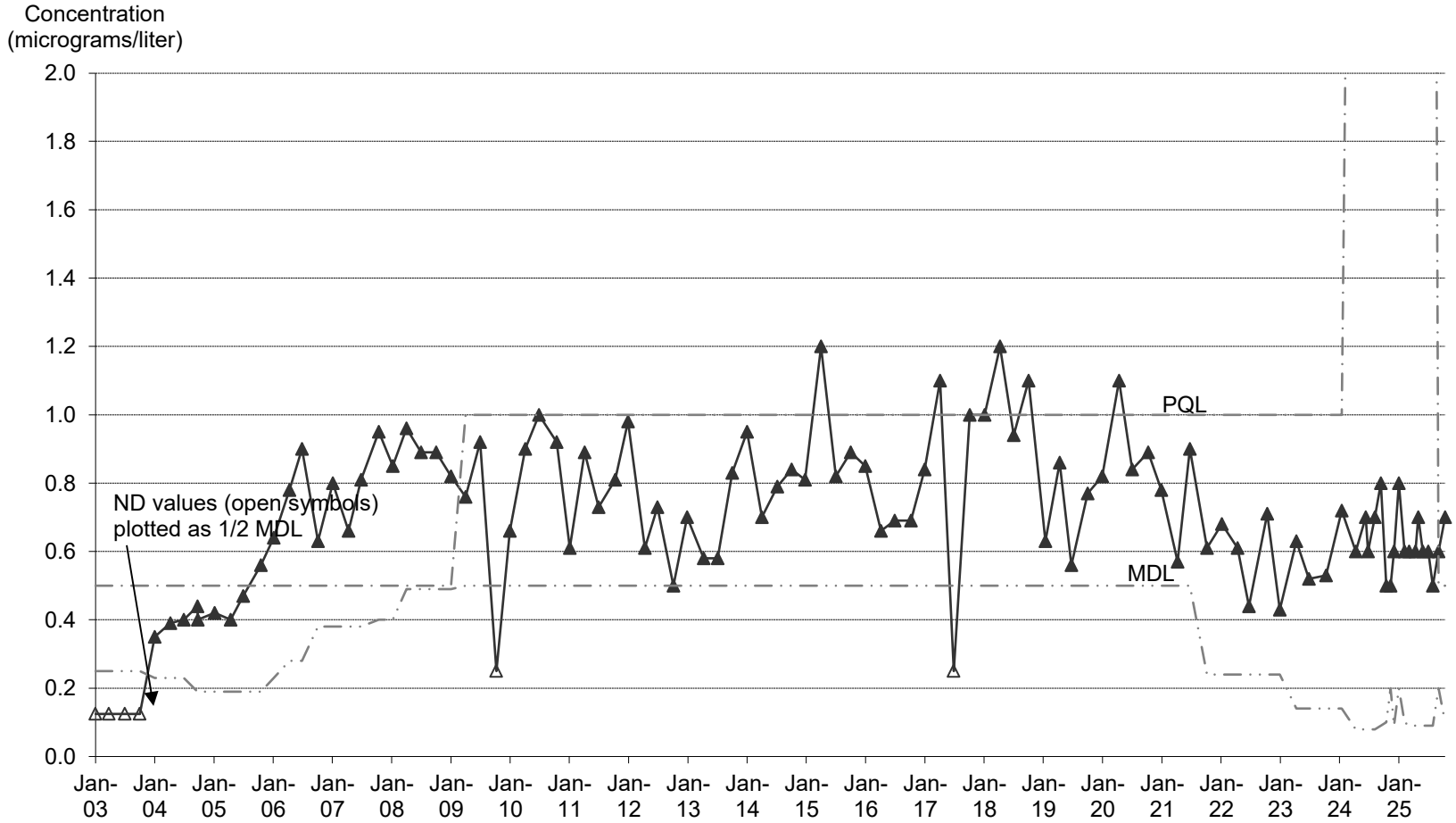


Figure E-4
Trichloroethene (TCE)
Well DW-16
Time Series Plot

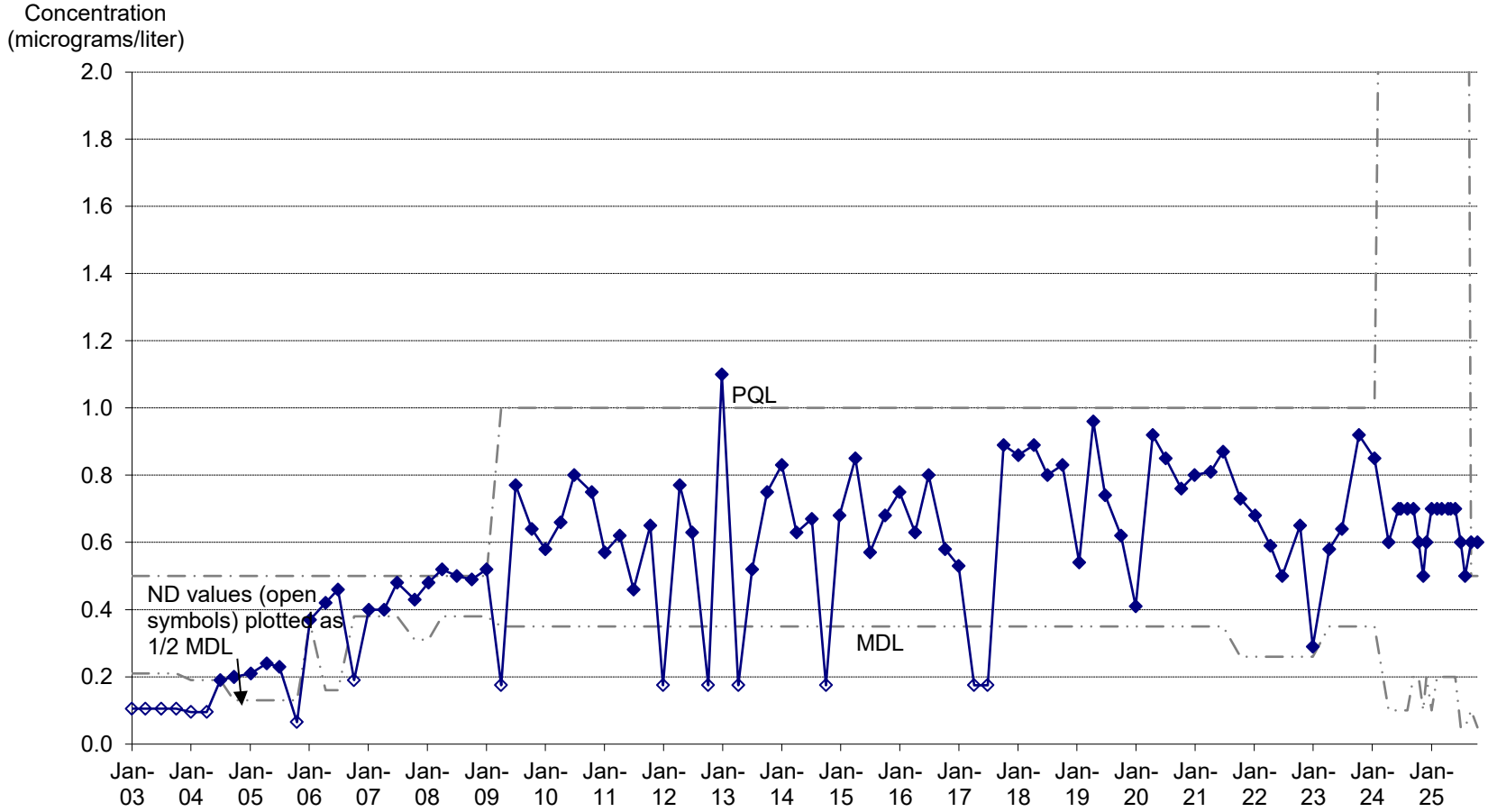


Figure E-5
VOCs Detected
Well DW-1
Time Series Plot

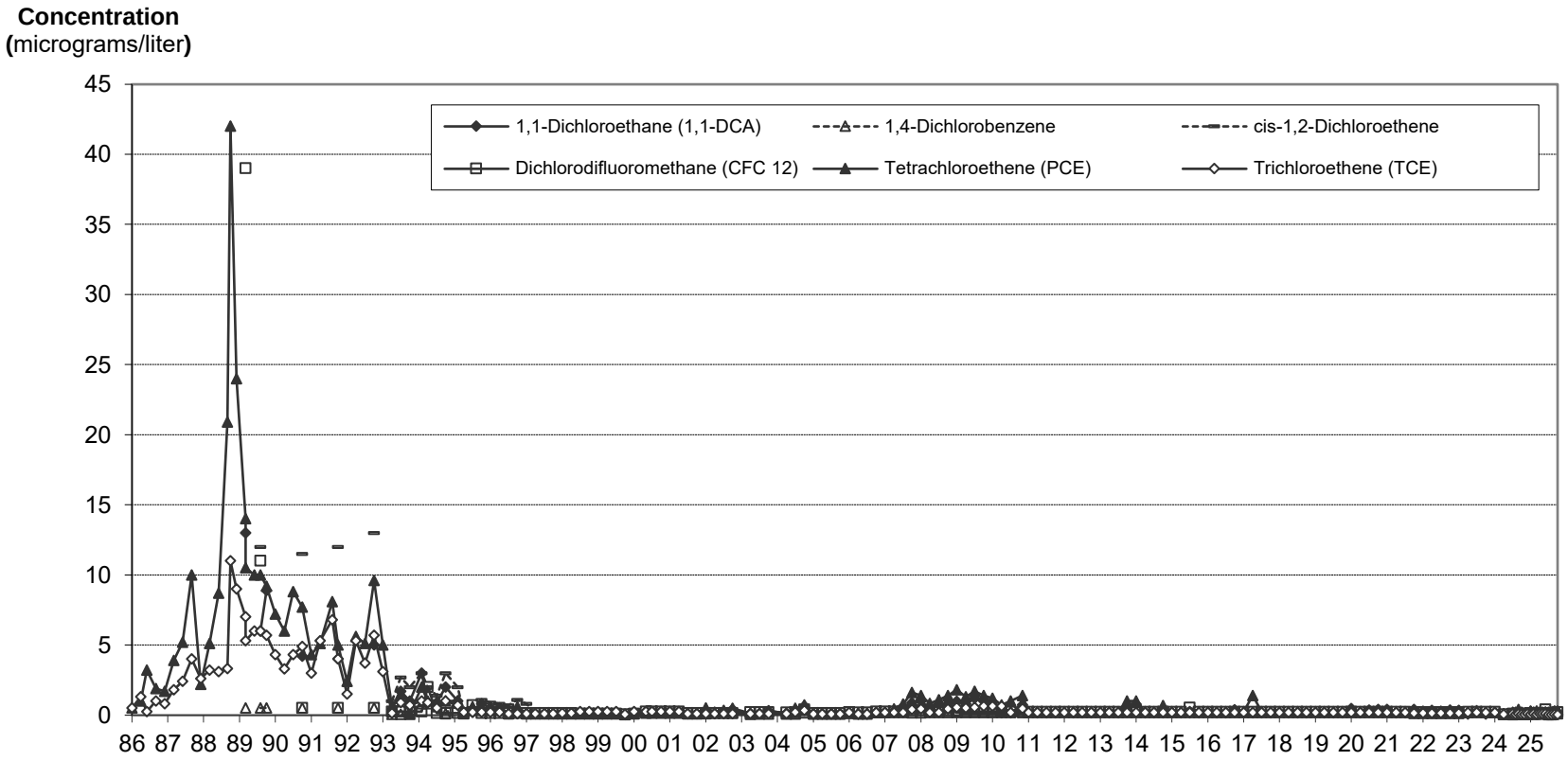


Figure E-6
Dichlorodifluoromethane (CFC 12)
Well DW-1
Time Series Plot

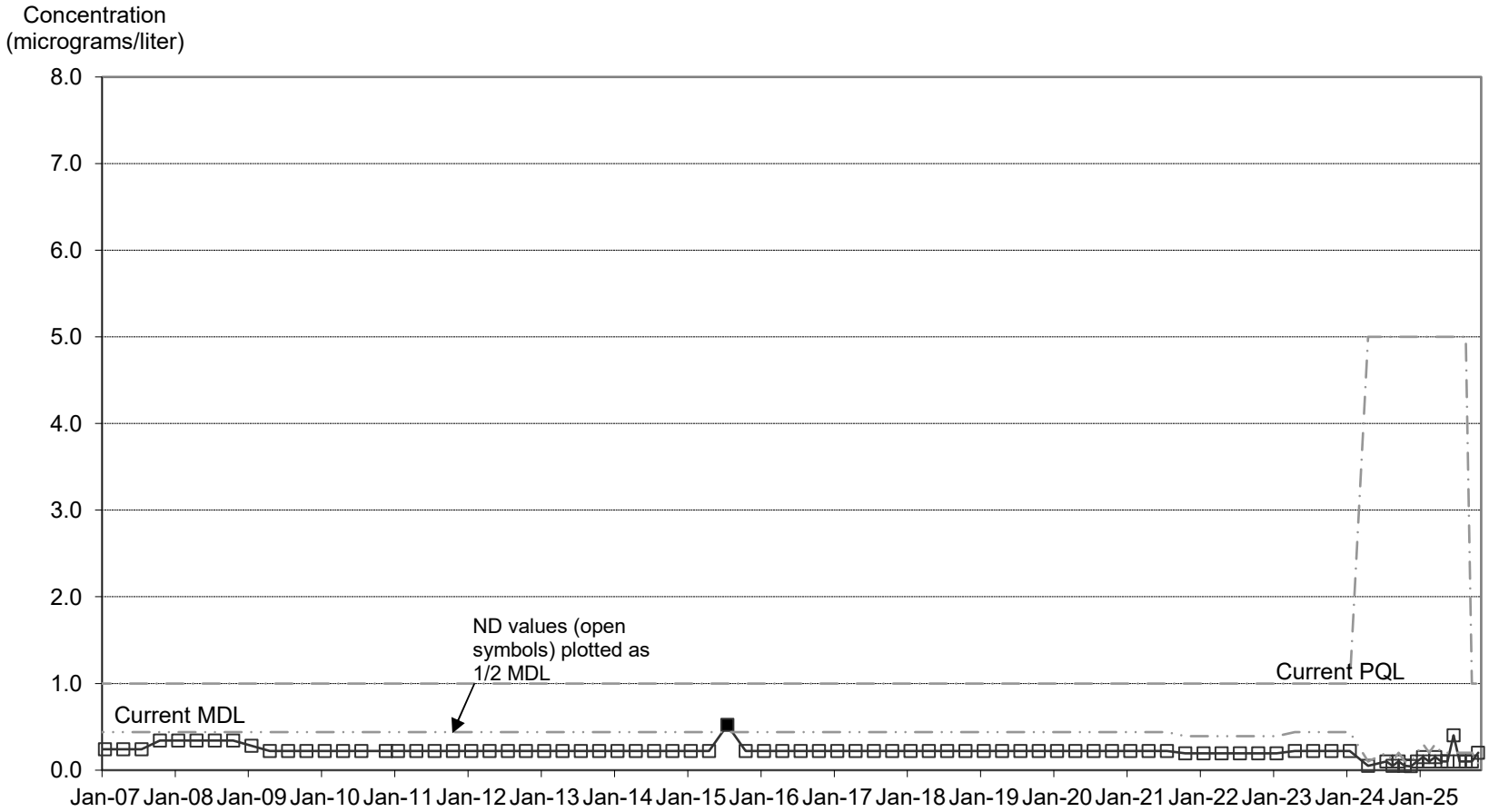


Figure E-7
1,1-Dichloroethane (1,1-DCA)
Well DW-1
Time Series Plot

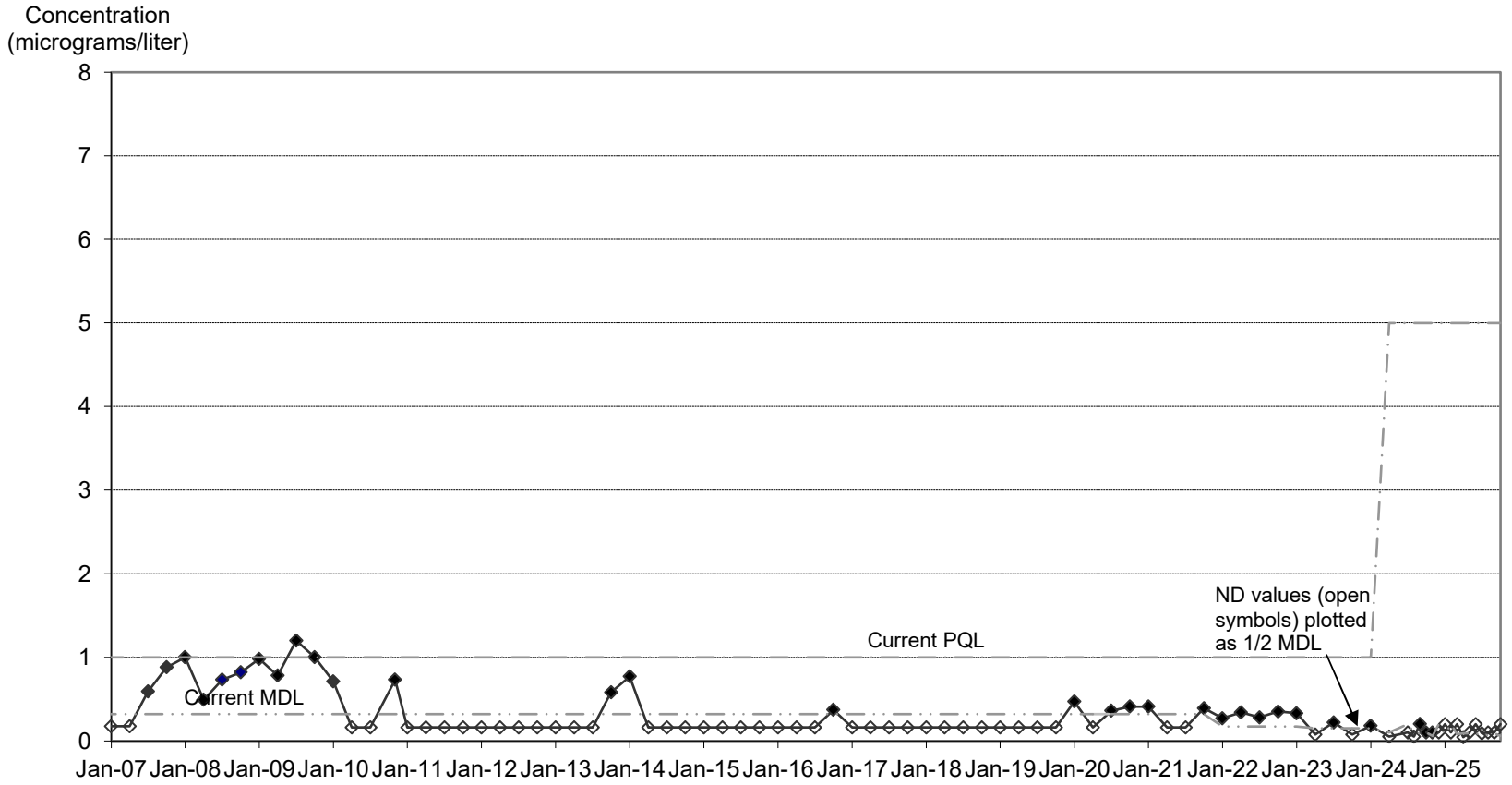


Figure E-8
Tetrachloroethene (PCE)
Well DW-1
Time Series Plot

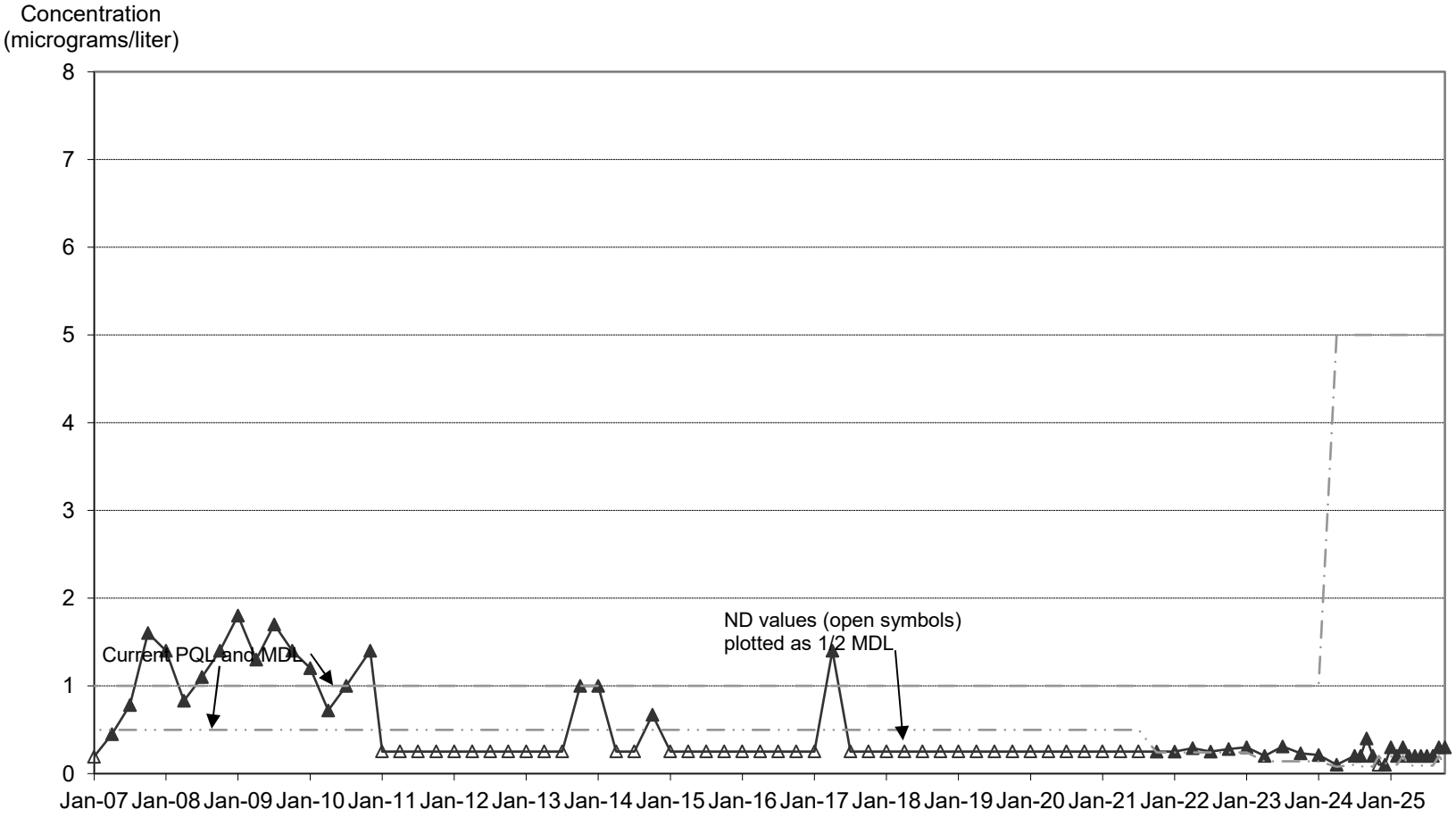


Figure E-9
Trichloroethene (TCE)
Well DW-1
Time Series Plot

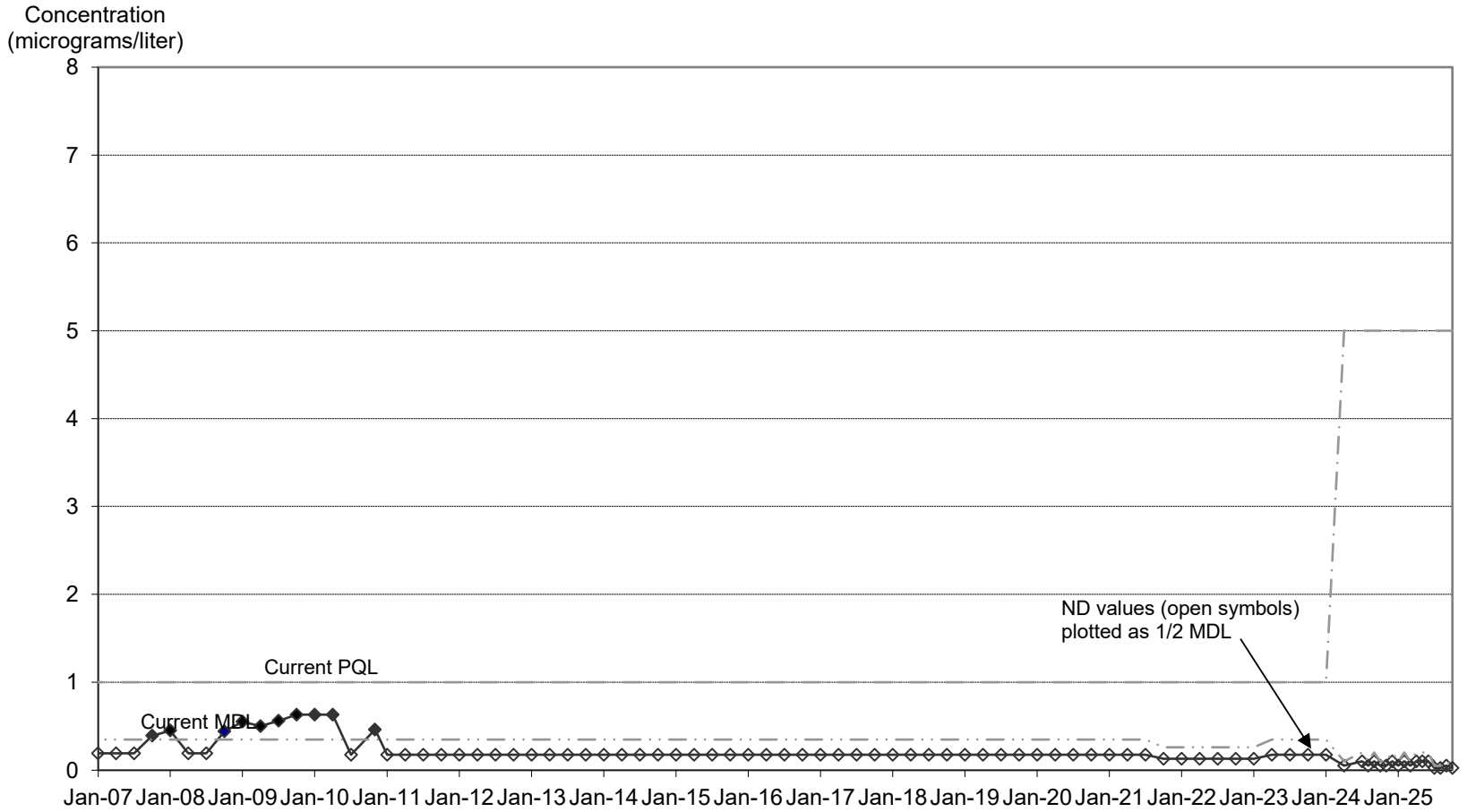


Figure E-10
1,4-Dichlorobenzene
Well DW-1
Time Series Plot

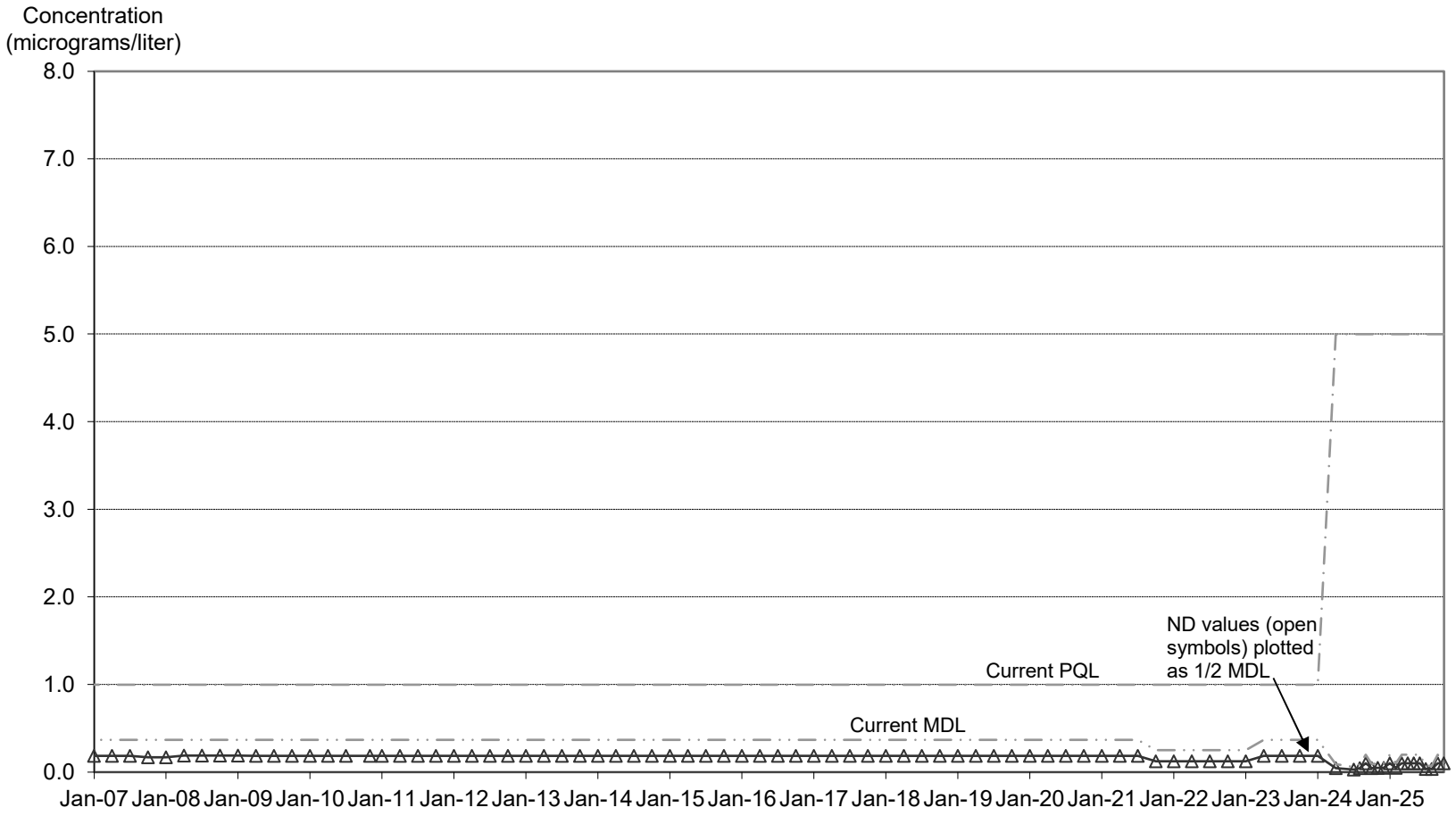


Figure E-11
cis-1,2-Dichloroethene
Well DW-1
Time Series Plot

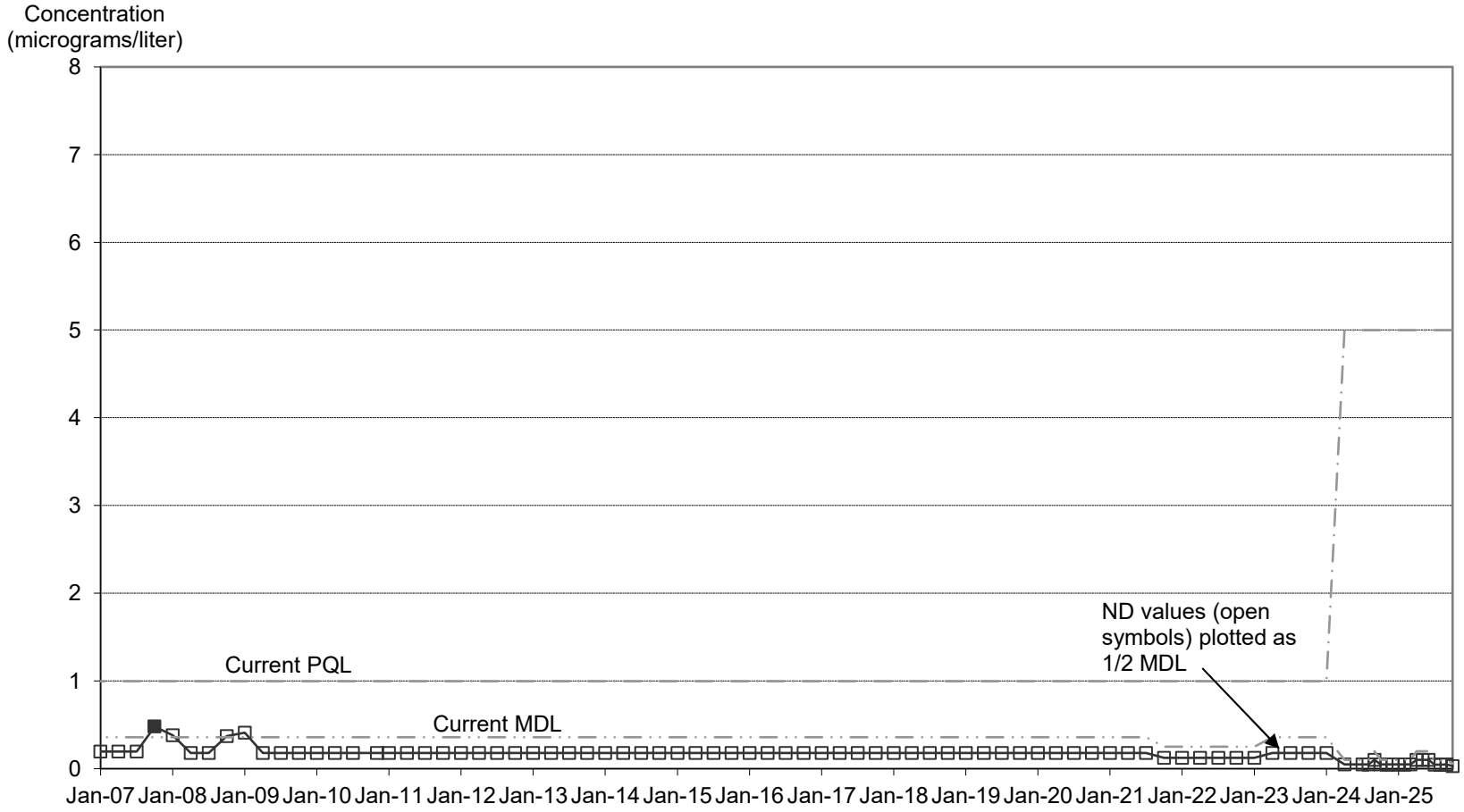


Figure E-12
VOCs Detected
Well DW-3
Time Series Plot

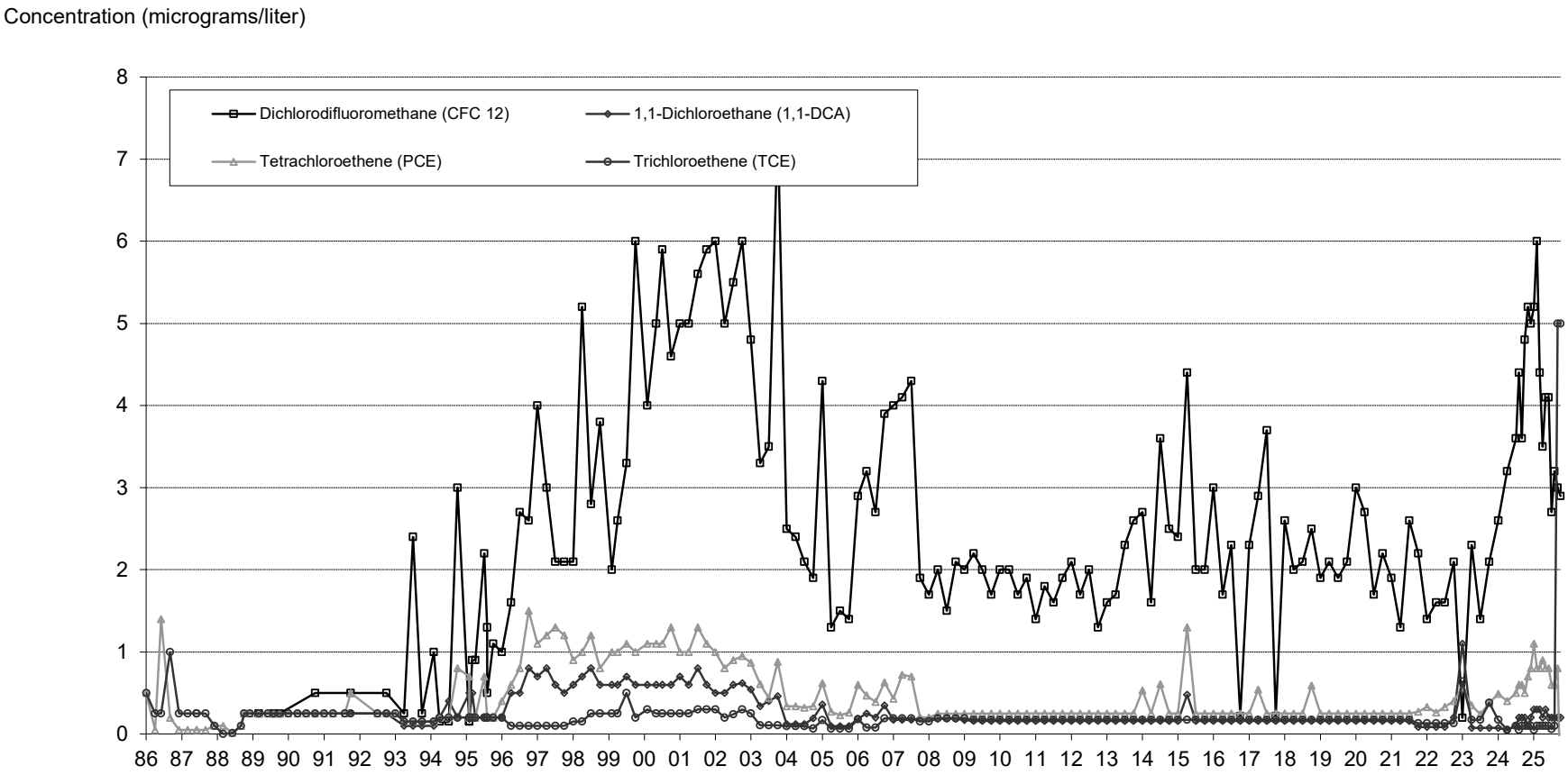


Figure E-13
Dichlorodifluoromethane (CFC 12)
Well DW-3
Time Series Plot

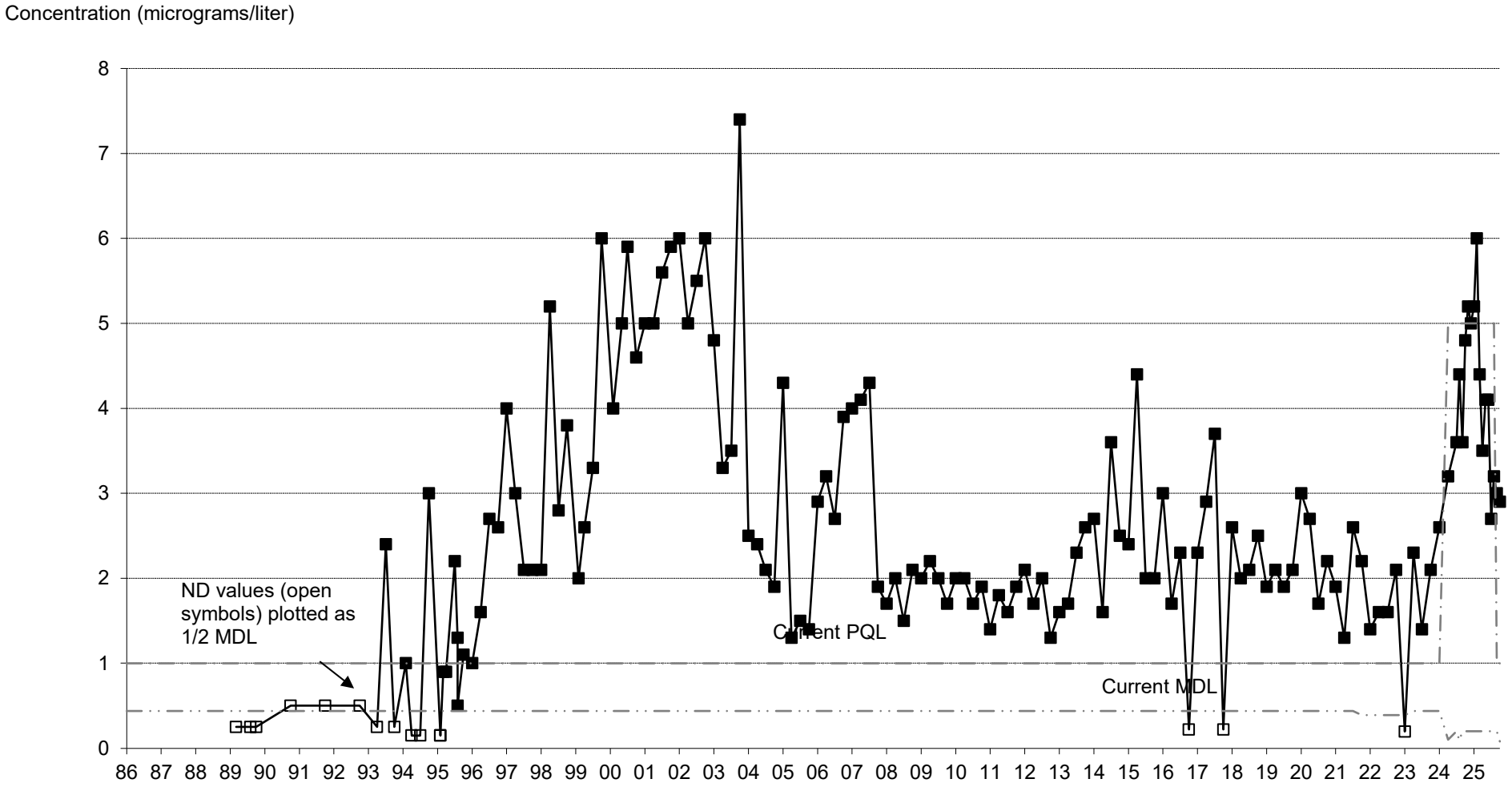


Figure E-14
1,1-Dichloroethane (1,1-DCA)
Well DW-3
Time Series Plot

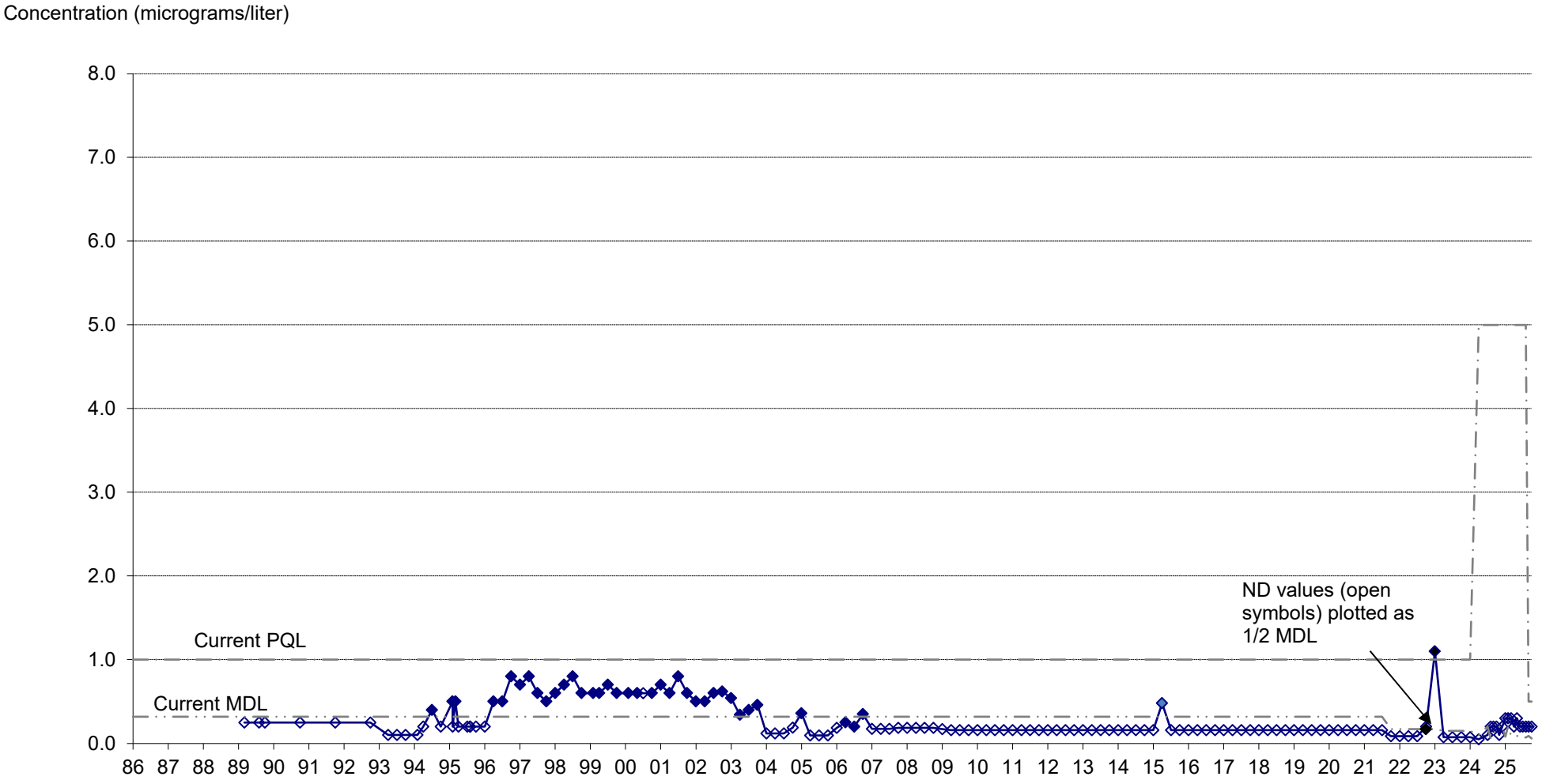


Figure E-15
Tetrachloroethene (PCE)
Well DW-3
Time Series Plot

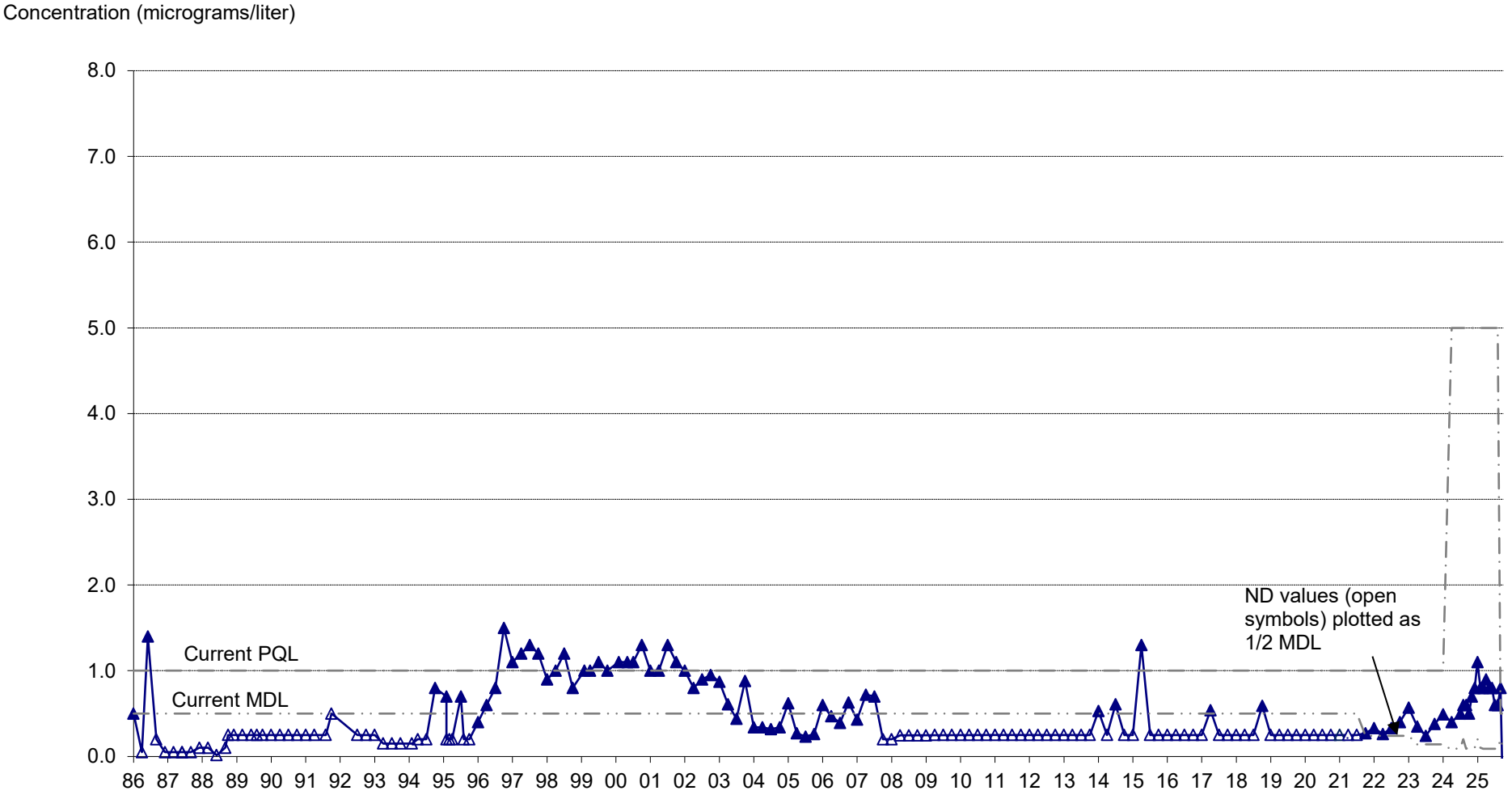
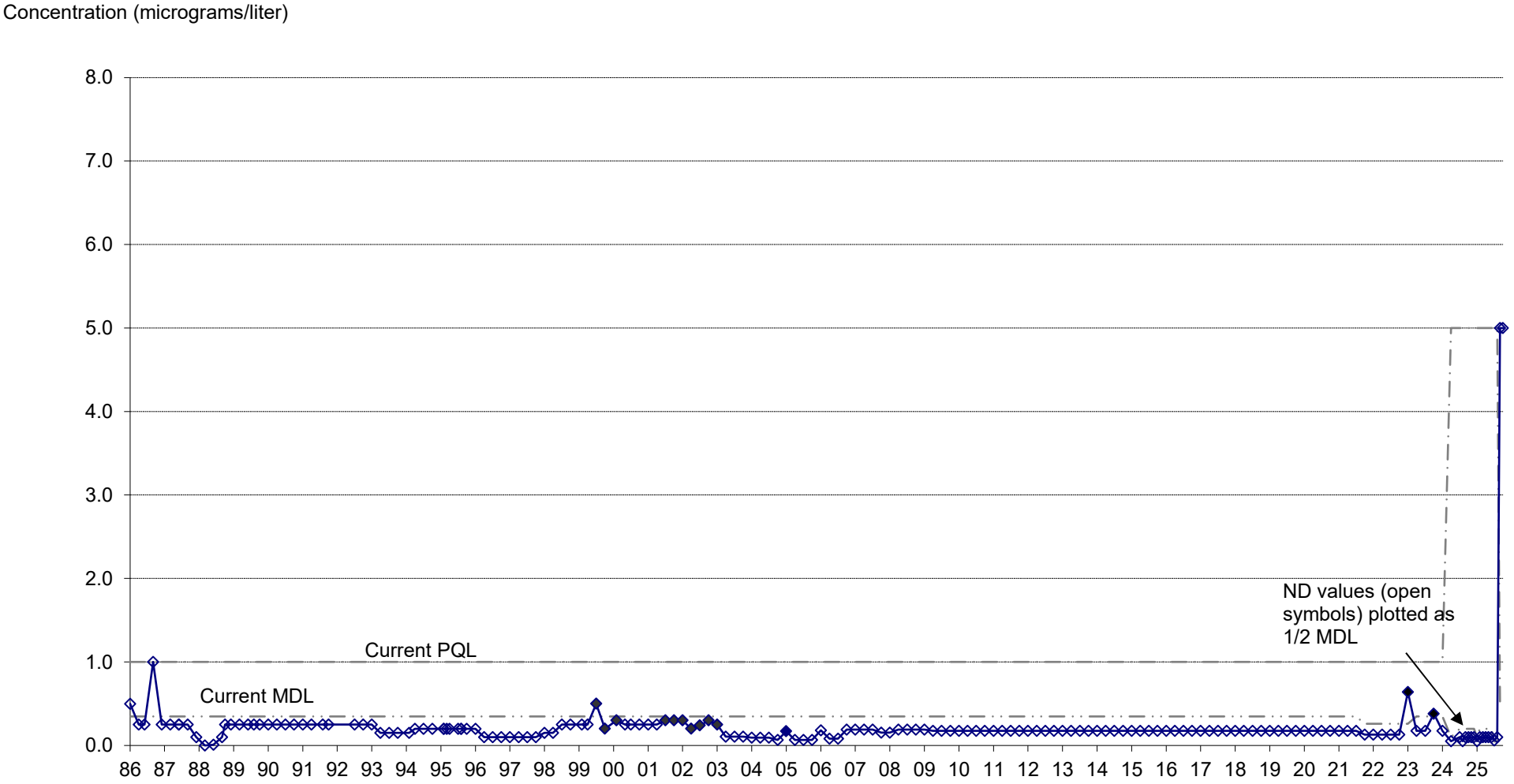


Figure E-16
Trichloroethene (TCE)
Well DW-3
Time Series Plot

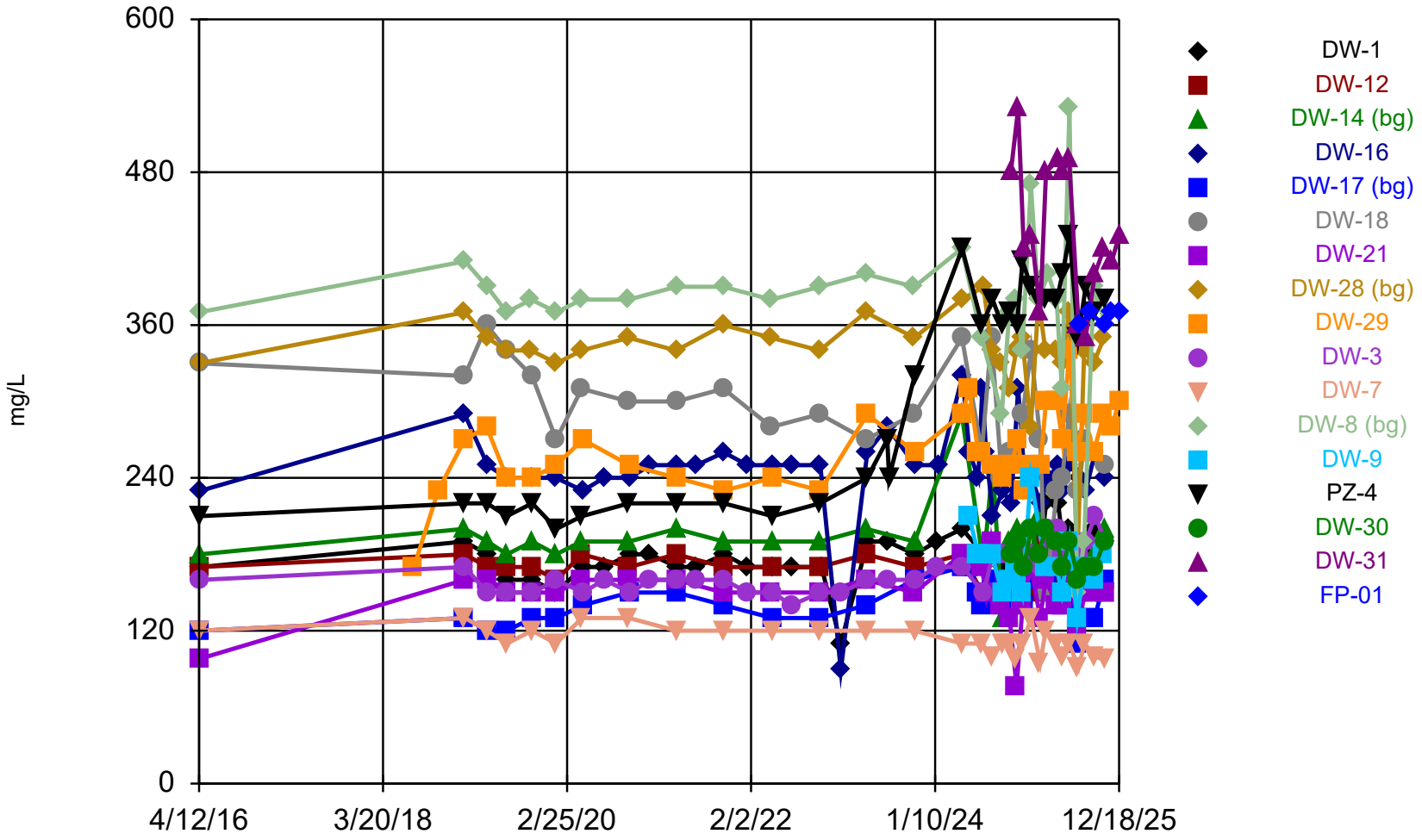


APPENDIX F

ANNUAL TIME SERIES PLOTS

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA

Time Series

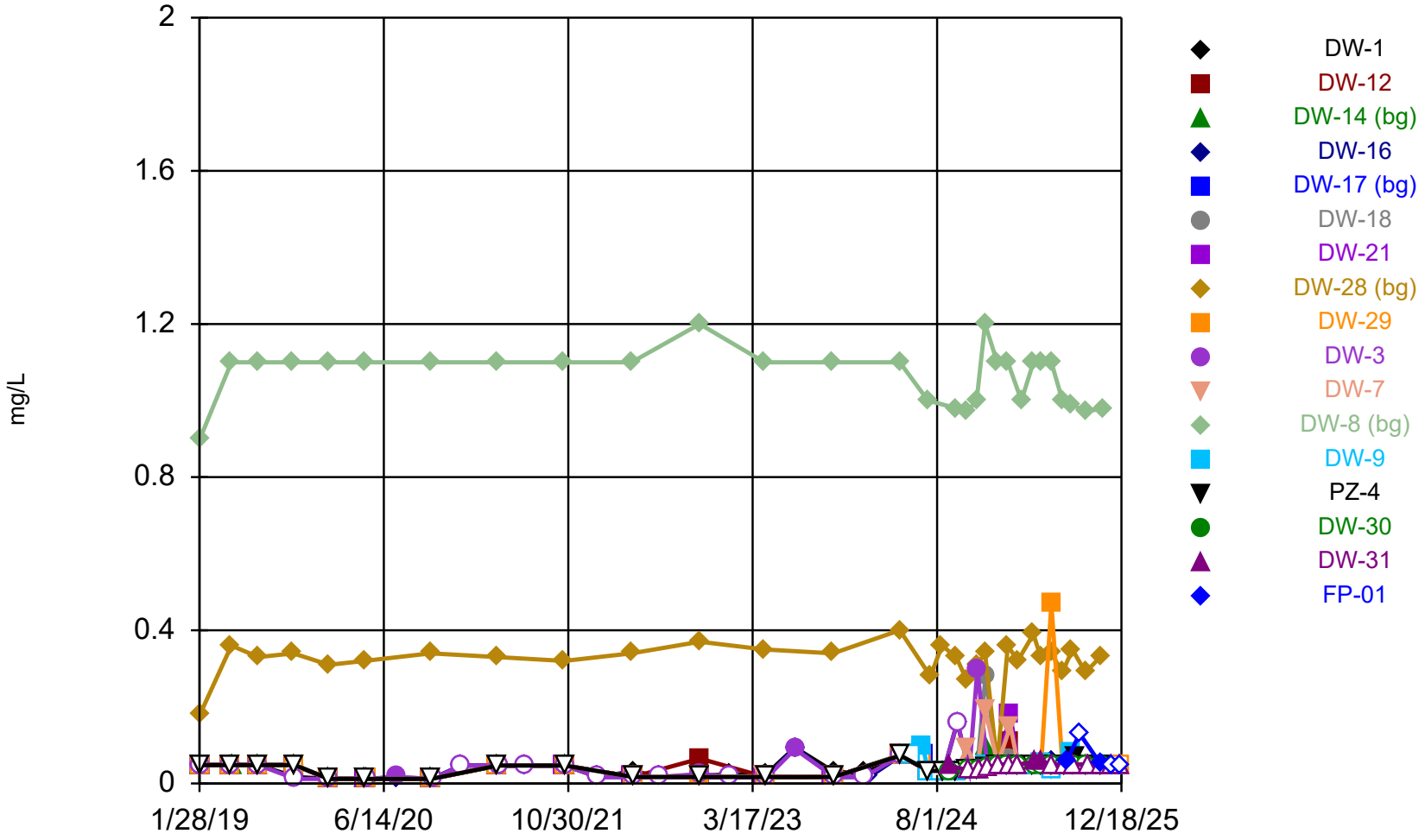


Constituent: Alkalinity, Total as CaCO3 Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

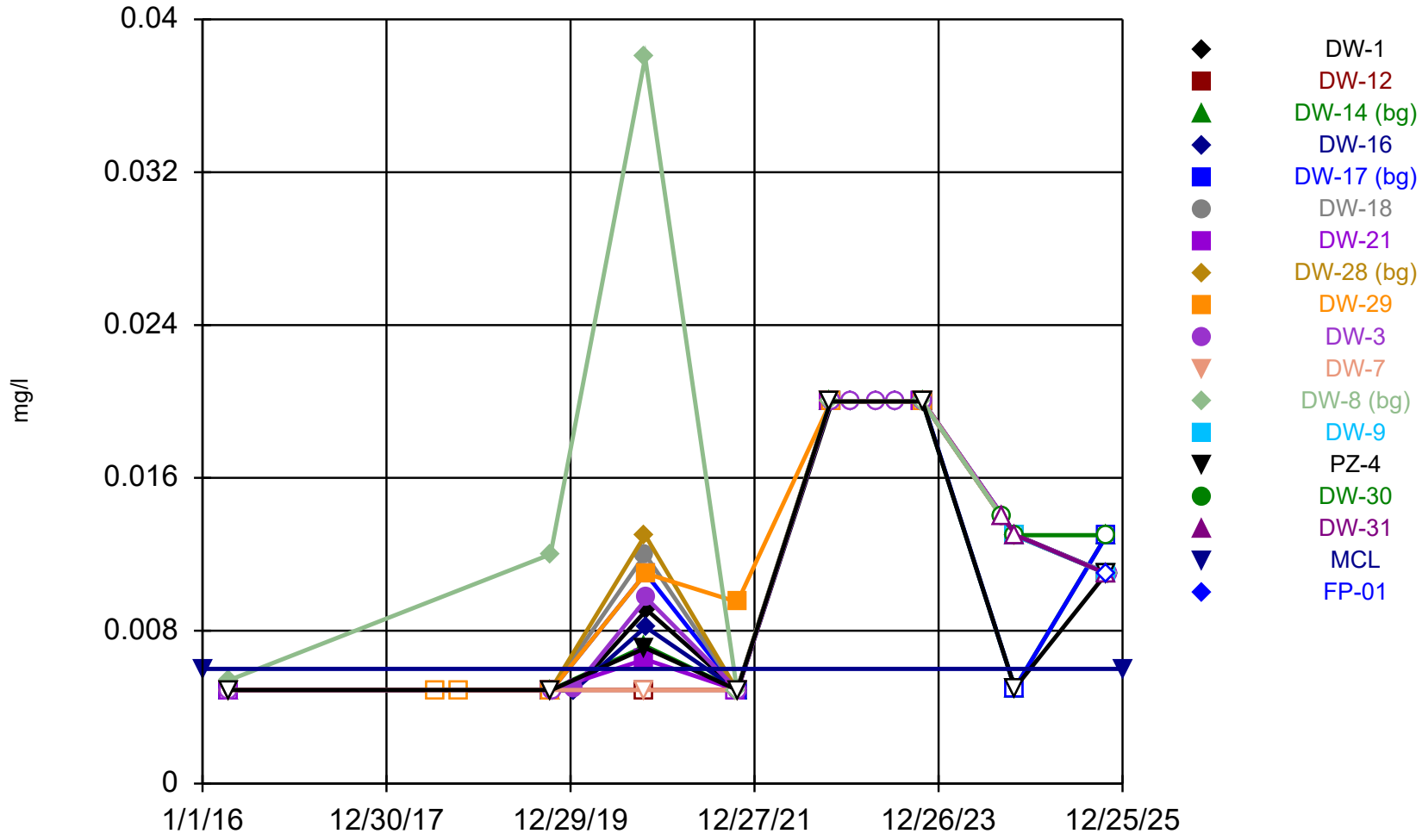


Constituent: Ammonia-N Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

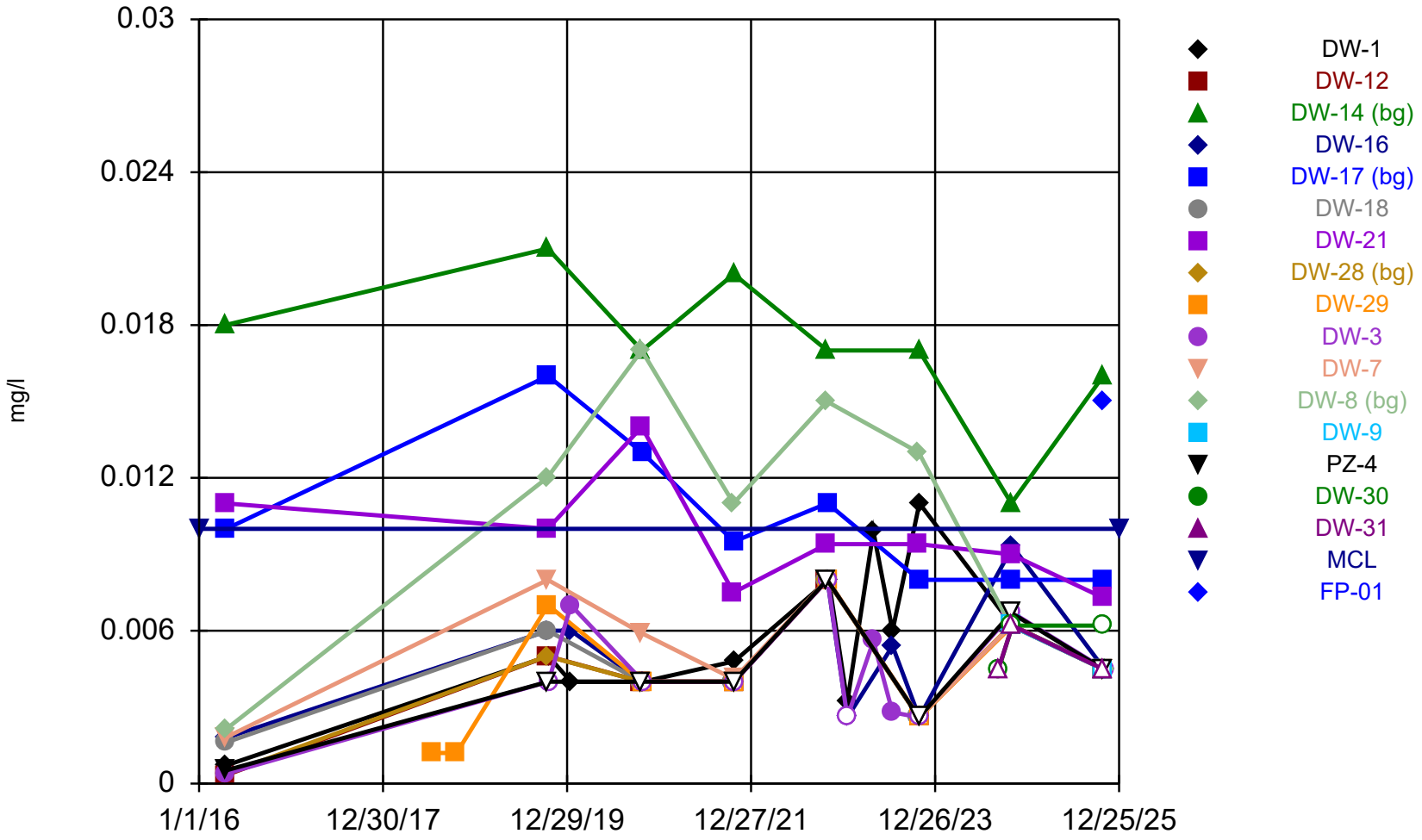


Constituent: Antimony, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

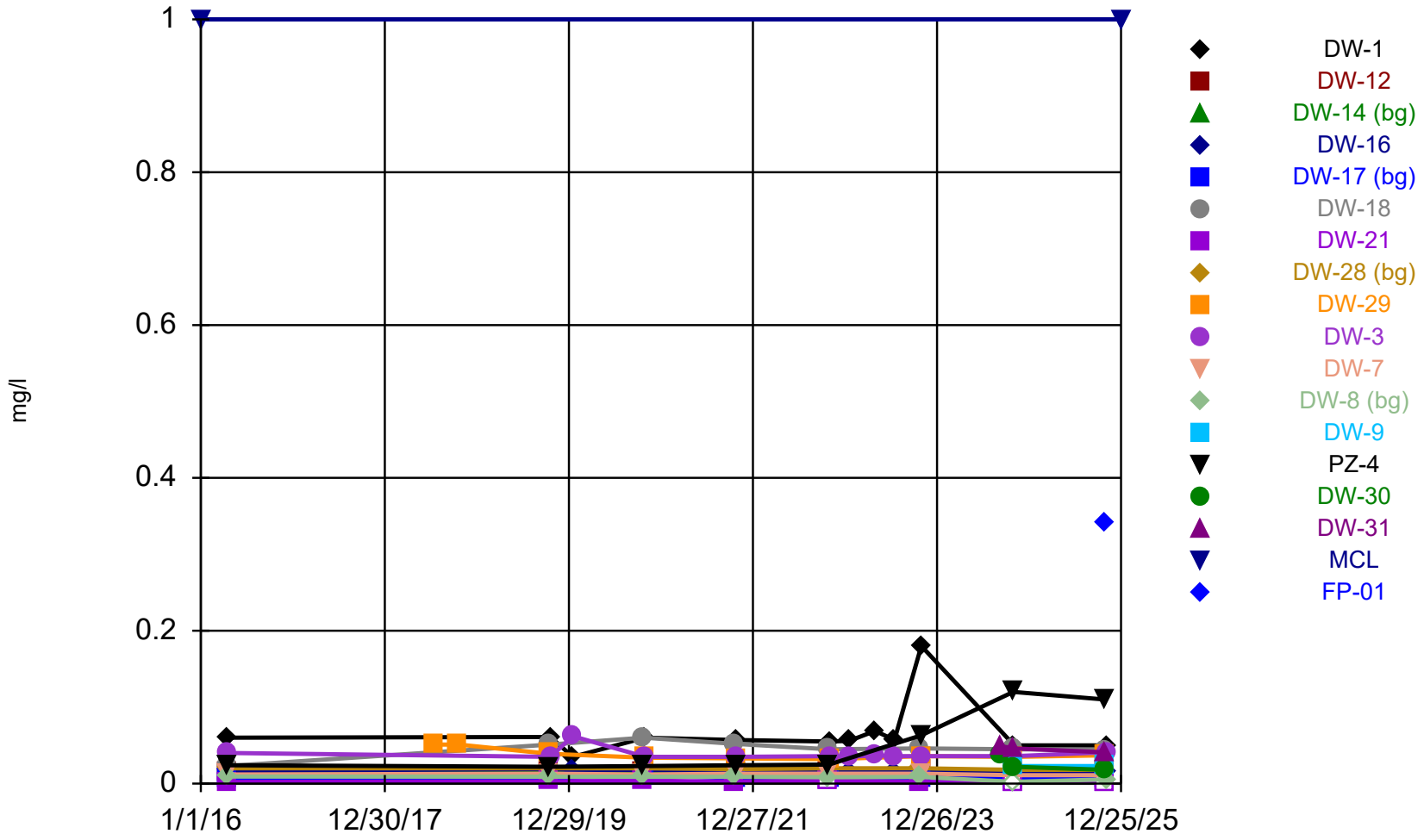


Constituent: Arsenic, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

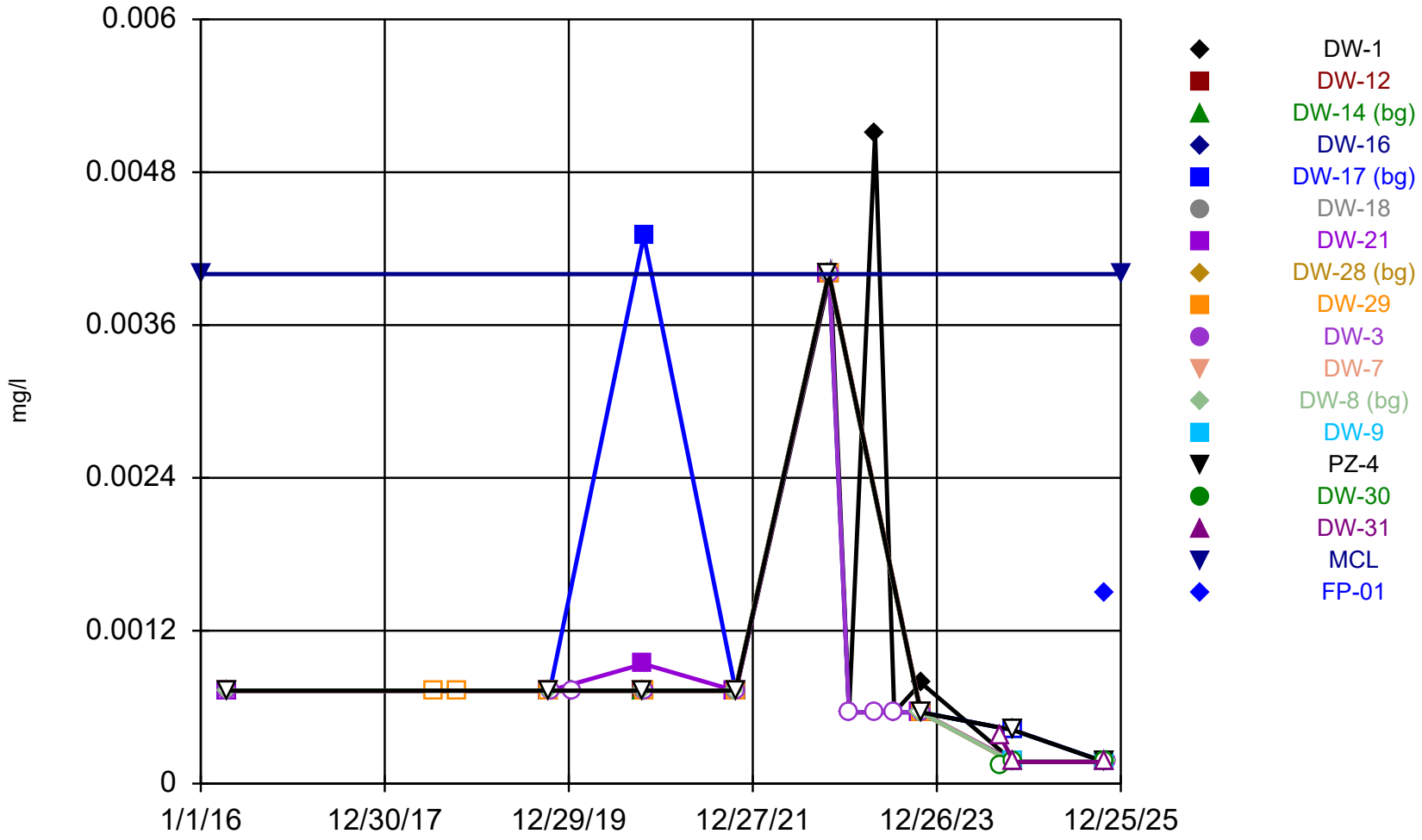


Constituent: Barium, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Time Series

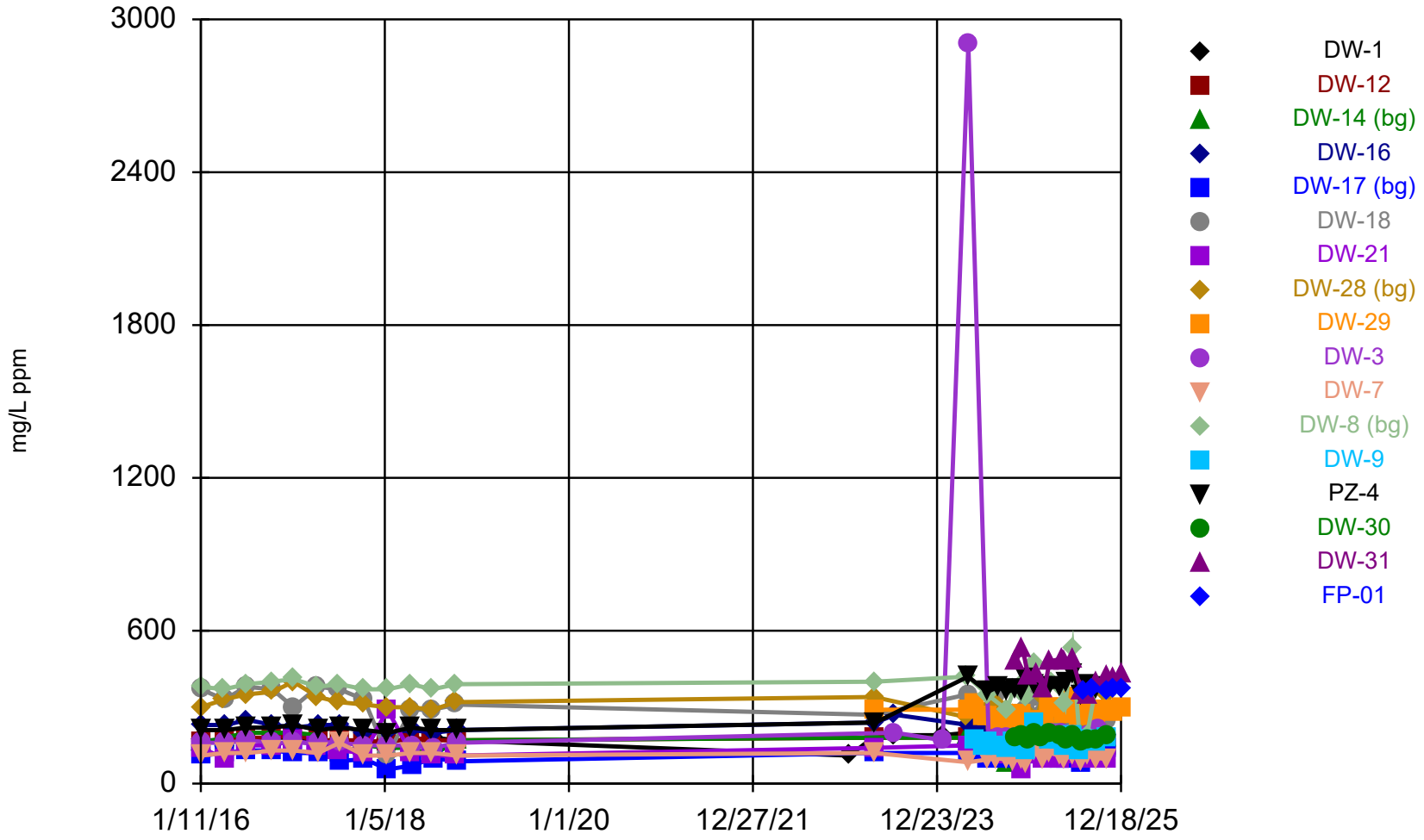


Constituent: Beryllium, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Time Series

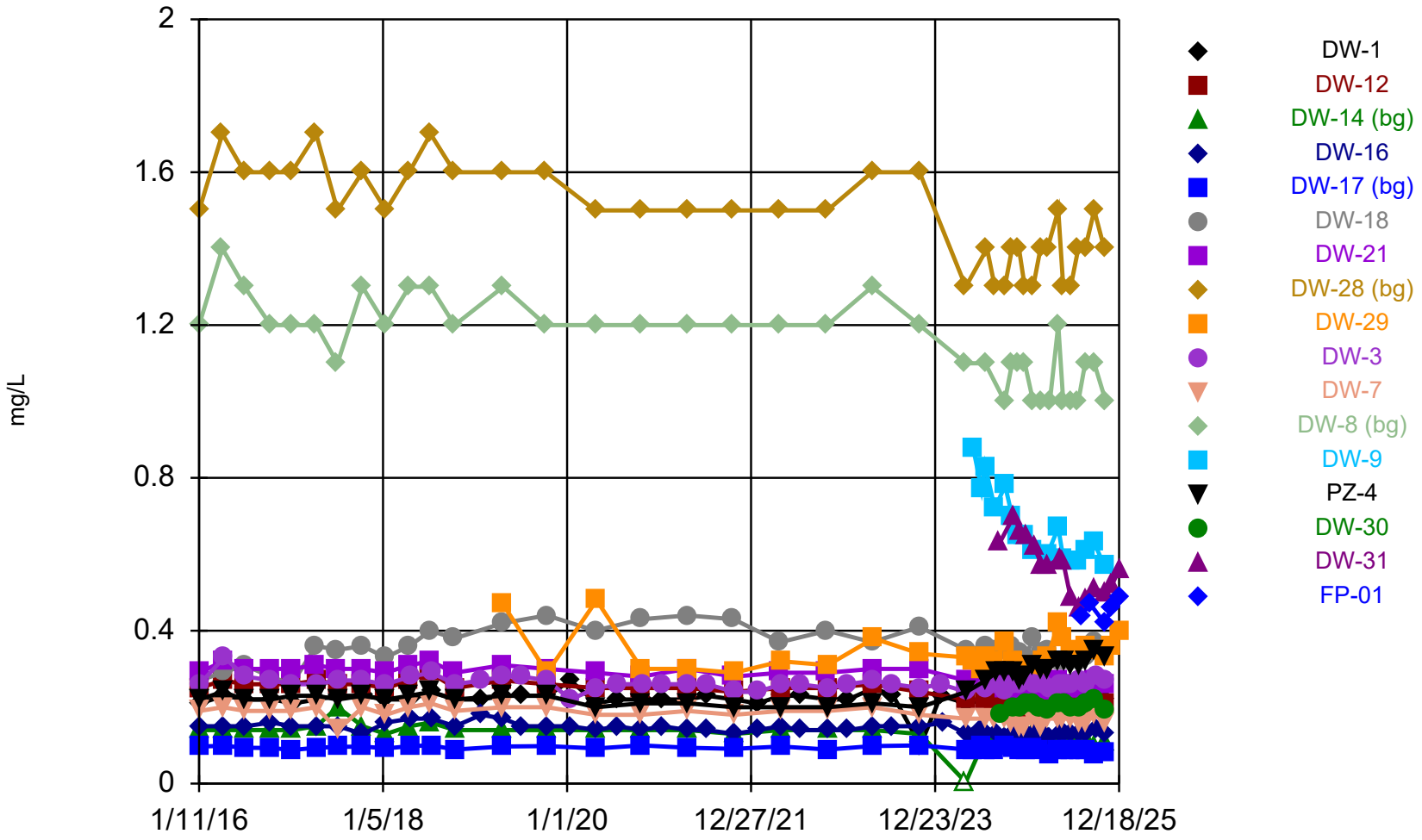


Constituent: Bicarbonate as CaCO3 Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Time Series

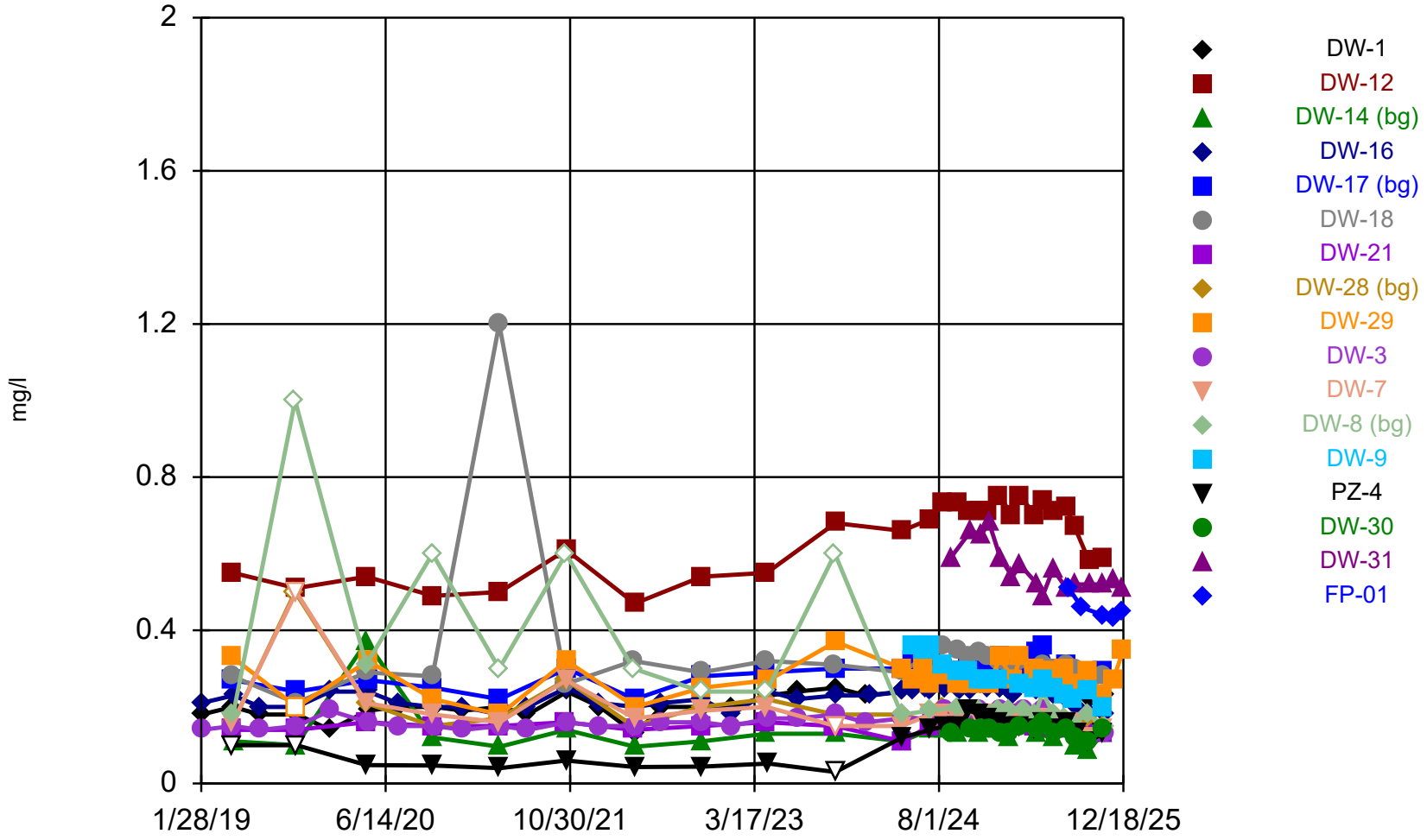


Constituent: Boron Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Time Series

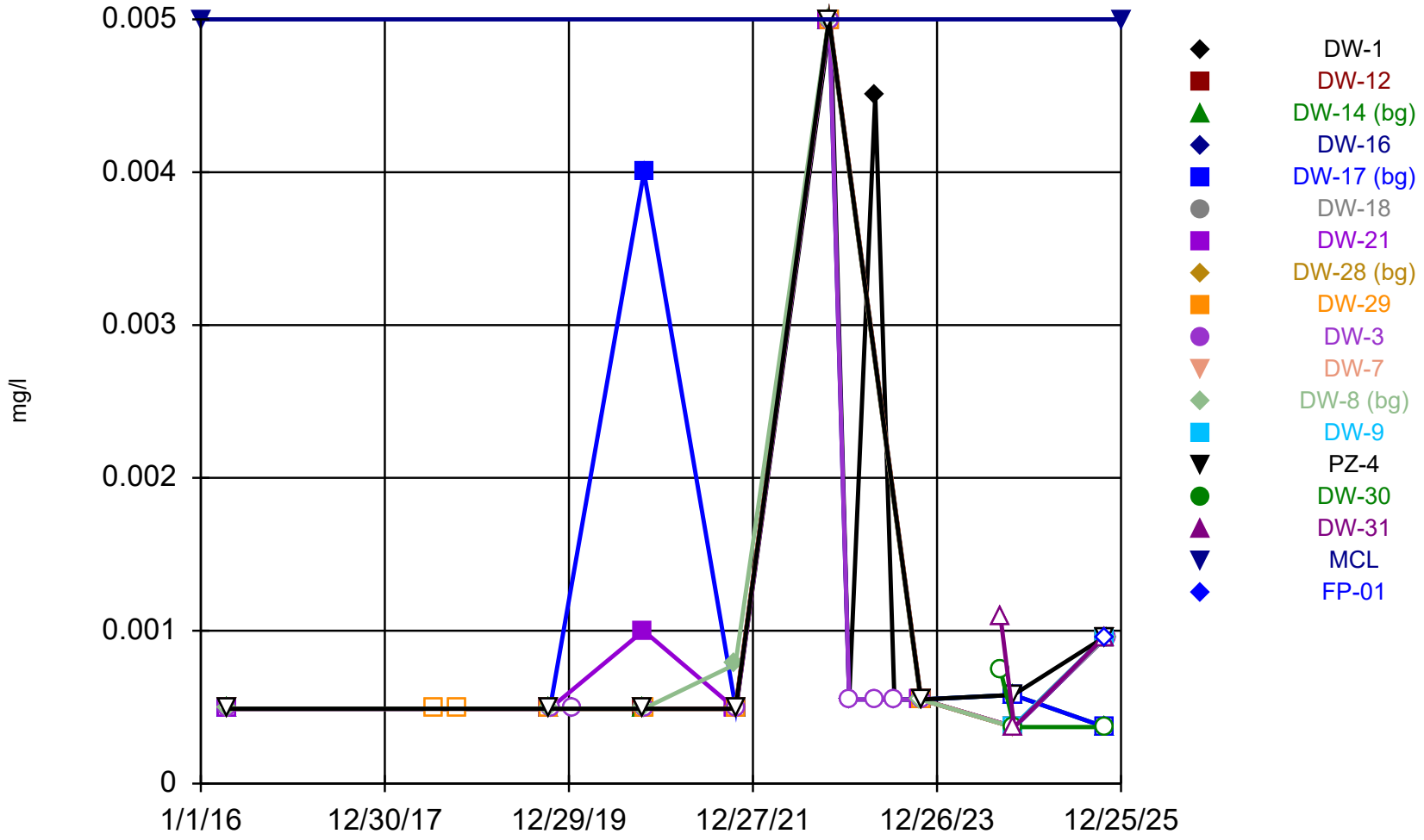


Constituent: Bromide Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Time Series

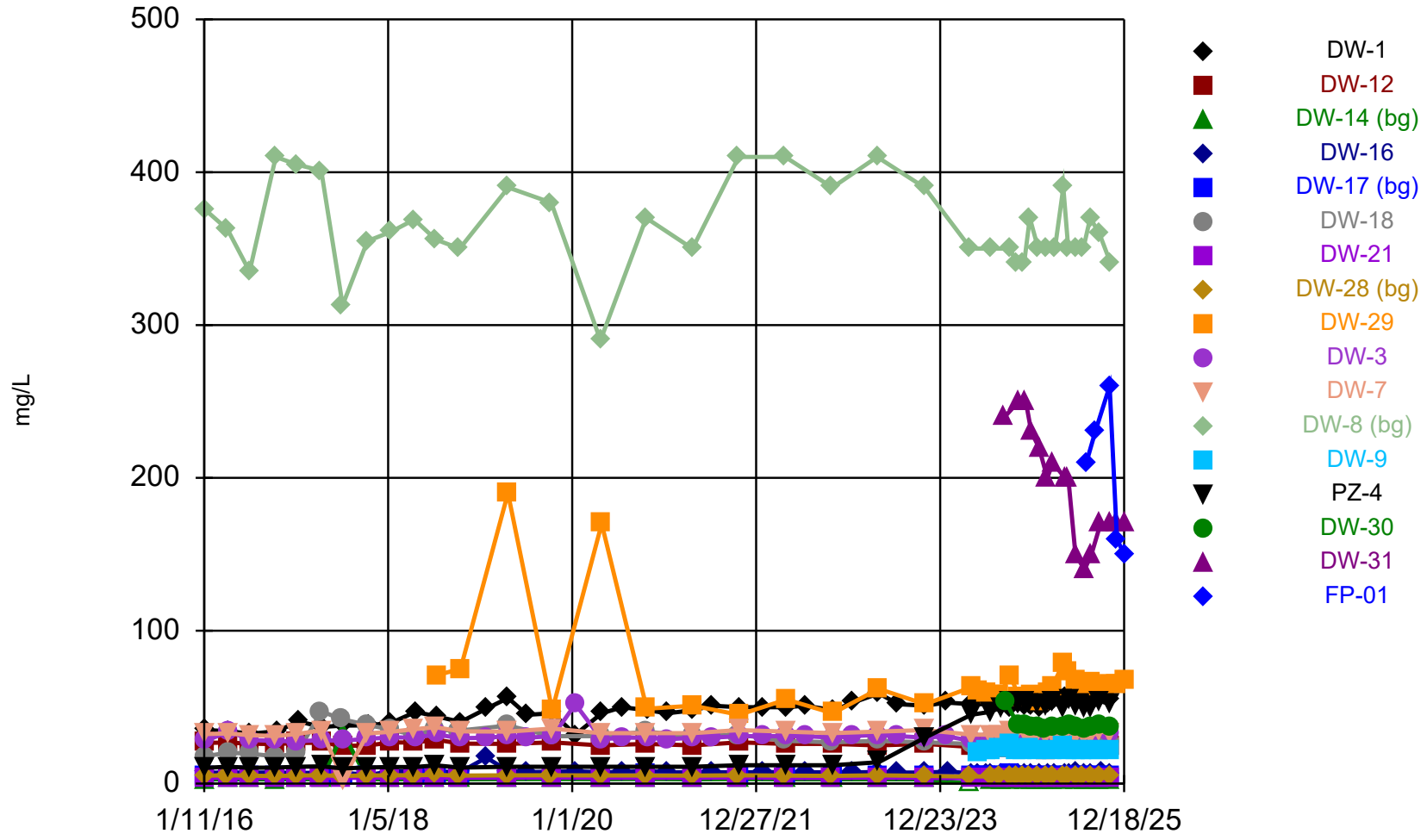


Constituent: Cadmium, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

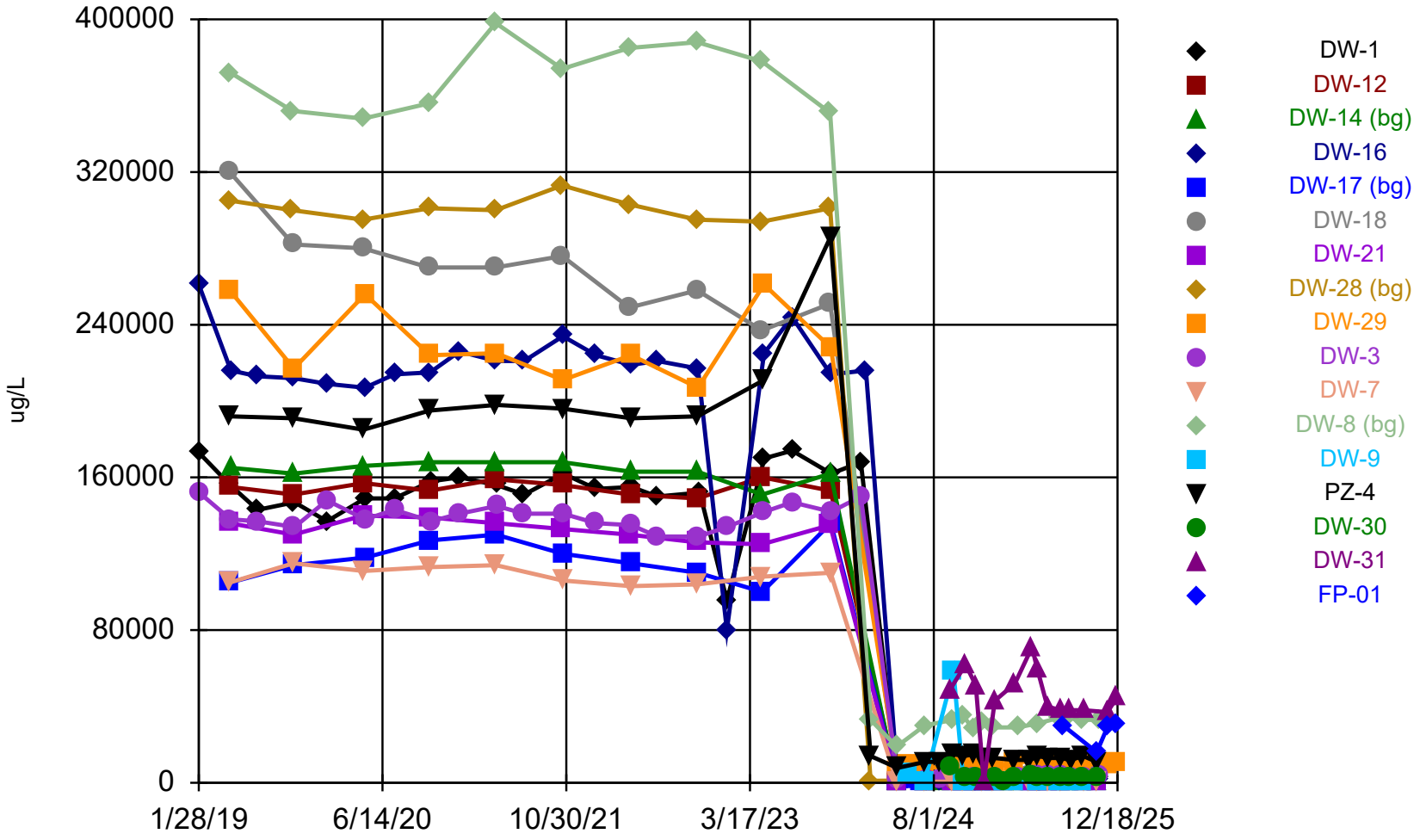


Constituent: Calcium Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA

Time Series

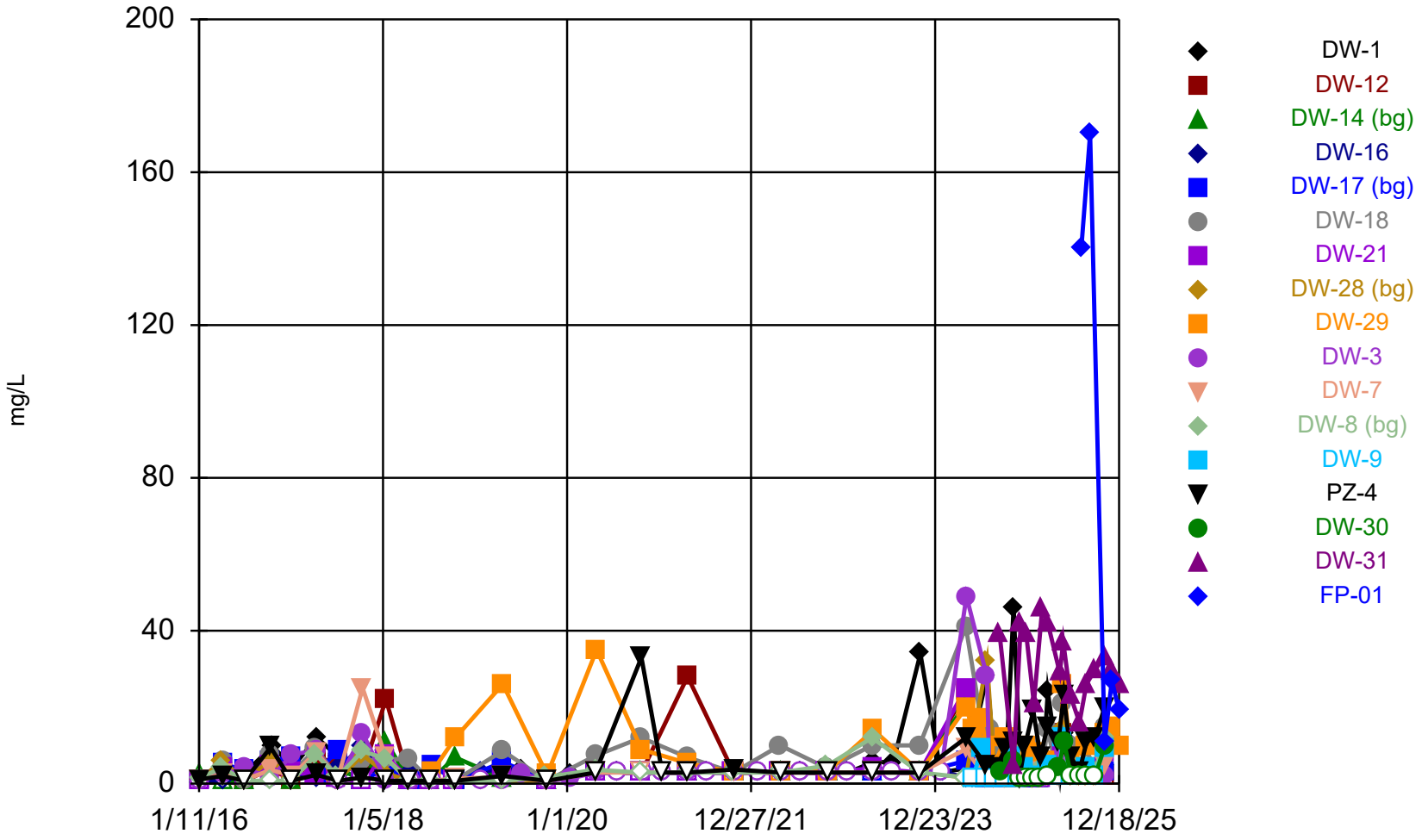


Constituent: Carbon Dioxide Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

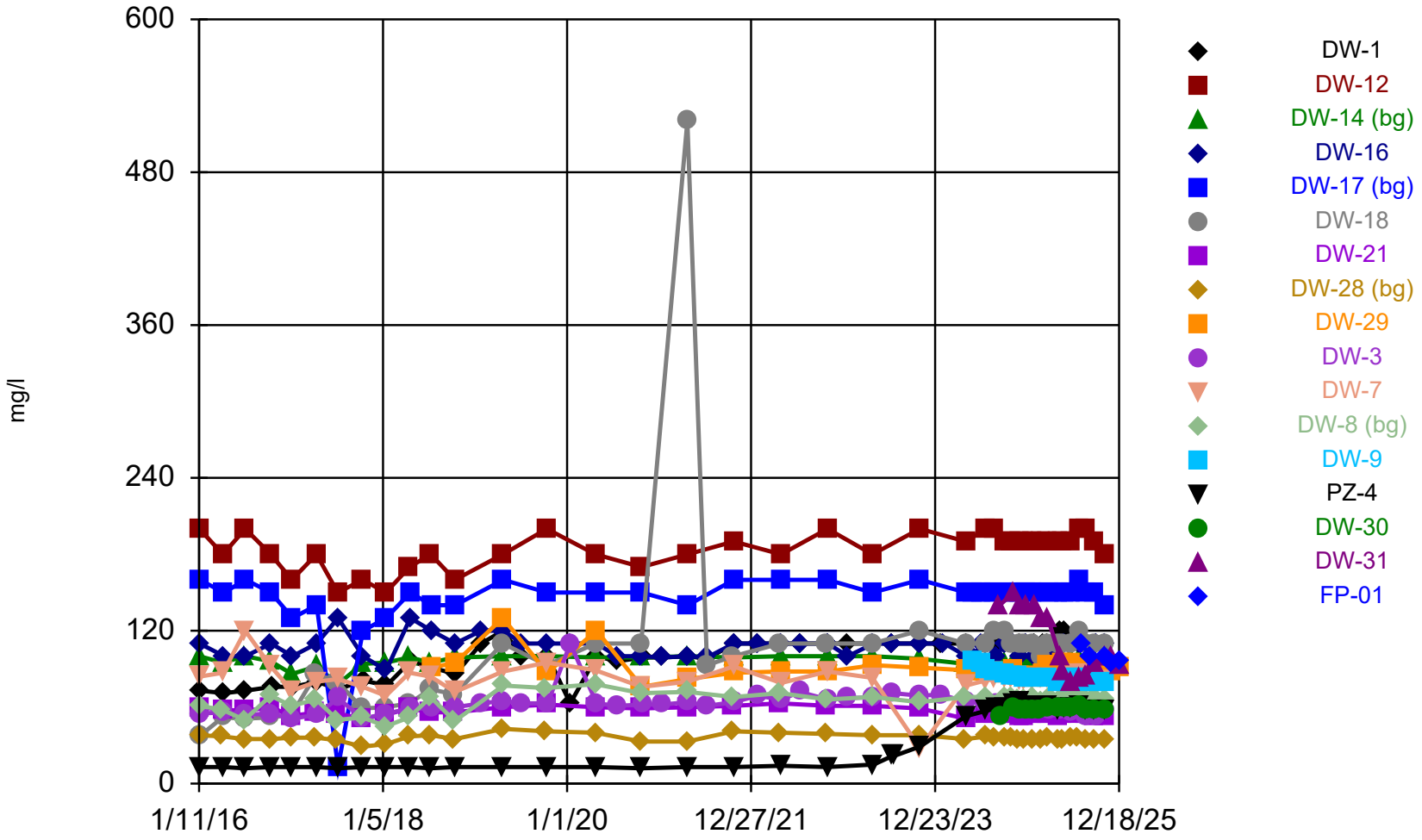


Constituent: Chemical Oxygen Demand Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Time Series

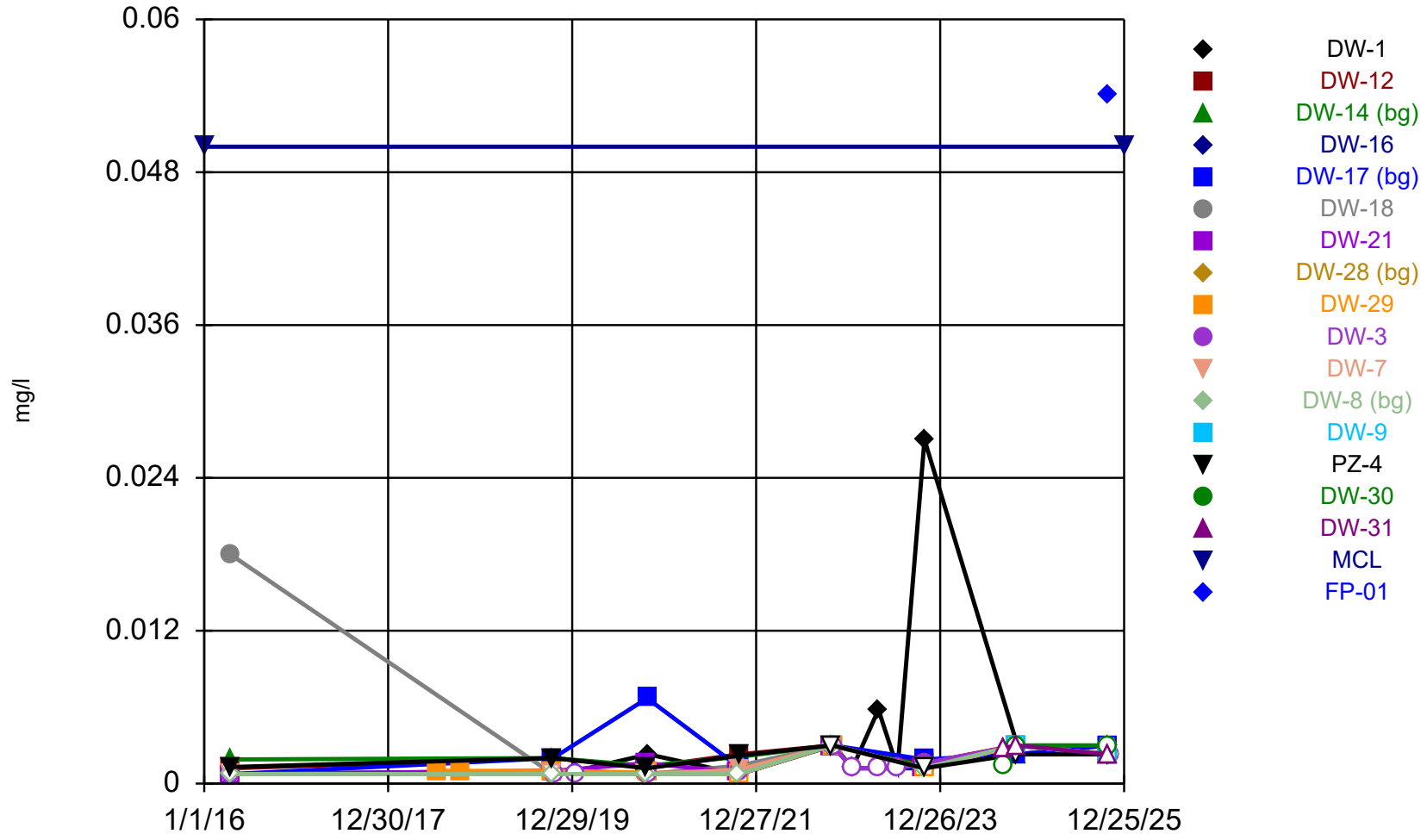


Constituent: Chloride Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Time Series

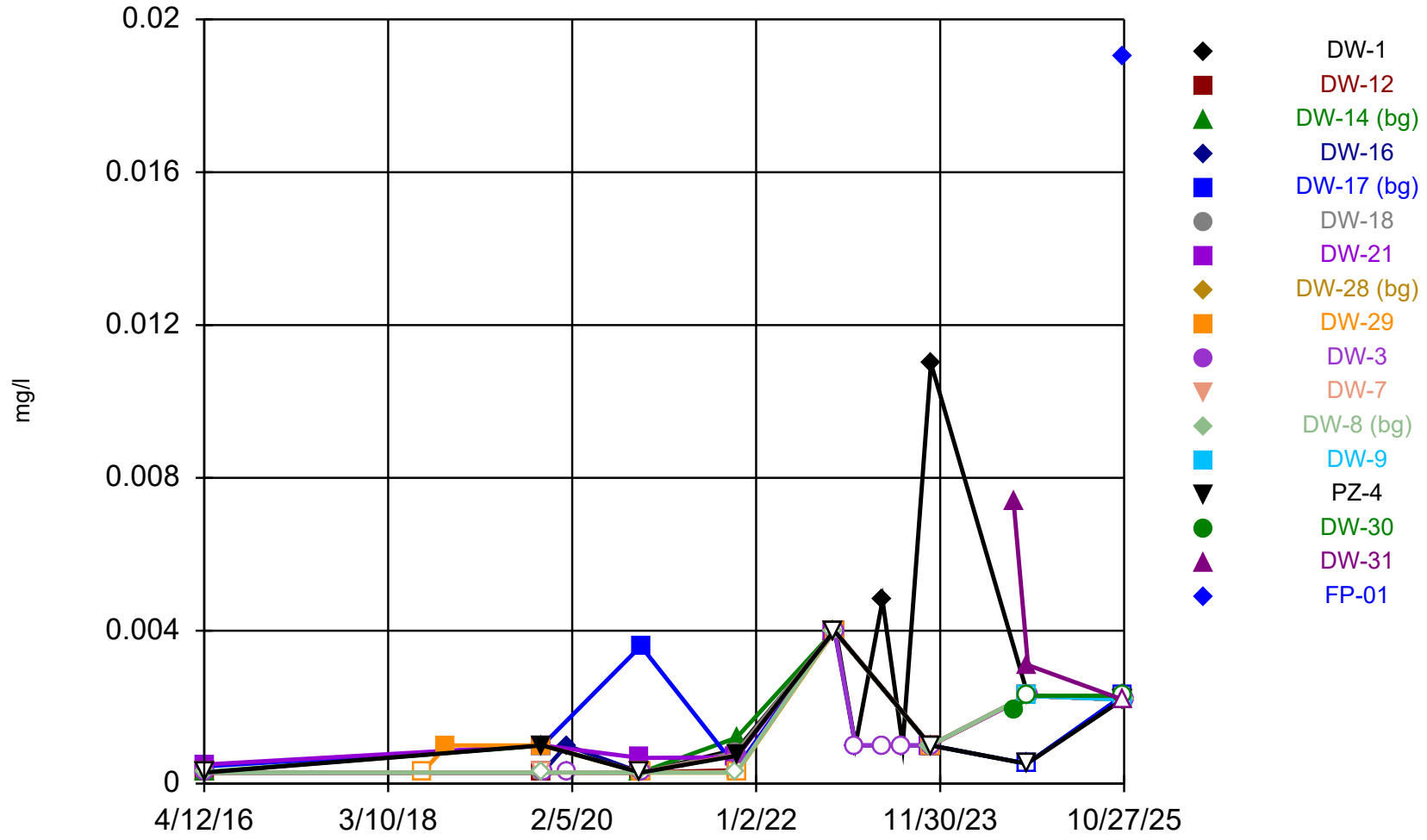


Constituent: Chromium, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

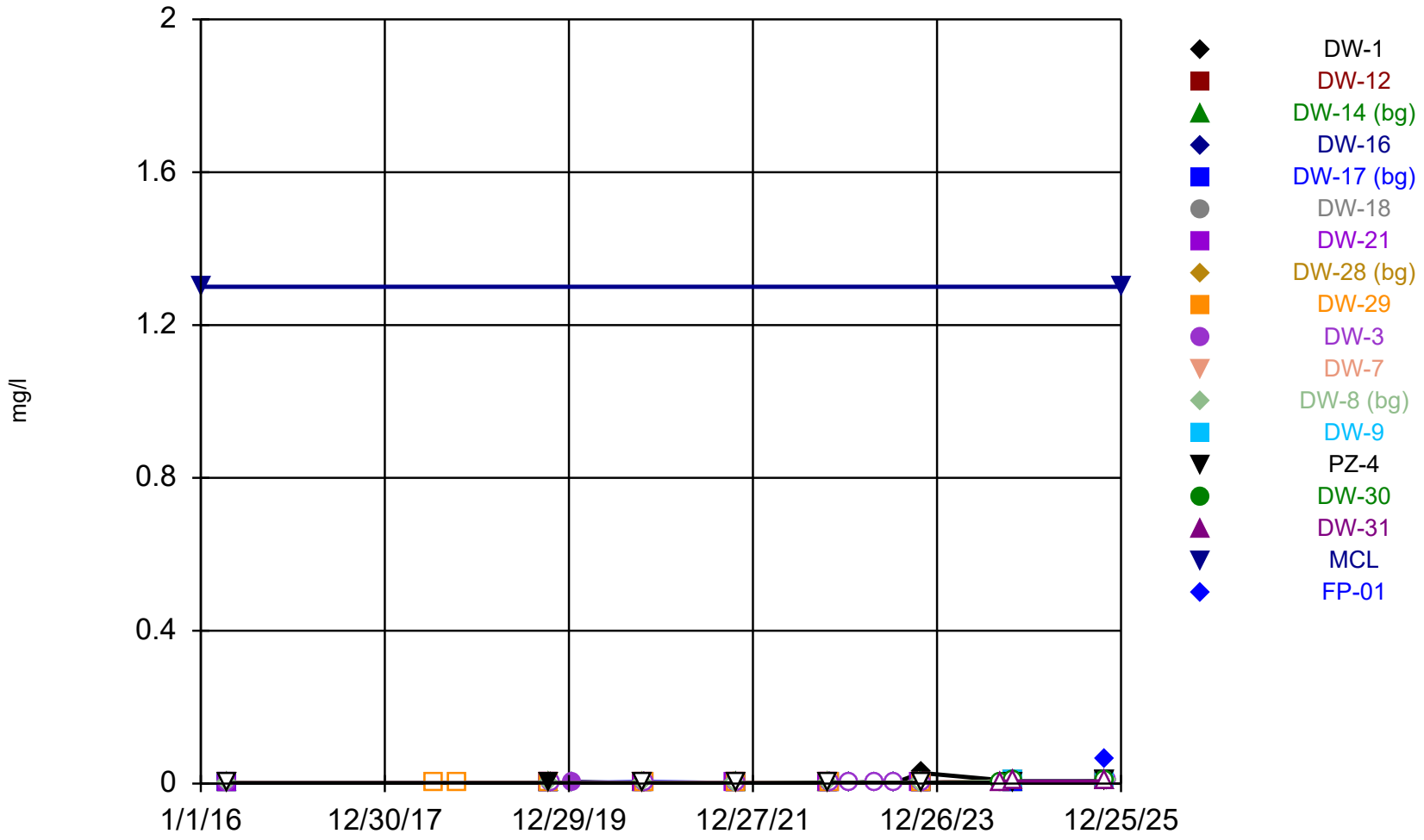


Constituent: Cobalt, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

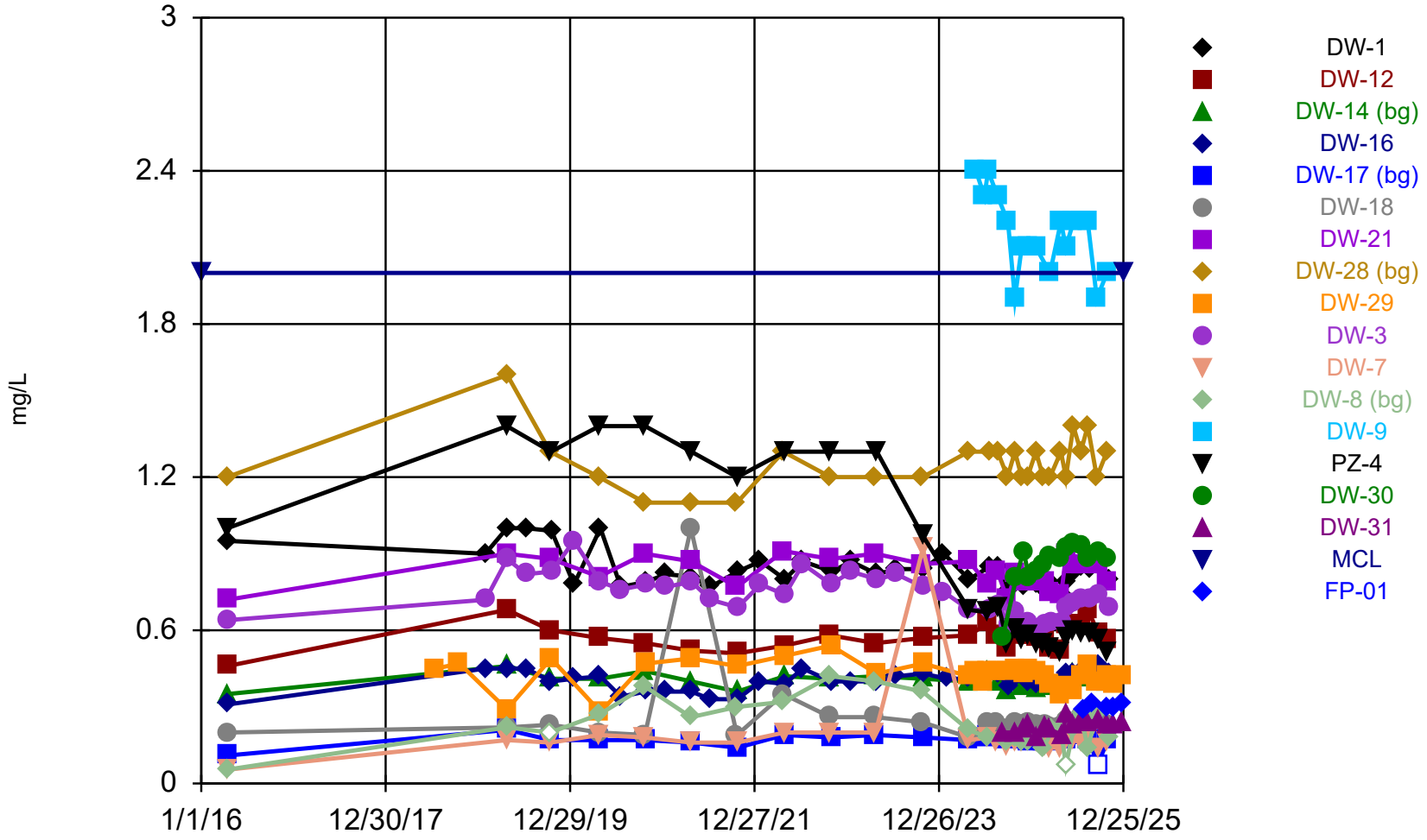


Constituent: Copper, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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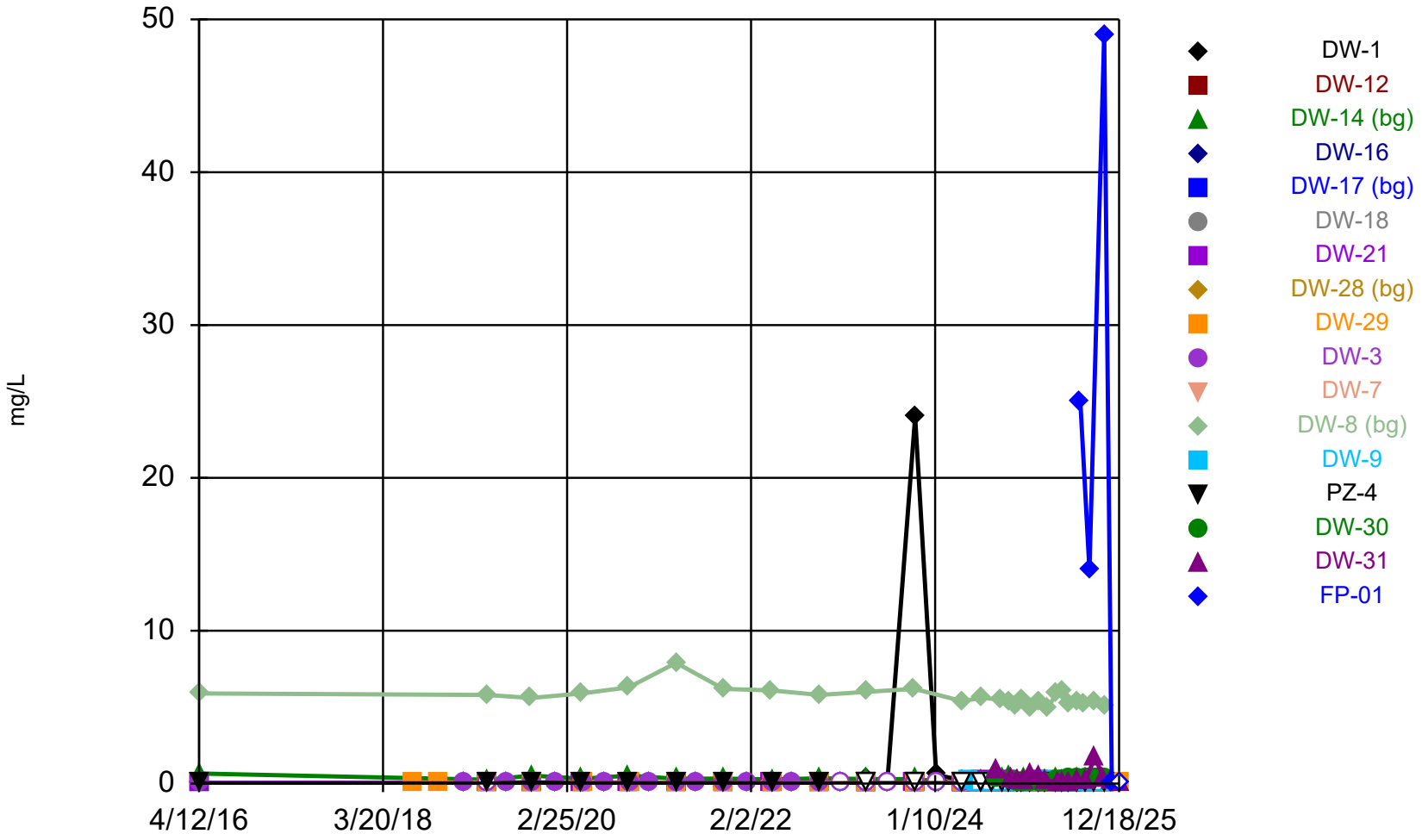


Constituent: Fluoride Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

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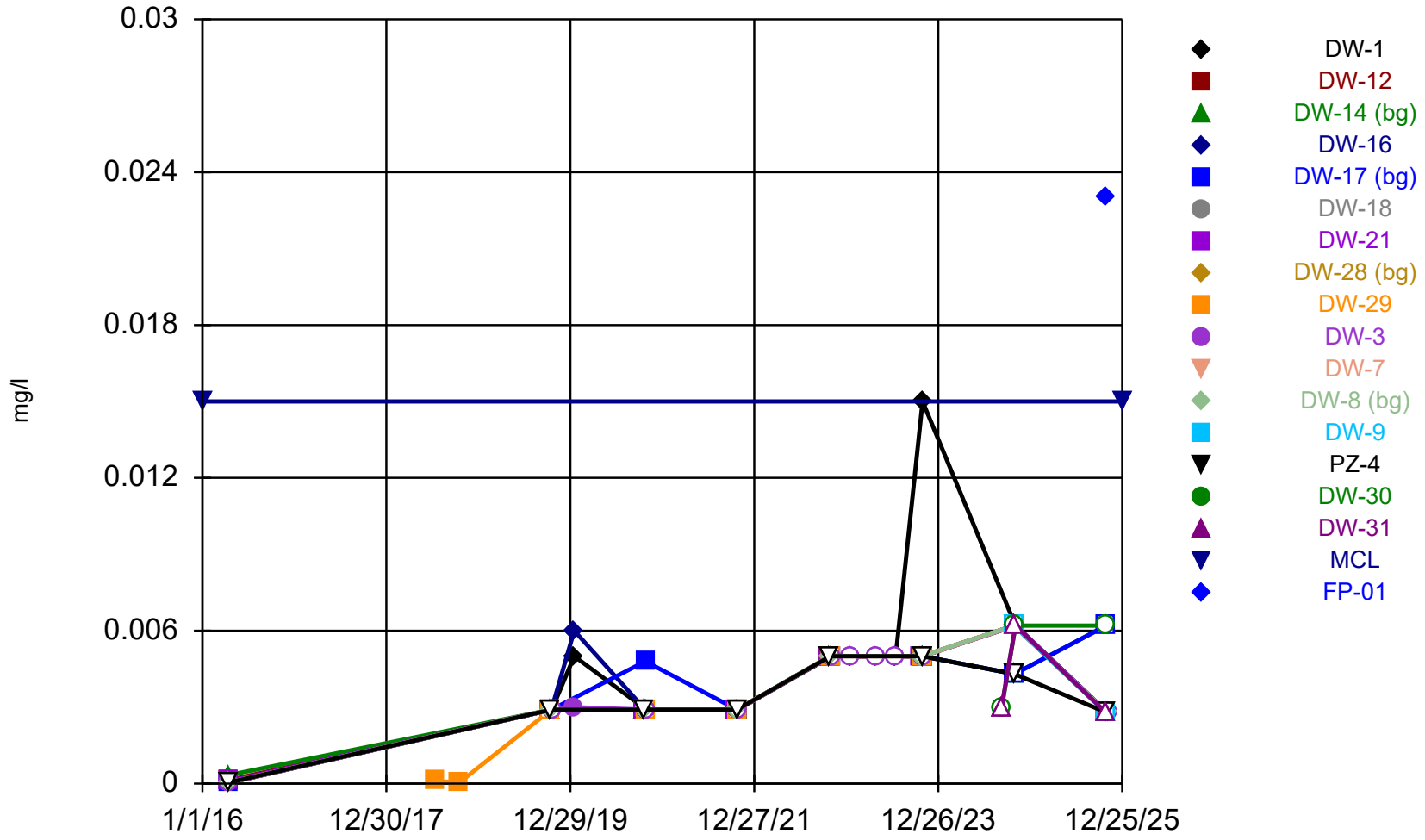


Constituent: Iron Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

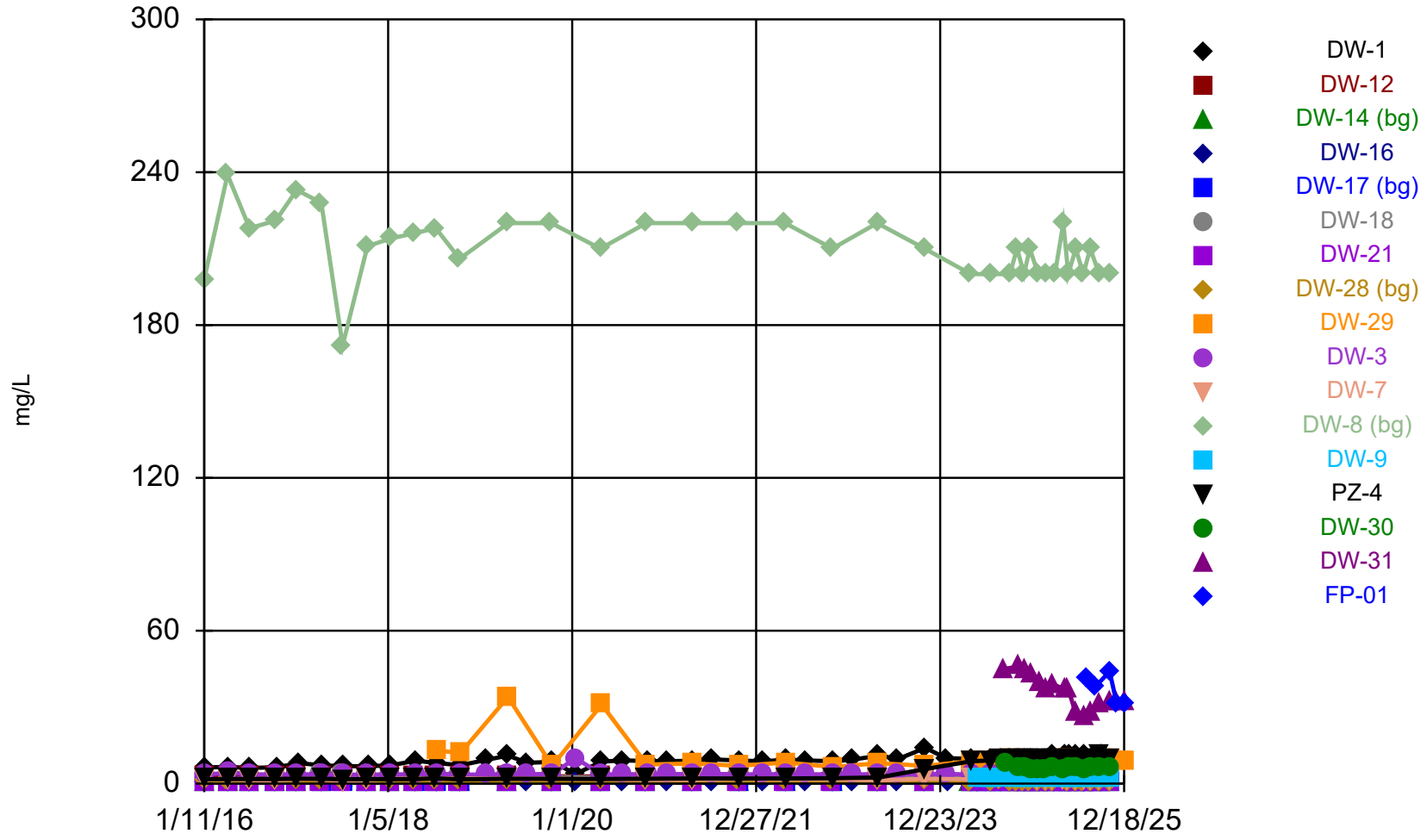


Constituent: Lead, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

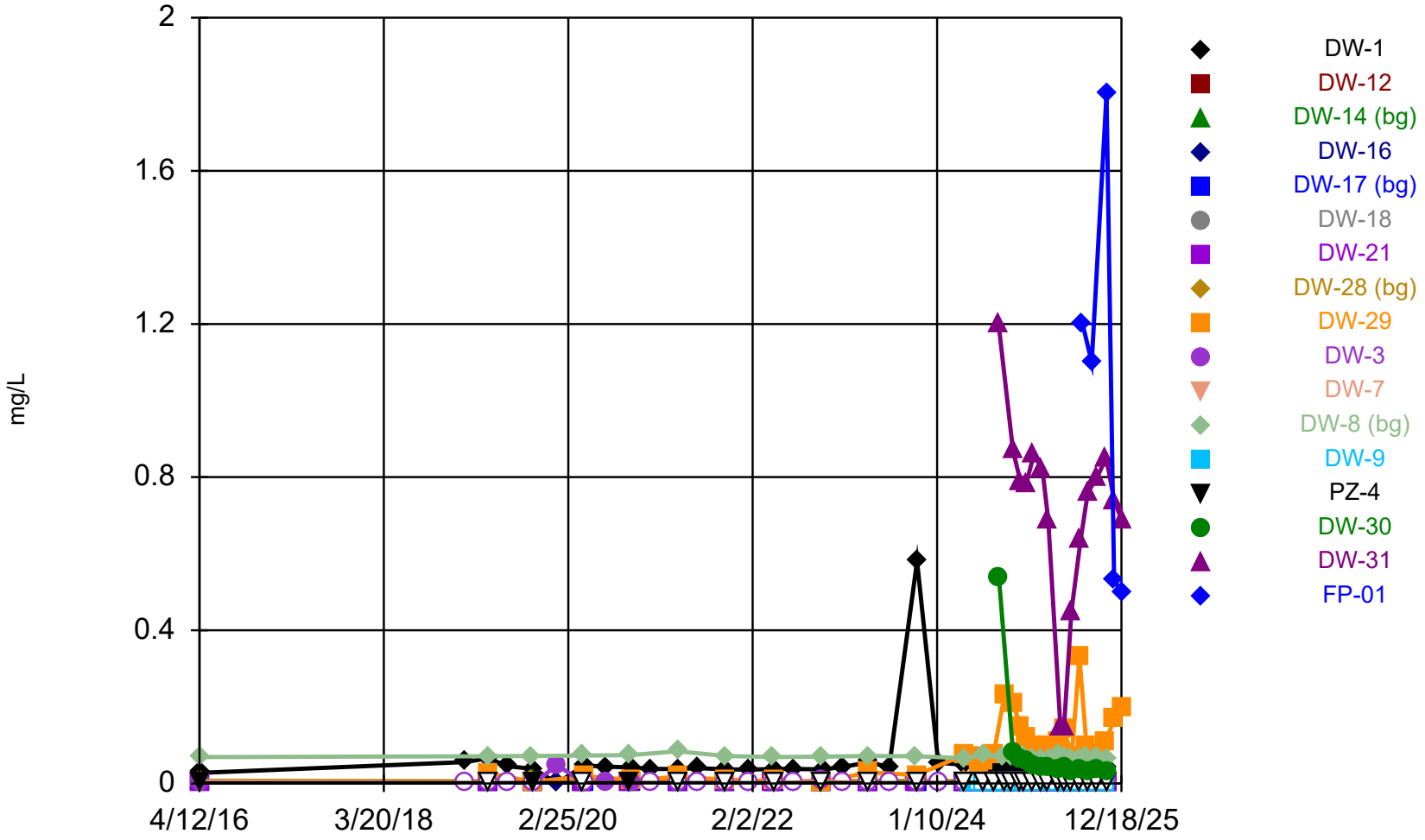


Constituent: Magnesium Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

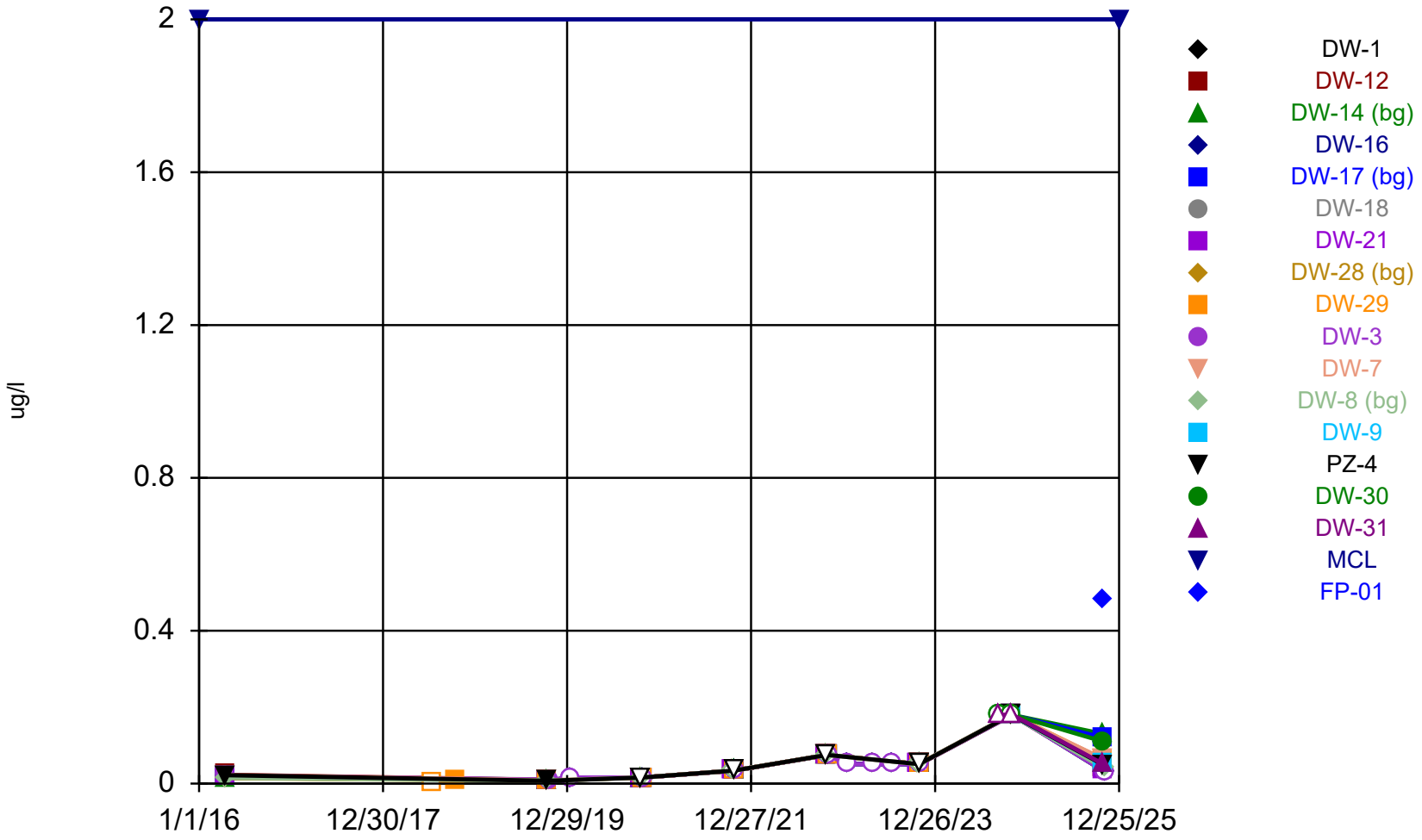


Constituent: Manganese Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

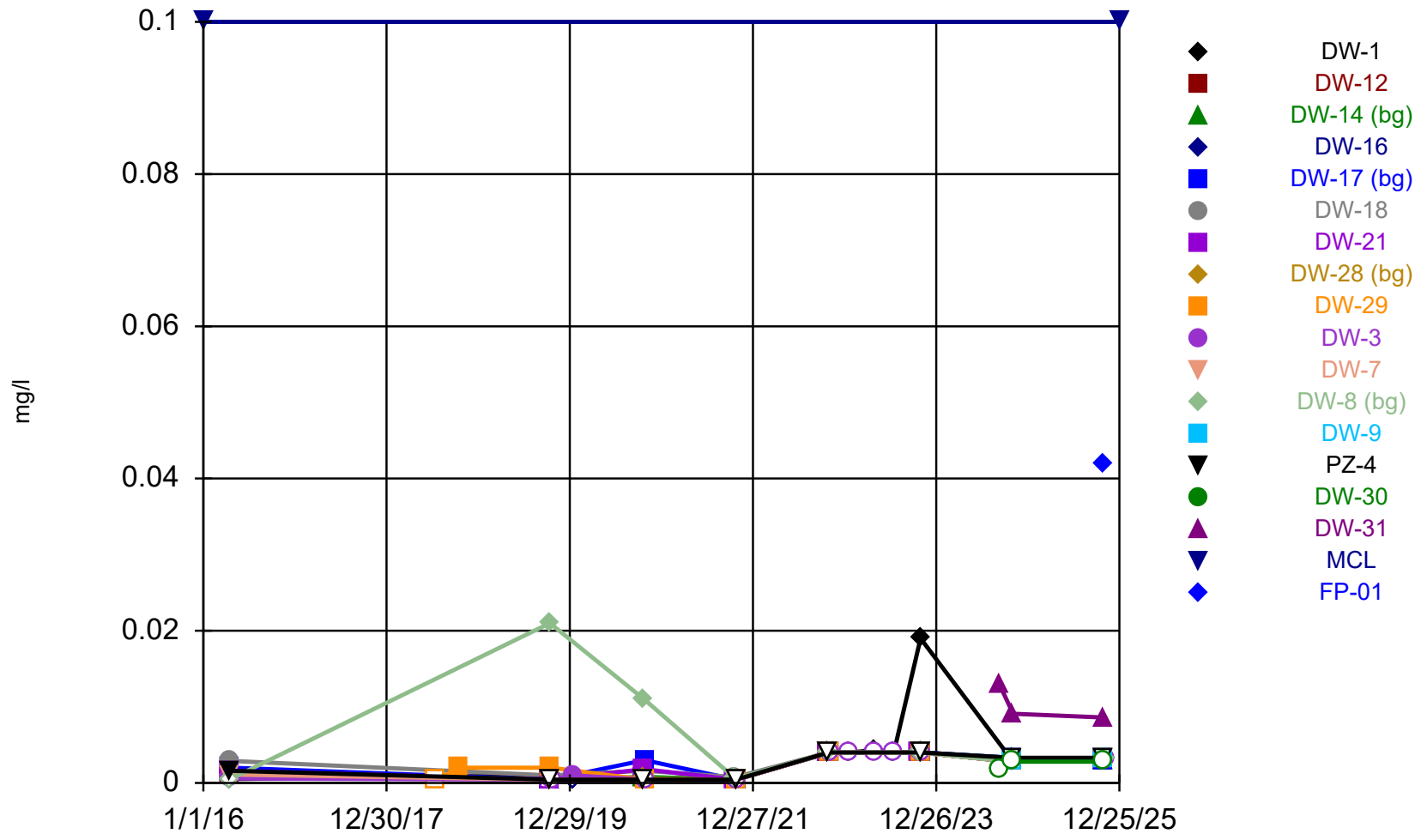


Constituent: Mercury, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

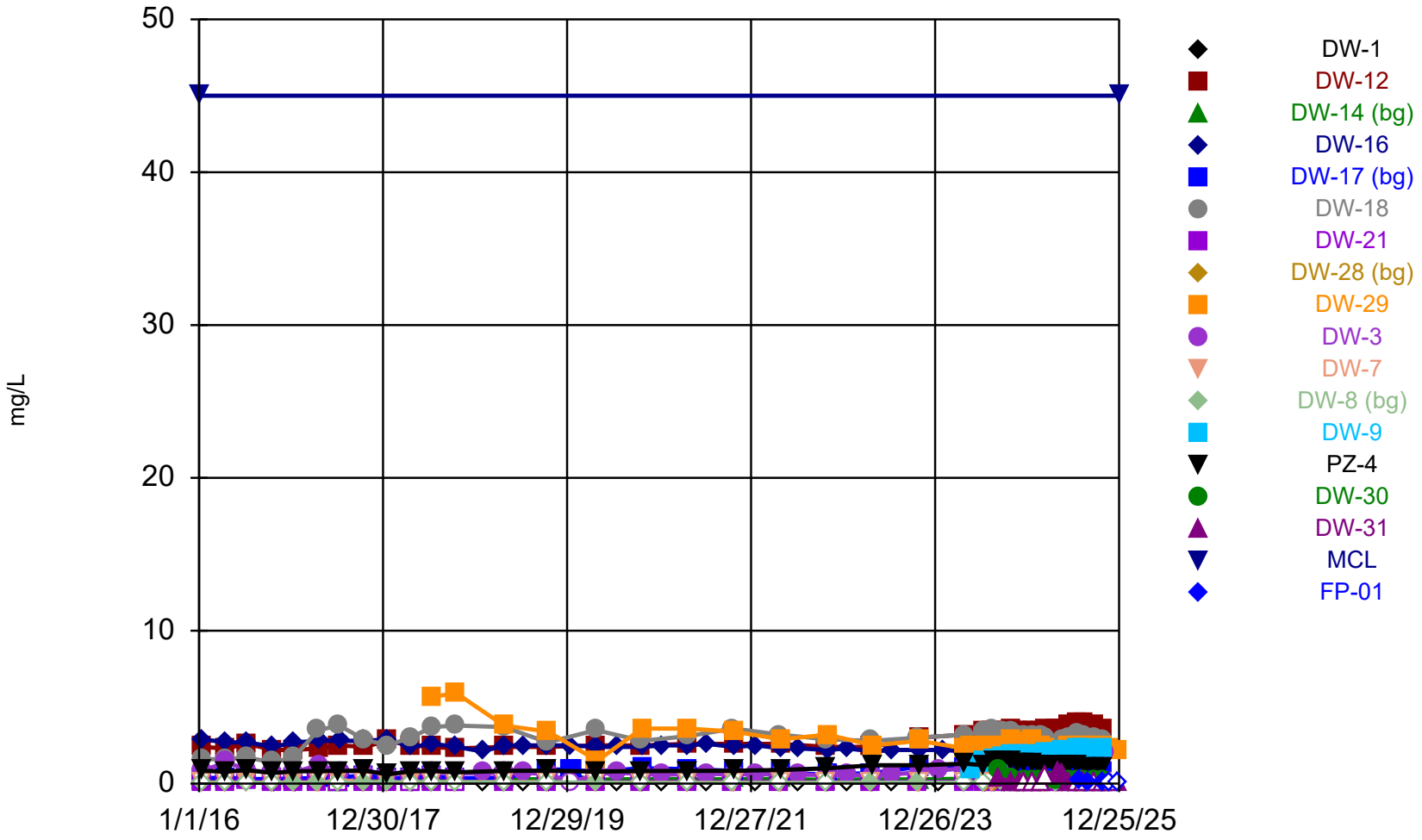


Constituent: Nickel, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

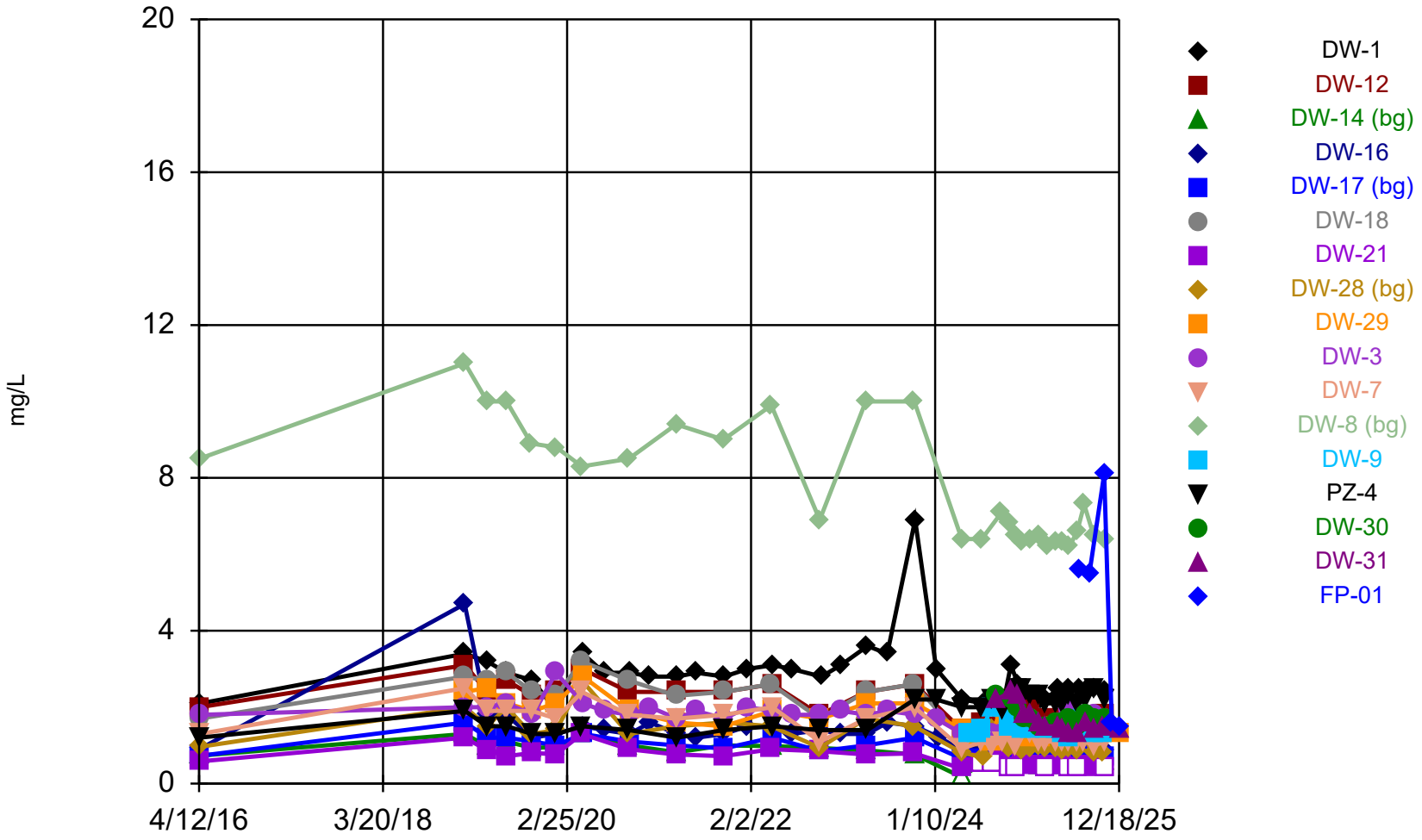


Constituent: Nitrate as N Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

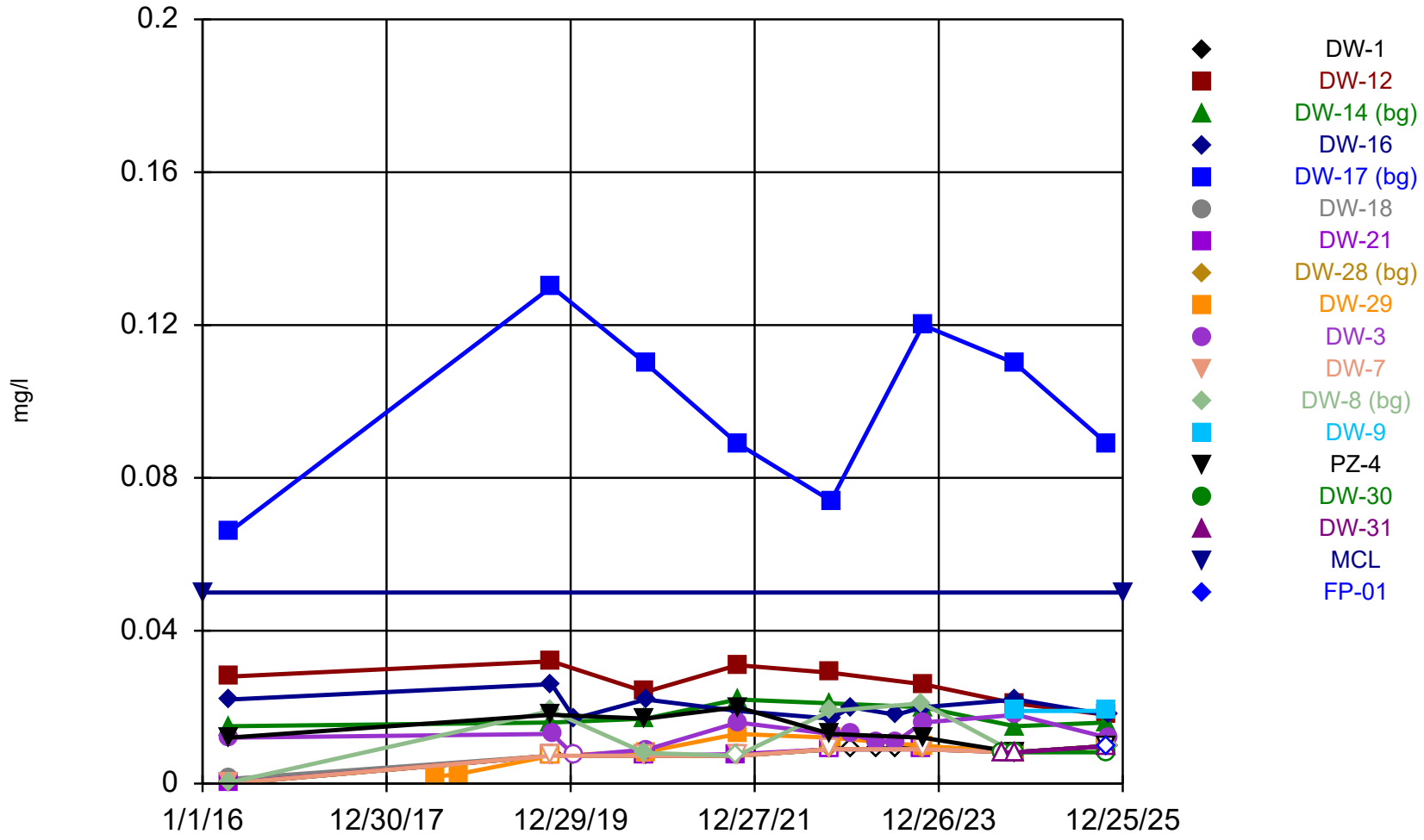


Constituent: Potassium Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series

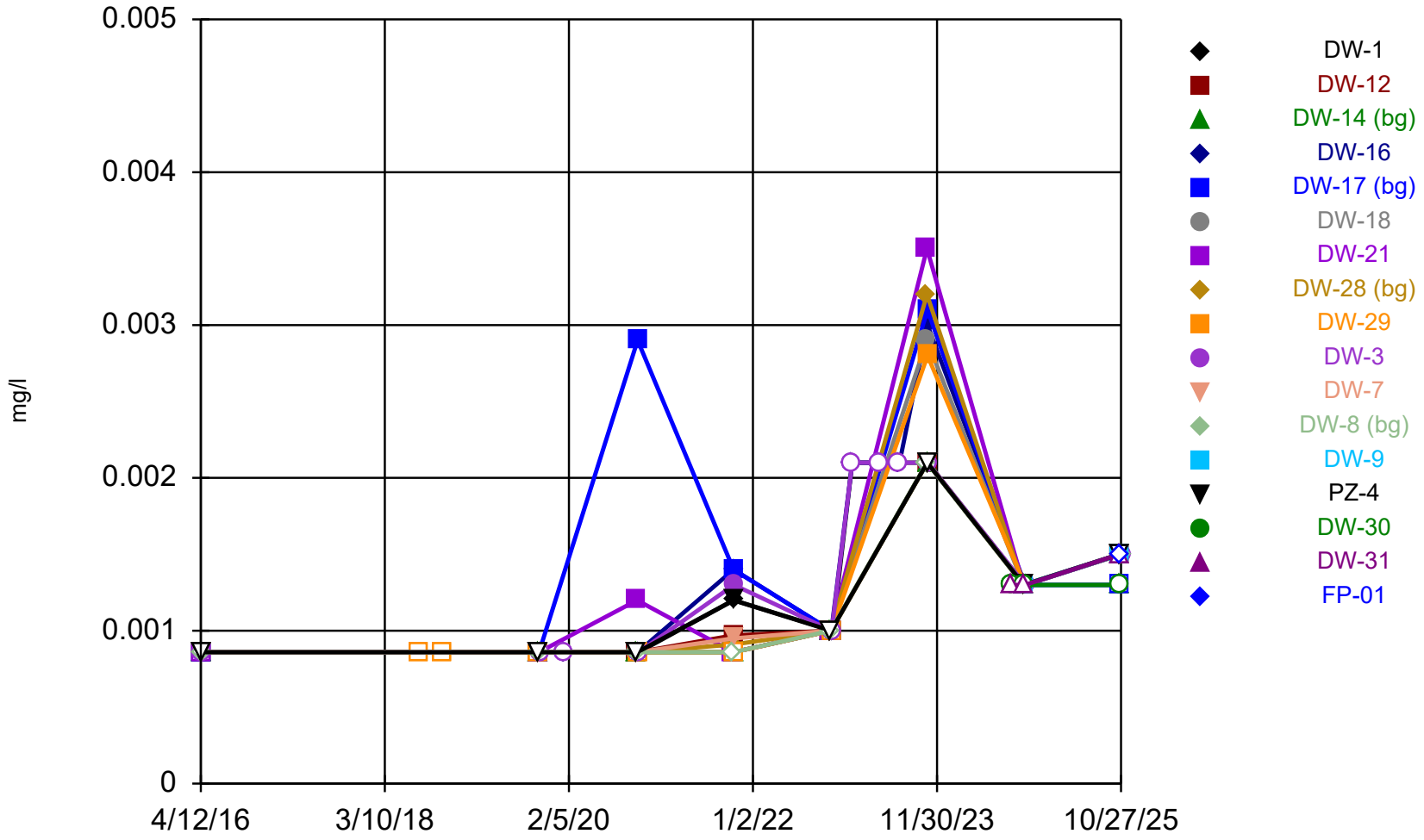


Constituent: Selenium, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

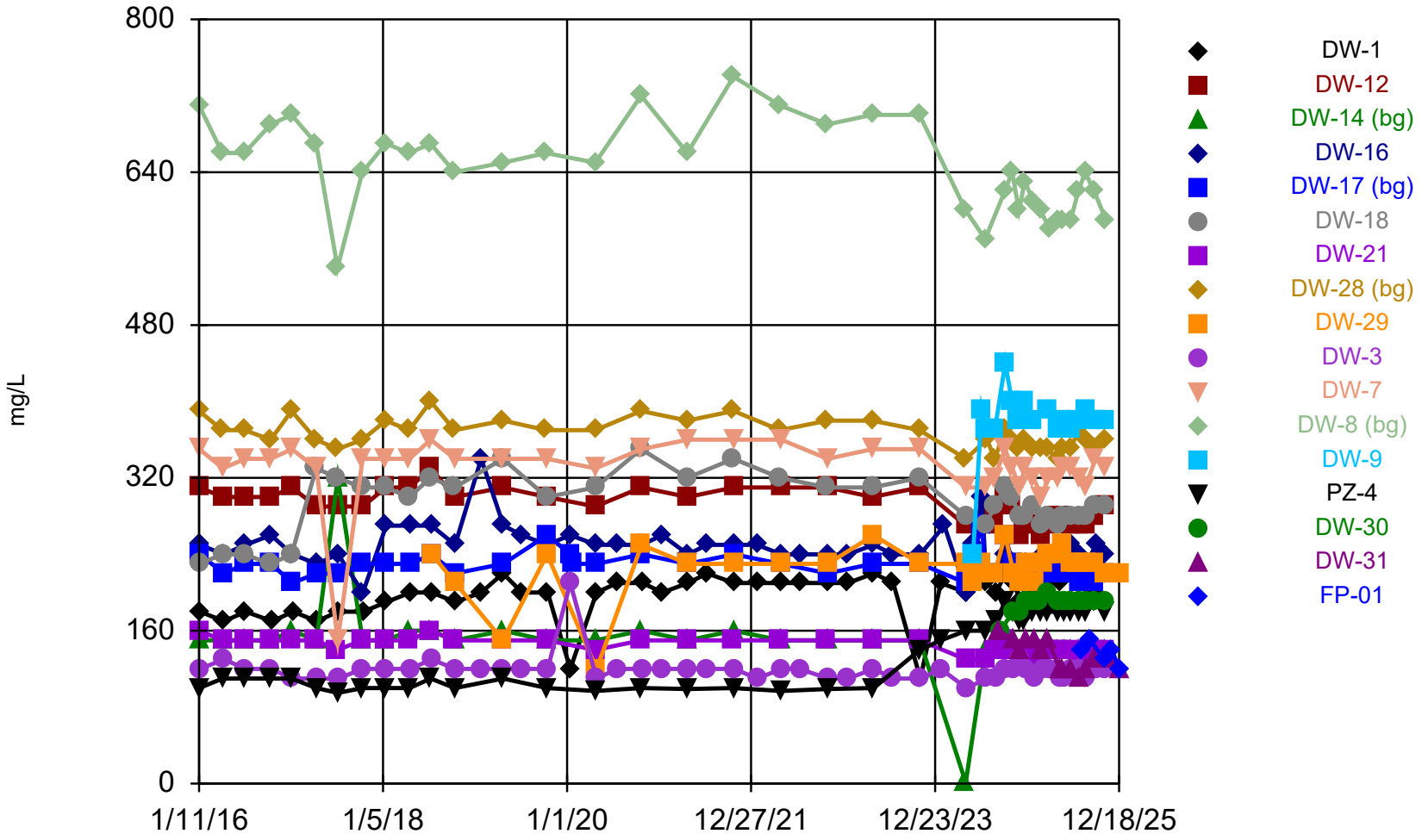
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Constituent: Silver, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Time Series

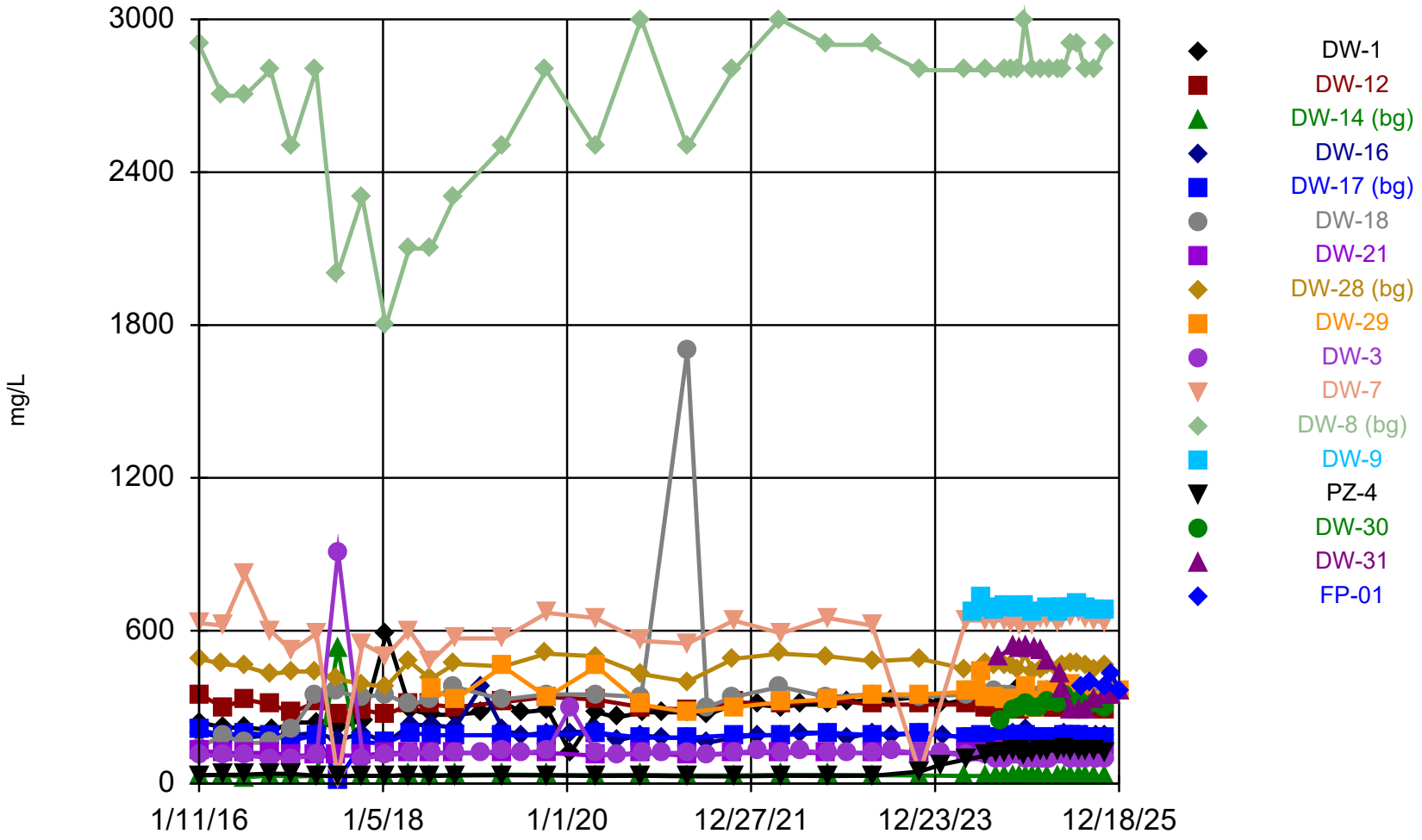


Constituent: Sodium Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Time Series

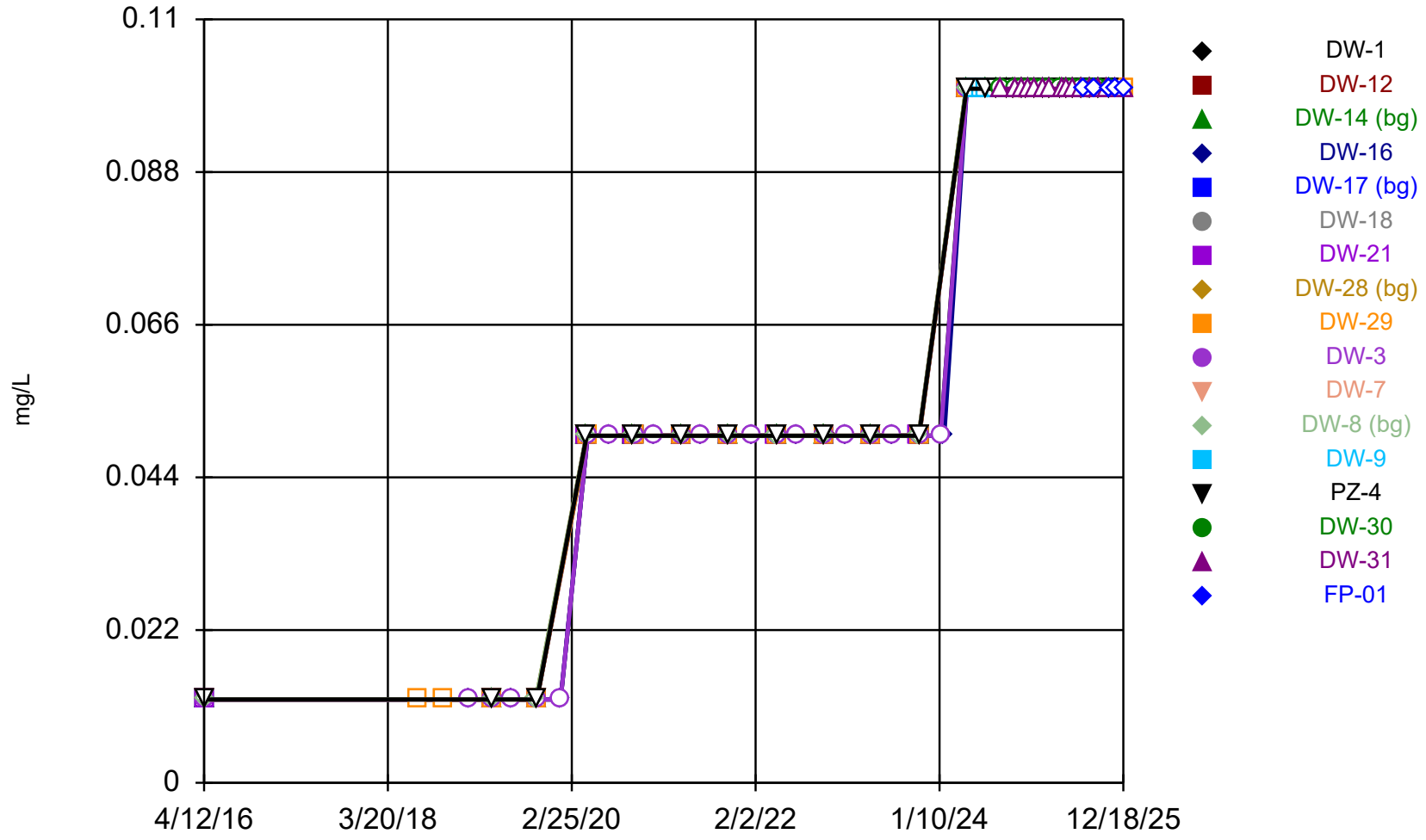


Constituent: Sulfate Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Time Series

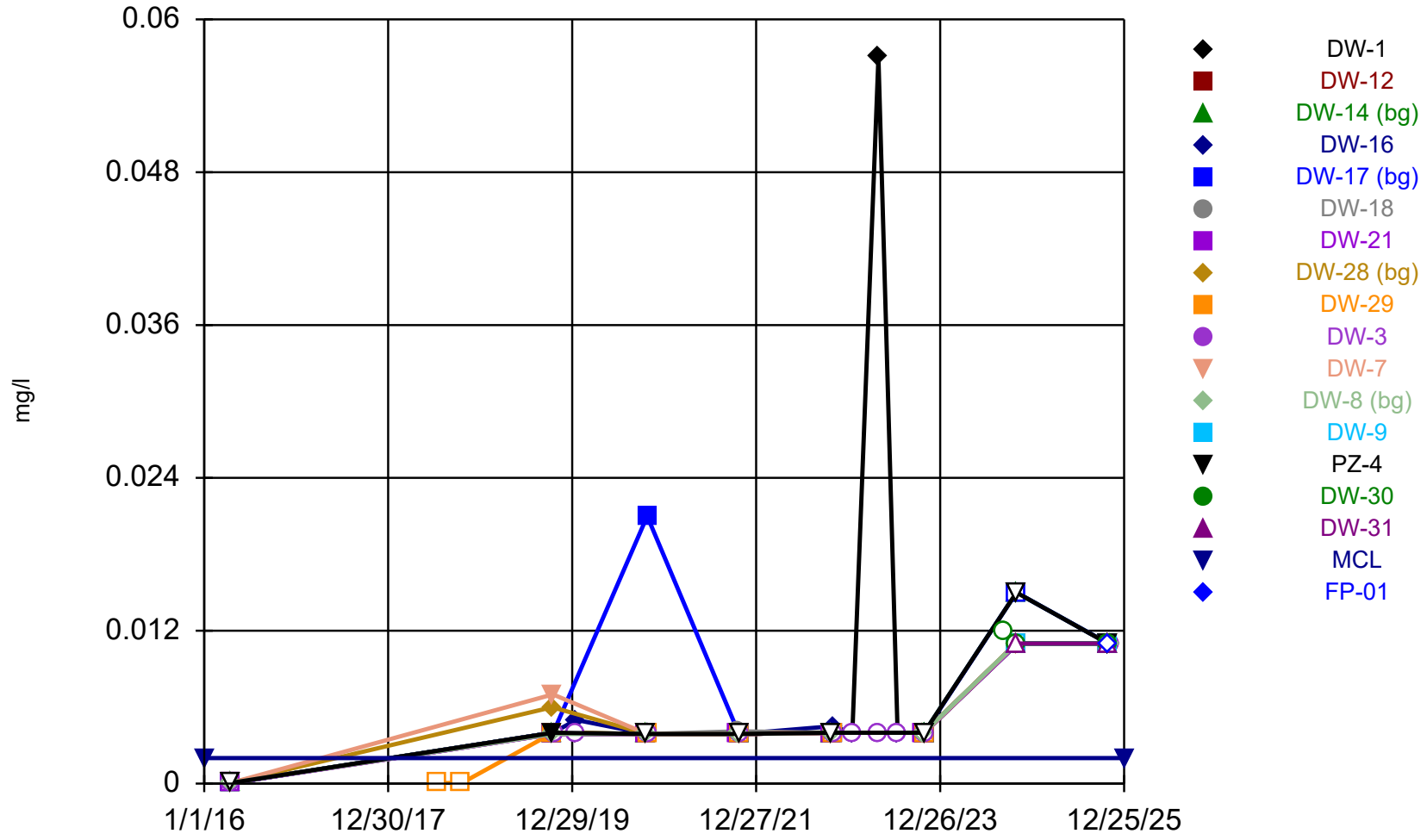


Constituent: Sulfide Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Time Series

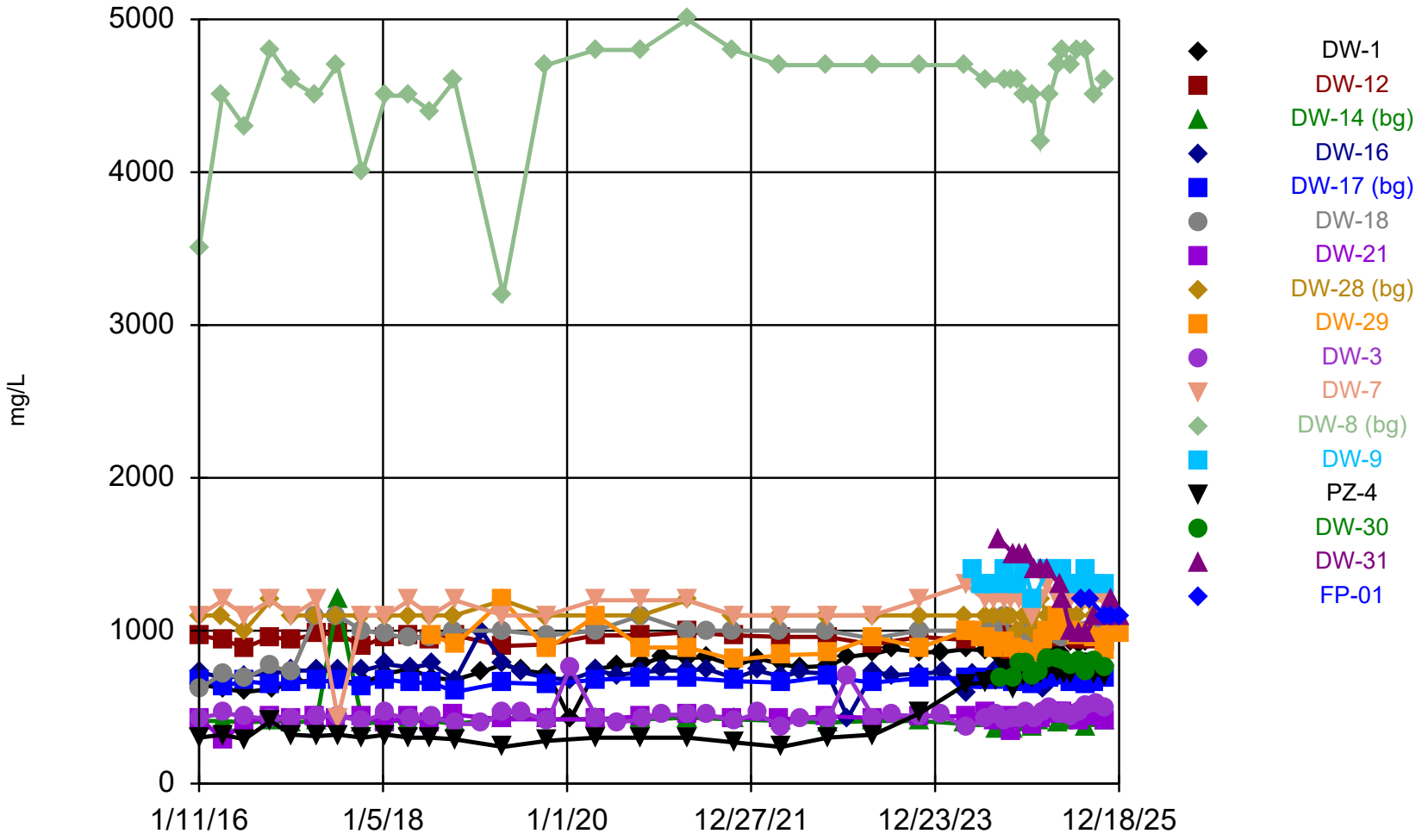


Constituent: Thallium, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Time Series

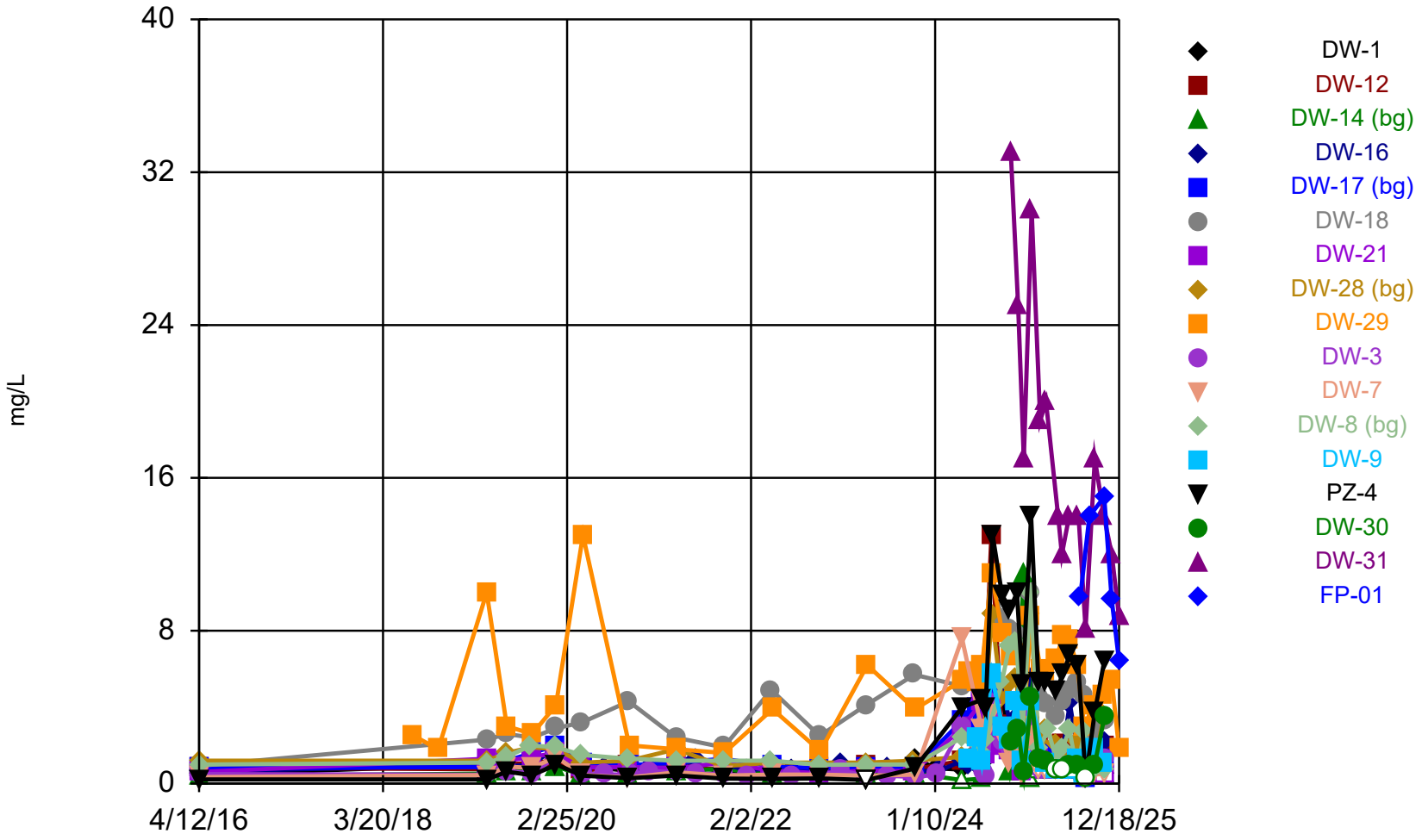


Constituent: Total Dissolved Solids Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Time Series

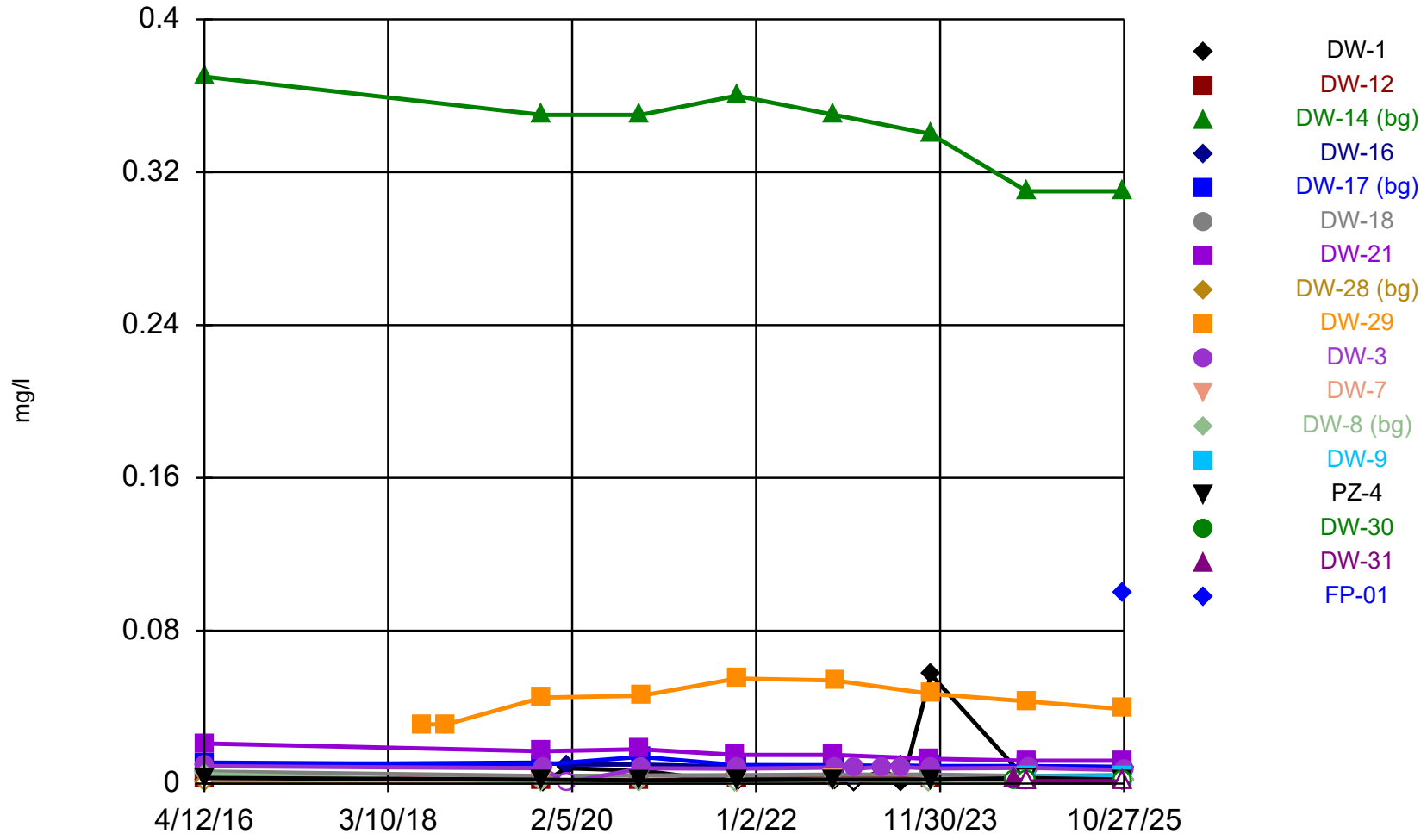


Constituent: Total Organic Carbon Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

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Hollow symbols indicate censored values.

Time Series

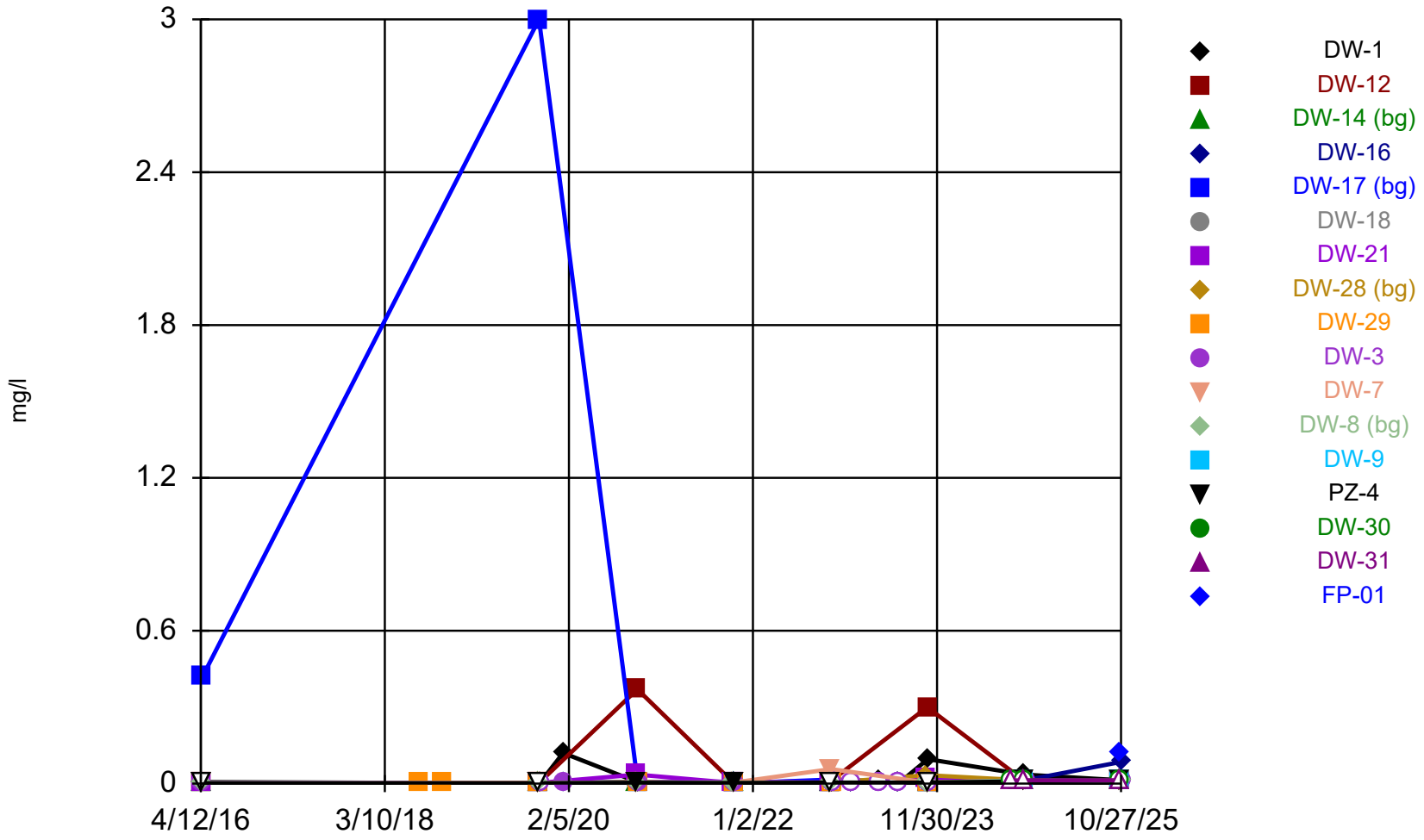


Constituent: Vanadium, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Sanitas™ v.10.1.03a Software licensed to Environmental Applications, Inc. CA
Hollow symbols indicate censored values.

Time Series



Constituent: Zinc, Total Analysis Run 1/27/2026 10:03 AM View: Annual TS

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

APPENDIX G

LANDFILL GAS MONITORING REPORTS

CHIQUITA CANYON
A Waste Connections Company

November 14, 2025

Mr. Jack Chen
South Coast Air Quality Management District
21865 E. Copley Drive
Diamond Bar, CA 91765-4182

RE: Chiquita Canyon Landfill Rule 1150.1
Quarterly Report – July, August, September 2025

Dear Mr. Cheng:

Enclosed is one copy of the Rule 1150.1 Quarterly Monitoring Report for the Chiquita Canyon Landfill. Please do not hesitate to contact me at (346) 807-5547 if you have any questions.

Sincerely,

Kate Logan
Senior Remediation Project Manager
Chiquita Canyon, LLC

CHIQUITA CANYON LANDFILL
RULE 1150.1 QUARTERLY MONITORING AND QA/QC REPORTS
JULY-AUGUST-SEPTEMBER 2025

Submitted to:

South Coast Air Quality Management District
the clean air people

21865 East Copley Drive
Diamond Bar, California 91765

Submitted by:

CHIQUITA CANYON LANDFILL
29201 Henry Mayo Drive
Castaic, California 91384

Prepared by:

RES Environmental Inc.

865 Via Lata
Colton, California 92324

November 2025

CHIQUITA CANYON LANDFILL
RULE 1150.1 QUARTERLY MONITORING REPORT
JULY - AUGUST - SEPTEMBER – 2025
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CHIQUITA CANYON LANDFILL
RULE 1150.1 QUARTERLY MONITORING REPORT
JULY - AUGUST - SEPTEMBER – 2025
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CHIQUITA CANYON
LANDFILL

RULE 1150.1 QUARTERLY MONITORING REPORT
July – August – September - 2025

INTRODUCTION

On May 5, 2011, a Rule 1150.1 Alternative Compliance Plan (ACP) for Chiquita Canyon Landfill was submitted to the South Coast Air Quality Management District (SCAQMD) in order to request alternatives to the new monitoring and reporting requirements in the amended Rule 1150.1. In March 2018 the Alternate Rule 1150.1 Compliance Plan for Chiquita Canyon Landfill was finalized and approved. In the final compliance plan, the request for Quarterly Integrated Surface Sampling was not approved and Monthly Integrated Surface Sampling was set in place. From March 2018 to the end of September 2019, Quarterly Integrated Surface Sampling continued to be performed. In September 2019, SCAQMD staff questioned whether Chiquita Canyon Landfill staff should be monitored monthly, and starting in October 2019, Monthly Integrated Surface Sampling was performed per the Rule 1150.1 monitoring permit. The ACP monitoring program dated March 8, 2018 includes the following schedule:

- Monthly Instantaneous Surface Monitoring
- Monthly Integrated Surface Sampling
- Quarterly Ambient Air Monitoring
- Monthly Perimeter Gas Probe Monitoring
- Quarterly Perimeter Probe Sampling
- Quarterly Gas Collection System Sampling
- Continuous Wind Speed and Direction Monitoring

Although the ACP only requires quarterly instantaneous surface monitoring and quarterly perimeter gas probe monitoring, Chiquita Canyon Landfill has voluntarily performed the instantaneous surface monitoring and perimeter gas probe monitoring on a monthly basis in order to take a proactive approach to odors, surface emissions, and landfill gas (LFG) migration. This report includes the additional monitoring data, along with the required information and a summary of any rule exceedances, including a discussion of the corrective actions taken.

On February 4, 2023, Chiquita Canyon Landfill submitted an Ex Parte Emergency Variance application to the SCAQMD Hearing Board due to an elevated Total Reduced Sulfur Concentration in the gas system. Chiquita Canyon Landfill was granted an Emergency Variance

on February 8, 2023. An Interim Variance was approved on February 15, 2023, and the Regular Variance was approved on May 3, 2023. On September 6, 2023, a hearing on a Stipulated Order for Abatement (SOFA) was held pursuant to provisions of California Health and Safety Code 40823 and 42451(a) and District Rule 812. The SOFA was modified on January 17, 2024, March 21, 2024, April 24, 2024, August 27, 2024, November 13, 2024, April 16, 2025, and June 24, 2025. Sampling and monitoring conditions of the Abatement Order include weekly colorimetric tube tests for hydrogen sulfide and weekly analytical flare samples for SCAQMD Method 307.91 (reduced sulfur compounds). The site still has to follow Rule 431.1 AMP and because concentrations are above the limits, the site has to monitor/sample daily. Integrated surface sampling is performed at least three times per month, no more than once every 7 days; instantaneous surface monitoring is performed at least three times per month, no more than once every 7 days; cover inspections are performed daily. The site will continue investigations underlining reaction and odor impacts.

Landfill grids were revised in the first quarter of the 2000 Rule 1150.1 compliance report. Originally, the surface of the disposal area was divided into 81, 50,000 square foot sections. Effective April 1, 2000, monitoring grids were increased to 159 50,000 square foot sections. The grid increase was due to a submittal by the Chiquita Canyon Landfill to exempt steep areas of the landfill for testing, which was denied by the SCAQMD. In October 2012, the number of grids increased to 224 due to expansion of landfill operations. On February 23, 2024, the number of grids increased to 253, due to expansion of landfill operations with Cell 6. These numbered monitoring grids are indicated on the Rule 1150.1 site monitoring map in Exhibit I. The protocol and quality control procedures were performed according to the SCAQMD Guidelines for implementation of Rule 1150.1. If elevated concentrations were measured, these conditions were promptly mitigated through system adjustments to the wells or through application and compaction of cover soil.

Meteorological conditions are analyzed daily by RES Environmental, Inc. (RES) with assistance from Chiquita Canyon Staff to schedule sampling tasks on the landfill. Wind direction and wind speeds are recorded continuously throughout the year at a location that represents excellent meteorological exposure to the Chiquita Canyon Landfill. RES is responsible for the implementation of the Rule 1150.1 testing program and the Rule 1150.1 monitoring report. The meteorological station is shown in Exhibit I. Two ambient air samplers are displayed in the same exhibit.

MONITORING RESULTS

Instantaneous Surface Monitoring Program

Instantaneous Surface Monitoring (ISM) was performed using procedures and equipment described in the SCAQMD Guidelines for Implementation of Rule 1150.1, consistent with the Chiquita Canyon Landfill compliance plan. Effective July 2020, a portable flame ionization detector (FID) which meets or exceeds all guideline specifications was used to obtain instantaneous measurements of total organic compounds (TOC) concentrations immediately above the surface of 253 numbered grids. While traversing the disposal area, the detector probe was held within three inches of the landfill surface to obtain the readings. A surface inspection was also performed during monitoring to identify potential cracks in the landfill cover.

During the quarterly monitoring period, ISM was conducted across the full site for four (4) events and within the reaction area for five (5) events.

Full site sweep was performed on July 7, 8, and 9, 2025, and two hundred and forty (240) grids were monitored. Thirteen (13) grids were not monitored due to active construction. There were one hundred and thirty-three (133) hot spots over 500 ppm and eighteen (18) spots that ranged from 200 ppm – 499 ppm. All hot spots passed the initial 10-day recheck on July 16, and 17, 2025.

Reaction Area was performed on July 21, 2025, and eighty-eight (88) grids were monitored. There were forty-nine (49) hot spots over 500 ppm and sixteen (16) spots that ranged from 200 ppm - 499 ppm. All hot spots passed initial 10-day recheck on July 31, 2025.

Reaction Area was performed on July 23, 2025, and eighty-seven (87) grids were monitored. One (1) grid was not monitored due to active construction. There were fifty-nine (59) hot spots over 500 ppm and six (6) spots that ranged from 200 ppm- 499 ppm. All hot spots passed the initial 10-day recheck on July 31, 2025.

Full site sweep was performed on August 4, 5, and 6, 2025 and two hundred and forty-two (242) grids were monitored. Eleven (11) grids were not monitored due to Sukut dirt dumping. There were eighty-two (82) hot spots over 500 ppm and eleven (11) hot spots that ranged from 200 ppm - 499 ppm. All hot spots passed the initial 10-day recheck on August 13, 2025.

Full site sweep was performed on August 12, 13, and 14, 2025 and two hundred and forty-four (244) grids were monitored. Thirteen (13) grids were not monitored due to active

construction. There were one hundred and forty-one (141) hot spots over 500 ppm and twelve (12) spots that ranged from 200 ppm - 400 ppm. All hot spots passed the initial 10-day recheck on August 22, 2025.

Reaction Area was performed on August 18, 2025, and eighty-eight (88) grids were monitored. There were fifty-four (54) hot spots over 500 ppm and five (5) hot spots that ranged from 200 ppm - 499 ppm. All hot spots passed the initial 10-day recheck on August 27, 2025.

Reaction Area was performed on September 4, 2025 and eighty-eight (88) grids were monitored. There were forty-one (41) hot spots over 500 ppm and five (5) spot that ranged from 200 ppm - 499 ppm. All hot spots passed the initial 10-day recheck on September 15, 2025.

Full site sweep was performed on September 8, 9, and 10, 2025, and two hundred and forty (240) grids were monitored. Thirteen (13) grids were not monitored due to active construction. There were one hundred and thirty-seven (137) hot spots over 500 ppm and twenty-one (21) spots that ranged from 200 ppm - 499 ppm. All hot spots passed the initial 10-day recheck on September 17 and 19, 2025.

Reaction Area was performed on September 24, 2025 and eighty-eight (88) grids were monitored. There were twenty-six (26) hot spots over 500 ppm and two (2) that ranged from 200 ppm - 499 ppm. All hot spots passed the initial 10-day recheck on October 1, 2025.

The ISM conducted during the quarter showed seven hundred and twenty-two (722) spots over 500 ppm, measured as methane. Two hundred and forty-one (241) spots were detected in July 2025, two hundred and seventy-seven (277) spots were detected in August 2025, and two hundred and four (204) spots were detected in September 2025; these spots were re-monitored and cleared within the first or second 10-day period as allowed by the Rule 1150.1 guideline. Grids were not monitored due to proximity to active construction or Sukut dirt dumping. A chart has been added showing the original inspection date, re-monitoring date, and remediation method(s) for all grids over 500 ppm.

The ISM conducted during the quarter showed ninety-six (96) spots that ranged from 200 ppm - 499 ppm, measured as methane. Forty (40) spots were detected in July 2025, twenty-eight (28) spots were detected in August 2025, and twenty-eight (28) spots were detected in September 2025; these spots were re-monitored and cleared within the first or second 10-day period as allowed by

the Rule 1150.1 guideline. A chart has been added showing the original inspection date, re-monitoring date, and remediation method(s) for all grids that ranged from 200 ppm- 499ppm.

All field sheets, laboratory analysis, chain-of-custody and calibration reports will be maintained and available for five years at the Chiquita Canyon Landfill.

Integrated Surface Sampling Program (ISS)

Integrated surface sampling (ISS) equipment, field protocol, and Quality Assurance (QA) procedures used in this program were derived from the SCAQMD Guidelines for Implementation of Rule 1150.1, in accordance with the compliance plan for the Chiquita Canyon Landfill. An RES technician sampled each grid using the typical walk pattern and collection rate specified in the guidelines. Each Tedlar bag sample was purged three times with ultra-pure nitrogen and enclosed in a light-sealed box.

In the quarterly monitoring period, ISS was performed on the Full Site for four (4) events and on the Reaction Area for five (5) events.

Reaction Area was performed on July 1 and 2, 2025, and eighty-eight (88) grids were monitored. There were three (3) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on July 9, 2025.

Full site sweep was performed on July 14, 15, 16, and 17, 2025, and two hundred and forty-one (241) grids were monitored. Twelve (12) grids were not monitored due to active construction. There were thirty-six (36) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on July 24, 2025.

Full site sweep was performed on July 28, 29, 30, and 31, 2025 and two hundred and forty-one (241) grids were monitored. Twelve (12) grids were not monitored due to active construction. There were twenty-seven (27) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on August 7, 2025.

Reaction Area was performed on August 6 and 7, 2025, and eighty-eight (88) grids were monitored. There were eight (8) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on August 13, 2025.

Reaction Area was performed on August 19 and 20, 2025 and eighty-eight (88) grids were monitored. There were three (3) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on August 27, 2025.

Full site sweep was performed on August 25, 26, 27, and 28, 2025 and two hundred and thirty-eight (238) grids were monitored. Fourteen (14) grids were not monitored due to construction. There were seven (7) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on September 4, 2025.

Reaction Area was performed on September 2 and 3, 2025, and eighty-eight (88) grids were monitored. There were sixteen (16) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on September 12, 2025.

Full site sweep was performed on September 15, 16, 17, and 19, 2025, and two hundred and forty-one (241) grids were monitored. Twelve (12) grids were not monitored due to active construction. There were fifteen (15) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on September 24, 2025.

Reaction Area was performed on September 22 and 23, 2025, and eighty-eight (88) grids were monitored. There were two (2) grids that exceeded 25 ppm during this event. All grids passed the initial 10-day recheck on October 1, 2025.

The Integrated Surface Sampling conducted in July, August, September 2025 produced one hundred and seventeen (117) total grids over 25 ppm.

- July 2025 monitoring reported sixty-six (66) grids.
- August 2025 monitoring reported eighteen (18) grids.
- September 2025 monitoring reported thirty-three (33) grids.

During the 3rd Quarter 2025, a total of thirty-two (23) grids were sent to the Lab.

Eight (8) grids in July 2025; two (2) grids on July 2, 2025, two (2) grids on July 14, 2025, one (1) grid on July 28, 2025, three (3) grids on July 29, 2025.

Seven (7) grids in August 2025; three (3) grids on August 6, 2025, two (2) grids on August 20, 2025, and two (2) grids on August 26, 2025.

Eight (8) grids in September 2025; three (3) grids on September 2, 2025, three (3) grids on September 16, 2025, two (2) grids on September 23, 2025.

Wind monitoring data recorded at the onsite wind station were reduced to calculate 10-minute average wind speeds for periods when sampling was performed. Each integrated grid sample was

collected over a continuous 25-minute period. Based on the 10-minute averages, none of the overall average wind speeds exceeded 10 mph during the 25-minute sampling periods.

Two samples were selected (Grids 214 and 83) and analyzed for group compounds on July 2, 2025. Reported methane concentrations in Grid 214 was 38.8 ppm_v, and Grid 83 was 25.5 ppm_v.

Two samples were selected (Grids 170 and 178) and analyzed for group compounds on July 14, 2025. Reported methane concentrations in Grid 170 was 122 ppm_v and Grid 178 was 52.3 ppm_v.

One sample was selected (Grid 82) and analyzed for group compounds on July 28, 2025. Reported methane concentration in Grid 82 was 28.2 ppm_v, respectively.

Three samples were selected (Grids 215, 222, 214) and analyzed for group compounds on July 29, 2025. Reported methane concentrations in Grid 215 was 29.0 ppm_v, Grid 222 was 104 ppm_v, and Grid 214 was 55.1 ppm_v.

Three samples were selected (Grids 185, 177, 53) and analyzed for group compounds on August 6, 2025. Reported methane concentrations in Grid 185 was 73.5 ppm_v, Grid 177 was 51.0 ppm_v, and Grid 53 was 61.5 ppm_v.

Two samples were selected (Grids 215 and 214) and analyzed for group compounds on August 20, 2025. Reported methane concentrations in Grid 215 was 48 ppm_v, and Grid 214 was 19.4 ppm_v.

Two samples were selected (Grids 81 and 82) and analyzed for group compounds on August 26, 2025. Reported methane concentrations in Grid 81 was 56.4 ppm_v, and Grid 82 was 20.4 ppm_v.

Three samples were selected (Grids 153, 178, and 187) and analyzed for group compounds on September 2, 2025. Reported methane concentrations in Grid 153 was 78.0 ppm_v, Grid 178 was 55.2 ppm_v, and Grid 187 was 44.9 ppm_v.

Three samples were selected (Grids 30, 84, and 220) and analyzed for group compounds on September 16, 2025. Reported methane concentrations in Grid 30 was 111 ppm_v, Grid 84 was 43.1 ppm_v, and Grid 220 was 36.4 ppm_v.

Two samples were selected (Grids 89 and 194) and analyzed for group compounds on September 23, 2025. Reported methane concentrations in Grid 89 was 51.9 ppm_v, and Grid 194 was 42.3 ppm_v.

Analyses were performed within 72 hours after sampling was conducted. The ISS results are summarized in Table 2. The core group analytical results on the two selected grids are presented in Table 3. Complete laboratory reports, tabulated wind speed summaries, and QA documentation will be maintained and available for five years at the Chiquita Canyon Landfill.

Ambient Air Sampling Program

The ambient air sampling program was designed in accordance with the Guidelines for Implementation of Rule 1150.1 and the compliance plan requirements issued by the SCAQMD. All procedures and equipment used in the program are consistent with guideline specifications. The revised Chiquita Canyon Landfill compliance plan requires the collection of four (4) 12-hour samples located at the landfill perimeter. These 12-hour samples (two each) are representative of the predominant up slope and down slope wind flow patterns during each 12-hour time periods. These two sampling stations are contained in Exhibit I.

These locations were selected based upon evaluation of current and historic wind monitoring data collected on site. Sampling stations are positioned to provide good meteorological exposure to the predominant up slope flows and anticipated nighttime local air drainage patterns typically encountered at this site.

Ambient air samplers used at the Chiquita Canyon Landfill were constructed, installed, and operated to meet SCAQMD design criteria and performance specifications published in the Rule 1150.1 guidelines. Light-sealed boxes containing individual 10-liter Tedlar sample bags were housed within each sampling station enclosure. The quarterly Ambient Air Monitoring Program was initiated on July 13-14, 2025. Samples were collected over a period of 12 consecutive hours, with a start/stop time of approximately 9:00 A.M. to 9:00 P.M. and 9:00 P.M. to 9:00 A.M. the next day. After collection, the air samples were delivered to the AtmAA Laboratory to be analyzed for concentrations of methane, total TGNMOs, and core group compounds. Analyses were performed within 72 hours after sampling was concluded.

The concentrations of Rule 1150.1 core group compounds reported for each ambient air sample are presented in Table 4. A 24-hour wind rose is illustrated in Table 5. The complete analytical reports, hourly wind speed and direction summaries and QA records for the ambient air sampling program will be preserved for reviewing at a minimum of five years at the Chiquita Canyon Landfill.

Four samples were selected (AA-1, AA-2, AA-3, and AA-4) and analyzed for group compounds on July 13-14, 2025. Reported methane concentrations in AA-1 was 1.87 ppm_v, AA-2 was 2.12 ppm_v, AA-3 was 1.73 ppm_v, and AA-4 was 2.05 ppm_v.

Landfill Gas Sampling Program

During the third quarter (July, August, and September 2025), one Landfill gas sample was taken from the main gas transmission header line entering the Flare 1 on September 23, 2025. Using the direct-pump procedure described in EPA Method 25, the gas sample for the month was collected into a 10-liter Tedlar bag over a continuous 10-minute period. The Landfill gas sample was submitted to the AtmAA Laboratory to be analyzed for methane, total TGNMOs and Rule 1150.1 core group components, as well as fixed gases (oxygen, nitrogen and carbon dioxide). The laboratory results reported that the composite landfill gas sample contained methane at a concentration of 26.15 percent by volume in September 2025. Results of the core group compound analysis for landfill gas are reported in Table 6. QA documentation and analytical reports for this quarterly monitoring event will be preserved for reviewing for five years at the Chiquita Canyon Landfill.

Rule 431.1 Sampling and Results

In accordance with Chiquita Canyon Landfill's Rule 431.1 Alternative Monitoring Plan, colorimetric tube samples for H_2S are taken and recorded daily from Flare 1. In addition, gas samples are collected from Flare 1 quarterly and analyzed for H_2S by AtmAA Laboratory. The gas sample for third quarter 2025 was collected on September 23, 2025. The results of the analysis for H_2S are:

- Flare 1: 3.57 ppm_v

The level of H_2S detected on September 23, 2025 at Flare 1 was 3.57 ppm_v; therefore Tier IV sampling was initiated. Drager Tube monitoring was performed for H_2S on July 23, 2025, and the results was 15 ppm_v. Drager Tube monitoring was performed on August 19, 2025, and the results was 10 ppm_v. Drager Tube monitoring was performed on September 23, 2025, and the results was 5 ppm_v. Sampling and analysis are currently being performed for H_2S at Flare 1 as required by the sites Rule 431.1 permit.

CHIQUITA CANYON LANDFILL 3rd QUARTER 2025 Flare H_2S RESULTS				
DATE	**H2S**	**UNITS**	**SAMPLE TYPE**	**TIER**
7-23-25	15	PPMv	Drager Tube	Start Tier IV
8-19-25	10	PPMv	Drager Tube	Start Tier IV

CHIQUITA CANYON LANDFILL 3rd QUARTER 2025 Flare H_2S RESULTS				
DATE	**H2S**	**UNITS**	**SAMPLE TYPE**	**TIER**
9-23-25	5	PPM_V	Drager Tube	Start Tier IV
9-23-25	3.57	PPM_V	Laboratory	Start Tier IV

Due to the SOFA, additional daily Drager Tube and SCAQMD Method 307.91 sampling results were required. These results are included in the monthly SOFA reports submitted to the SCAQMD.

Perimeter Probe Sampling Program

The existing perimeter gas migration monitoring network used for Rule 1150.1 compliance at the Chiquita Canyon Landfill consists of 14 multiple-depth probes located along the perimeter of the landfill, as indicated in the Rule 1150.1 site monitoring map in Exhibit I.

An approved portable gas monitoring instrument was used to measure the concentration of TOC's expressed as ppm_v of methane by volume, within each probe casing. The Third Quarter 2025 probe monitoring events were conducted on July 23rd, August 19th, and September 23rd . Title 27 probe monitoring was completed on August 19th and 20th.

July 23, 2025 **(1150.1)** perimeter probe monitoring event produced one (1) probe over 5% methane. GP-13; depth 58 feet showed 5.4% methane, depth 87 feet showed 7.7% methane. **(1150.1)** The 1st 10-day re-monitoring for July was done on August 1, 2025, for probe number GP-13; depth 58 feet showed 4.7% methane, depth 87 feet showed 1.6% methane.

August 19, 2025 **(1150.1)** perimeter probe monitoring event produced one (1) probe over 5% methane. GP-13; depth 58 feet showed 17.7% methane and depth 87 feet showed 19.3% methane. The 1st 10-Day re-monitoring for the August 19, 2025 **(1150.1)** event was done on August 29, 2025, for probe number GP-13; depth 58 feet showed 15.9% methane, and depth 87 feet showed 8.3% methane. The 2nd 10-Day re-monitoring for the August 19, 2025 **(1150.1)** event was done on September 8, 2025, for probe number GP-13; depth 58 feet showed 13.7% methane, and depth 87 feet showed 5.9% methane.

August 18-19, 2025 **(Title 27)** perimeter probe monitoring event produced two (2) probes over 5% methane. GP-13; depth 58 feet showed 17.7% methane and depth 87 feet showed 19.3% methane. GP-15; depth 10 feet showed 30.0% methane, depth 40 feet showed 25.5%

methane, depth 60 feet showed 25.2% methane, depth 90 feet showed 40.1% methane, and depth 115 feet showed 44.5% methane. The 1st 10-Day re-monitoring for the August 18-19, 2025 **(Title 27)** event was done on August 29, 2025, for probe number GP-15; depth 10 feet showed 28.7% methane, depth 40 feet showed 26.1% methane, depth feet 60 showed 26.2% methane, depth 90 feet showed 41.9% methane, and depth 115 feet showed 47.2% methane. The 2nd 10-Day re-monitoring for the August 18-19, 2025 **(Title 27)** event was done on September 8, 2025, for probe number GP-15; depth 10 feet showed 29.5% methane, depth 40 feet showed 25.7% methane, depth 60 feet showed 25.6% methane, depth 90 feet showed 43.9% methane, and depth 115 feet showed 47.7% methane.

September 23, 2025 **(1150.1)** perimeter probe monitoring event produced one (1) probe over 5% methane. GP-13; depth 58 feet showed 36.4% methane, depth 87 feet showed 7.4% methane, and depth 173 feet showed 13.7% methane. The 1st 10-Day re-monitoring for the September 23, 2025 **(1150.1)** event was done on October 2, 2025, for probe number GP-13; depth 58 feet showed 19.2% methane, 87 feet showed 8.4% methane and depth 173 feet showed 6.7% methane.

The following tables show new wells that were installed as part of the 45-day remediation for the above-mentioned probes during the reporting period. New wells and SVE well are planned for further installation and will be reported in the next quarterly report.

July 23, 2025 **(1150.1)** GP-13 probe monitoring produced 54,700 ppm_v methane at 58 feet, and GP-13 probe monitoring produced 75,800 ppm_v methane at 87 feet.

August 19, 2025 **(1150.1)** GP-13 probe monitoring produced 152,100 ppm_v methane at 58 feet, and GP-13 probe monitoring produced 199,000 ppm_v methane at 87 feet.

August 19, 2025 **(Title 27)** GP-15 probe monitoring produced 281,100 ppm_v methane at 10 feet, GP-15 probe monitoring produced 241,000 ppm_v methane at 40 feet, GP-15 probe monitoring produced 227,600 ppm_v methane at 60 feet, GP-15 probe monitoring produced 376,400 ppm_v methane at 90 feet, and GP-15 probe monitoring produced 425,600 ppm_v methane at 115 feet.

September 23, 2025 **(1150.1)** GP-13 probe monitoring produced 373,000 ppm_v methane at 58 feet, GP-13 probe monitoring produced 71,600 ppm_v at 87 feet, and GP-13 probe monitoring produced 141,400 ppm_v at 173 feet. The probe samples were collected in 10-liter Tedlar bags over a continuous 10-minute period using a direct-pump sampling procedure in EPA Method 18.

In the third quarter, probe monitoring was performed in July, August, and September 2025. The 14 multiple-depth probe analyses are reported in Table 7. Core group compound results are provided in Table 8. Field monitoring logs, analytical reports, and QA documentation will be maintained for a minimum of five years at the Chiquita Canyon Landfill.

TABLE 1

Instantaneous Monitoring Analysis

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

July 2025 Chiquita Canyon Landfill Instantaneous Surface Monitoring Full Site Sweep (7-7-25/7-8-25/7-9-25)

Grid	Flag	Latitude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30 -Day Corrective Action	30-Day Remonitoring Date	Time	PPM
Intantaneous (Monthly)																		
1				7/9/25		9.1												
2				7/9/25		8.7												
3				7/9/25		6.6												
4				7/9/25		7.1												
5				7/9/25		6.3												
6				7/9/25		Active Construction												
7				7/8/25		Active Construction												
8				7/9/25		8.57												
9				7/8/25		Active Construction												
10				7/9/25		12.94												
11				7/9/25		12.58												
12				7/9/25		11.62												
13				7/8/25		Active Construction												
14				7/9/25		6.19												
15				7/9/25		5.13												
16				7/9/25		5.42												
17				7/9/25		5.45												
18				7/9/25		6.37												
19				7/9/25		7.10												
20				7/9/25		6.72												
21				7/8/25		500												
	Y61	34.43369499	-118.64077	7/8/25	1210	500	Moisture Condition, Soil/Dirt Compaction	7/16/25	0952	319					Moisture Condition, Soil/Dirt Compaction	8/6/25	1108	302
22				7/8/25		4.65												
23				7/8/25		4.68												
24				7/8/25		4.59												
25				7/8/25		4.63												
26				7/8/25		4.57												
27				7/8/25		4.61												
28A				7/8/25		4.56												
29				7/8/25		4.61												
30				7/7/25		46.65												
31				7/7/25		8.20												
32				7/7/25		525												
	Y82	34.434473	-118.644779	7/7/25	0813	525	Moisture Condition, Soil/Dirt Compaction	7/16/25	0821	142					Moisture Condition, Soil/Dirt Compaction	8/6/25	1024	192
33				7/8/25		9,999												
	Y45	34.43402398	-118.644856	7/8/25	1039	1,745	Flow Increase; Soil/Dirt Compaction	7/16/25	1017	133					Flow Increase; Soil/Dirt Compaction	8/6/25	1050	172
	Y46	34.43375199	-118.645152	7/8/25	1045	9,999	Flow Increase; Soil/Dirt Compaction	7/16/25	1018	49.97					Flow Increase; Soil/Dirt Compaction	8/6/25	1051	33.4
34				7/8/25		45.61												
35				7/8/25		503												
	Y24	34.43292604	-118.644645	7/8/25	0937	503	Moisture Condition, Soil/Dirt Compaction	7/17/25	1024	56.7					Moisture Condition, Soil/Dirt Compaction	8/6/25	1042	66.3
	Y231	34.43294398	-118.644685	7/8/25	0936	1,470	Moisture Condition, Soil/Dirt Compaction	7/17/25	1024	57.3					Moisture Condition, Soil/Dirt Compaction	8/6/25	1032	38.7
36				7/8/25		120												
37				7/8/25		1,747												
	Y47	34.43425801	-118.644189	7/8/25	1058	1,747	Flow Increase	7/16/25	1016	380					Flow Increase	8/6/25	1048	404
38				7/8/25		1,452												
	Y22	34.43348302	-118.643956	7/8/25	0915	1,100	Moisture Condition, Soil/Dirt Compaction	7/17/25	1026	47.0					Moisture Condition, Soil/Dirt Compaction	8/6/25	1038	38.4
	Y23	34.43339601	-118.643997	7/8/25	0916	1,452	Penetration Removed; Soil/Dirt Compaction	7/17/25	1027	93.6					Penetration Removed; Soil/Dirt Compaction	8/6/25	1037	111
	Y26	34.43280601	-118.643484	7/8/25	0959	805	Moisture Condition, Soil/Dirt Compaction	7/17/25	1042	61.0					Moisture Condition, Soil/Dirt Compaction	8/6/25	1035	91.4
39				7/8/25		1,430												
	Y25	34.43308496	-118.643385	7/8/25	0953	1,430	Moisture Condition, Soil/Dirt Compaction	7/17/25	1040	91.3					Moisture Condition, Soil/Dirt Compaction	8/6/25	1040	70
40				7/8/25		991												
	Y44	34.43505504	-118.643301	7/8/25	1009	991	Flow Increase; Soil/Dirt Compaction	7/16/25	1032	67.7					Flow Increase; Soil/Dirt Compaction	8/6/25	1056	82.4
41				7/8/25		2,980												
	Y48	34.434386	-118.642756	7/8/25	1117	2,980	Wellhead Repaired	7/16/25	1030	319					Wellhead Repaired	8/6/25	1059	325
42				7/8/25		1,840												
	Y21	34.43361796	-118.643328	7/8/25	0903	1,840	Flow Increase; Soil/Dirt Compaction	7/16/25	1029	276					Flow Increase; Soil/Dirt Compaction	8/6/25	1044	128
	B23	34.43388501	-118.642875	7/8/25	0846	200	Flow Increase	7/17/25	1031	14.8								
43				7/8/25		41.10												

Table 1

44				7/7/25		721													
	Y107	34.43526099	-118.641303	7/9/25	0836	721	Flow Increase; Soil/Dirt Compaction	7/17/25	0956	416					Flow Increase; Soil/Dirt Compaction	8/6/25	1017	475
45				7/8/25		2,730													
	Y49	34.434962	-118.64281	7/8/25	1125	2,730	Moisture Condition, Soil/Dirt Compaction	7/16/25	1035	370					Moisture Condition, Soil/Dirt Compaction	8/6/25	1057	349
	Y106	34.43472899	-118.641158	7/9/25		1,751	Flow Increase; Soil/Dirt Compaction	7/17/25	0955	150					Flow Increase; Soil/Dirt Compaction	8/6/25	1015	202
46				7/8/25		3,950													
	Y50	34.434157	-118.642096	7/8/25	1143	3,950	Moisture Condition, Soil/Dirt Compaction	7/16/25	1037	402					Moisture Condition, Soil/Dirt Compaction	8/6/25	1102	387
47				7/8/25		107													
48				7/8/25		57.35													
49				7/8/25		1,426													
	Y27	34.43214401	-118.6443	7/8/25	1018	1,426	Flow Increase; Soil/Dirt Compaction	7/17/25	1044	221					Flow Increase; Soil/Dirt Compaction	8/6/25	1030	194
50				7/8/25		4,950													
	B27	34.432359	-118.643613	7/8/25	1007	320	Flow Increase	7/17/25	1057	113									
	Y103	34.43184502	-118.643128	7/9/25	0819	3,350	Wellhead Repaired	7/17/25	0949	42.7					Wellhead Repaired	8/6/25	1006	86.5
	Y104	34.431856	-118.643126	7/9/25	0820	4,950	Moisture Condition, Soil/Dirt Compaction	7/17/25	0949	44.1					Moisture Condition, Soil/Dirt Compaction	8/6/25	1005	78.2
51				7/8/25		240													
	B21	34.43281003	-118.642206	7/8/25	0825	240	Flow Increase	7/17/25	1055	83.0									
52				7/8/25		1,250													
	Y105	34.432503	-118.64163	7/9/25	0826	1,250	Flow Increase; Soil/Dirt Compaction	7/17/25	0951	74.8					Flow Increase; Soil/Dirt Compaction	8/6/25	1010	108
53				7/7/25		20.24													
54				7/7/25		90.16													
55				7/8/25		9.63													
56				7/8/25		1,575													
	Y41	34.43646999	-118.643516	7/8/25	0855	1,575	Flow Increase	7/16/25	1008	299					Flow Increase	8/6/25	1115	277
	Y42	34.43615299	-118.643443	7/8/25	0902	990	Flow Increase; Soil/Dirt Compaction	7/16/25	1010	73.4					Flow Increase; Soil/Dirt Compaction	8/6/25	1116	55.3
57				7/7/25		39.11													
58				7/7/25		2,580													
	Y111	34.437118	-118.641652	7/9/25	0847	2,580	Moisture Condition, Soil/Dirt Compaction	7/16/25	1002	379					Moisture Condition, Soil/Dirt Compaction	8/6/25	1025	388
59				7/7/25		830													
	Y81	34.43530801	-118.644844	7/7/25	0753	830	Flow Increase; Soil/Dirt Compaction	7/16/25	0808	233					Flow Increase; Soil/Dirt Compaction	8/6/25	1026	308
60				7/8/25		4,580													
	Y43	34.43522997	-118.64419	7/8/25	0926	4,580	Flow Increase; Soil/Dirt Compaction	7/16/25	1014	371					Flow Increase; Soil/Dirt Compaction	8/6/25	1055	408
61				7/8/25		17.11													
62				7/8/25		22.17													
63				7/7/25		21.16													
64				7/7/25		31.31													
65				7/7/25		1,260													
	Y108	34.43600203	-118.640856	7/9/25	0838	991	Flow Increase; Soil/Dirt Compaction	7/17/25	0957	211					Flow Increase; Soil/Dirt Compaction	8/6/25	1018	254
	Y109	34.436169	-118.640974	7/9/25	0840	1,071	Flow Increase; Soil/Dirt Compaction	7/17/25	0959	89.1					Flow Increase; Soil/Dirt Compaction	8/6/25	1020	125
	Y110	34.43628098	-118.641043	7/9/25	0843	1,260	Flow Increase	7/17/25	1000	390					Flow Increase	8/6/25	1022	387
66				7/7/25		34.19													
67				7/7/25		1,657													
	Y47	34.43601997	-118.645251	7/7/25	1059	1,657	Flow Increase; Soil/Dirt Compaction	7/16/25	0814	26.3					Flow Increase; Soil/Dirt Compaction	8/6/25	1030	32.7
68				7/8/25		7.54													
69				7/8/25		9.81													
70				7/7/25		45.60													
71				7/7/25		34.10													
72				7/7/25		54.16													
73				7/7/25		105													
74				7/7/25		21.10													
75				7/7/25		34.60													
76				7/7/25		41.30													
77				7/7/25		51.10													
78				7/7/25		223													
	B22	34.43753198	-118.645902	7/7/25	0855	223	Flow Increase	7/16/25	0852	190									
79				7/7/25		39.11													
80				7/7/25		4,852													
	Y25	34.437679	-118.644276	7/7/25	0913	4,052	Moisture Condition, Soil/Dirt Compaction	7/16/25	0847	466					Moisture Condition, Soil/Dirt Compaction	8/6/25	0957	470
	Y26	34.43816397	-118.643713	7/7/25	0924	4,123	Moisture Condition, Soil/Dirt Compaction	7/16/25	0841	37.50					Moisture Condition, Soil/Dirt Compaction	8/6/25	0955	50.4
	Y27	34.43811896	-118.643758	7/7/25	0926	4,852	Moisture Condition, Soil/Dirt Compaction	7/16/25	0841	51.26					Moisture Condition, Soil/Dirt Compaction	8/6/25	0956	79.7
	Y28	34.43806004	-118.64378	7/7/25	0927	4,823	Moisture Condition, Soil/Dirt Compaction	7/16/25	0842	48.90					Moisture Condition, Soil/Dirt Compaction	8/6/25	1110	66.2
	B23	34.43771998	-118.644155	7/7/25	0918	232	Flow Increase	7/16/25	0844	88.3									
81				7/7/25		118													
82				7/7/25		505													

Table 1

	Y83	34.43456898	-118.645998	7/7/25	0828	505	Moisture Condition, Soil/Dirt Compaction	7/16/25	0804	147					Moisture Condition, Soil/Dirt Compaction	8/6/25	1022	149
83				7/7/25		79.63												
84				7/7/25		4.85												
85				7/7/25		120												
86				7/7/25		19.26												
87				7/8/25		1,190												
	Y33	34.43124798	-118.644994	7/8/25	1118	500	Moisture Condition, Soil/Dirt Compaction	7/17/25	1049	49.1					Moisture Condition, Soil/Dirt Compaction	8/6/25	1020	61.3
	Y34	34.431122	-118.64458	7/8/25	1127	1,190	Moisture Condition, Soil/Dirt Compaction	7/17/25	1050	37.3					Moisture Condition, Soil/Dirt Compaction	8/6/25	1022	58.7
88				7/8/25		8.28												
89				7/7/25		7.58												
90				7/7/25		588												
	Y86	34.43380304	-118.646592	7/7/25	0858	588	Moisture Condition, Soil/Dirt Compaction	7/16/25	0758	423					Moisture Condition, Soil/Dirt Compaction	8/6/25	1020	404
91				7/8/25		1,856												
	Y31	34.43184502	-118.644957	7/8/25	1054	1,856	Flow Increase	7/17/25	1045	23.9					Flow Increase	8/6/25	1025	48.5
92				7/8/25		4,325												
	Y28	34.43195198	-118.644193	7/8/25	1035	4,325	Moisture Condition, Soil/Dirt Compaction	7/17/25	1100	197					Moisture Condition, Soil/Dirt Compaction	8/6/25	1027	187
	Y29	34.43183597	-118.643917	7/8/25	1041	750	Wellhead Repaired	7/17/25	1102	52.6					Wellhead Repaired	8/6/25	1028	73
	Y30	34.431553	-118.644336	7/8/25	1048	1,842	Moisture Condition, Soil/Dirt Compaction	7/17/25	1106	417					Moisture Condition, Soil/Dirt Compaction	8/6/25	1024	430
	Y32	34.43128604	-118.645183	7/8/25	1116	2,923	Moisture Condition, Soil/Dirt Compaction	7/17/25	1048	77.3					Moisture Condition, Soil/Dirt Compaction	8/6/25	1018	89.2
	Y102	34.43165501	-118.643304	7/9/25	0815	1,312	Flow Increase; Soil/Dirt Compaction	7/17/25	0948	51.8					Flow Increase; Soil/Dirt Compaction	8/6/25	0959	44.7
93				7/8/25		3,012												
	Y100	34.43096098	-118.644082	7/9/25	0810	1,432	Moisture Condition, Soil/Dirt Compaction	7/17/25	0944	11.8					Moisture Condition, Soil/Dirt Compaction	8/6/25	0955	15.8
	Y101	34.43123901	-118.643754	7/9/25	0812	3,012	Moisture Condition, Soil/Dirt Compaction	7/17/25	0946	24.6					Moisture Condition, Soil/Dirt Compaction	8/6/25	0958	41.6
94				7/8/25		57.10												
95				7/8/25		47.16												
96				7/8/25		5.14												
97				7/8/25		21.60												
98				7/8/25		280												
	B2	34.43029697	-118.646131	7/8/25	0839	280	Flow Increase	7/17/25	0932	56.3								
	B3	34.43022899	-118.645827	7/8/25	0849	207	Flow Increase	7/17/25	0934	5.8								
99				7/8/25		6.43												
100				7/8/25		220												
	B1	34.430604	-118.646804	7/8/25	0823	220	Flow Increase	7/17/25	0921	14.4								
101				7/8/25		31.10												
102				7/8/25		45.30												
103				7/8/25		41.30												
104				7/8/25		2,600												
	Y1	34.43007602	-118.645386	7/8/25	0856	1,120	Moisture Condition, Soil/Dirt Compaction	7/16/25	0936	58.3					Moisture Condition, Soil/Dirt Compaction	8/6/25	1014	84.5
	Y2	34.43042697	-118.644696	7/8/25	0904	2,600	Moisture Condition, Soil/Dirt Compaction	7/16/25	0941	66.1					Moisture Condition, Soil/Dirt Compaction	8/6/25	1015	75.7
105				7/8/25		4.58												
106				7/8/25		4.52												
107				7/8/25		4.58												
108				7/9/25		8.72												
109				7/9/25		9.21												
110				7/9/25		9.56												
111				7/9/25		8.44												
112				7/9/25		13.02												
113				7/9/25		12.65												
114				7/9/25		5.1												
115				7/9/25		12.20												
116				7/8/25		53.00												
117				7/8/25		13.26												
118				7/9/25		4.32												
119				7/9/25		5.10												
120				7/9/25		4.21												
121				7/9/25		4.31												
122				7/9/25		5.78												
123				7/9/25		Active Construction												
124				7/8/25		12.83												
125				7/9/25		12.17												
126				7/9/25		11.67												
127				7/9/25		3.48												
128				7/9/25		3.68												
129				7/9/25		4.91												

Table 1

130				7/9/25		Active Construction												
131				7/8/25		13.54												
132				7/9/25		3.75												
133				7/9/25		4.72												
134				7/9/25		3.25												
135				7/9/25		3.18												
136				7/9/25		3.25												
137				7/9/25		5.25												
138				7/9/25		5.75												
139				7/9/25		5.39												
140				7/9/25		5.36												
141				7/9/25		5.10												
142				7/9/25		5.75												
143				7/9/25		12.56												
144				7/9/25		13.95												
145				7/7/25		24.60												
146				7/7/25		125												
147				7/7/25		3,957												
	Y45	34.435638	-118.647114	7/7/25	1027	1,957	Moisture Condition, Soil/Dirt Compaction	7/16/25	0827	30.08					Moisture Condition, Soil/Dirt Compaction	8/6/25	1124	24.8
	Y46	34.43566499	-118.64714	7/7/25	1031	3,957	Flow Increase	7/16/25	0827	416					Flow Increase	8/6/25	1130	388
148				7/7/25		107												
149				7/7/25		17.20												
150				7/7/25		823												
	Y22	34.43610898	-118.648688	7/7/25	0756	500	Flow Increase	7/16/25	0930	386					Flow Increase	8/6/25	1035	482
	Y23	34.43617403	-118.648579	7/7/25	0758	823	Moisture Condition, Soil/Dirt Compaction	7/16/25	0933	486					Moisture Condition, Soil/Dirt Compaction	8/6/25	1120	473
	Y24	34.43618903	-118.648554	7/7/25	0759	600	Moisture Condition, Soil/Dirt Compaction	7/16/25	0934	476					Moisture Condition, Soil/Dirt Compaction	8/6/25	1003	466
151				7/7/25		1,486												
	Y29	34.43588301	-118.648023	7/7/25	1046	500	Flow Increase	7/16/25	0938	21.8					Flow Increase	8/6/25	0959	19.5
	Y30	34.43571101	-118.648353	7/7/25	1049	1,486	Flow Increase	7/16/25	0940	315					Flow Increase	8/6/25	1007	205
152				7/7/25		74.19												
153				7/7/25		100												
154				7/7/25		13.40												
155				7/7/25		551												
	Y85	34.43405399	-118.646275	7/7/25	0842	551	Moisture Condition, Soil/Dirt Compaction	7/16/25	0758	210					Moisture Condition, Soil/Dirt Compaction	8/6/25	1020	151
156				7/7/25		3,156												
	Y31	34.435565	-118.648826	7/7/25	1104	3,156	Seal Repaired	7/16/25	0942	33.8					Seal Repaired	8/6/25	1008	63.4
157				7/7/25		5,250												
	Y44	34.43475899	-118.648413	7/7/25	1003	5,250	Seal Repaired	7/16/25	1009	67.80					Seal Repaired	8/6/25	1013	70.2
158				7/7/25		7,000												
	Y61	34.43456504	-118.648045	7/7/25	0803	500	Moisture Condition, Soil/Dirt Compaction	7/16/25	1006	212					Moisture Condition, Soil/Dirt Compaction	8/6/25	1105	210
	Y62	34.43448097	-118.648228	7/7/25	0809	7,000	Moisture Condition, Soil/Dirt Compaction	7/16/25	1007	163					Moisture Condition, Soil/Dirt Compaction	8/6/25	1014	206
159				7/7/25		2,500												
	Y67	34.43383598	-118.647604	7/7/25	1132	2,500	Moisture Condition, Soil/Dirt Compaction	7/16/25	1033	84.7					Moisture Condition, Soil/Dirt Compaction	8/6/25	1017	105
160				7/7/25		4.30												
161				7/7/25		5.13												
162				7/8/25		7.04												
163				7/7/25		873												
164				7/8/25		5.15												
165				7/7/25		256												
	B96	34.43328302	-118.648395	7/7/25	0856	256	Flow Increase	7/16/25	1027	6.3								
166				7/7/25		700												
	Y68	34.43371704	-118.648303	7/7/25	0750	700	Moisture Condition, Soil/Dirt Compaction	7/16/25	1029	14.3					Moisture Condition, Soil/Dirt Compaction	8/6/25	1108	20.8
167				7/7/25		9,000												
	Y69	34.43329099	-118.649328	7/7/25	1205	9,000	Wellhead Repaired	7/16/25	1020	365					Wellhead Repaired	8/6/25	1059	336
168				7/7/25		38												
169				7/7/25		8,000												
	Y65	34.43394997	-118.650263	7/7/25	0854	8,000	Moisture Condition, Soil/Dirt Compaction	7/16/25	1047	4.7					Moisture Condition, Soil/Dirt Compaction	8/6/25	1054	10.6
170				7/7/25		1,000												
	Y64	34.433796	-118.64907	7/7/25	0838	1,000	Moisture Condition, Soil/Dirt Compaction	7/16/25	1018	5.5					Moisture Condition, Soil/Dirt Compaction	8/6/25	1102	11.3
171				7/7/25		530												
	Y63	34.43404896	-118.648757	7/7/25	0824	530	Moisture Condition, Soil/Dirt Compaction	7/16/25	1014	351					Moisture Condition, Soil/Dirt Compaction	8/6/25	1103	382
172				7/7/25		5.09												
173				7/7/25		15.17												
174				7/7/25		5.91												

Table 1

175				7/7/25		1,517												
	Y41	34.43466503	-118.651096	7/7/25	0814	1,517	Flow Increase	7/16/25	1109	169					Flow Increase	8/6/25	1044	201
176				7/7/25		120												
177				7/7/25		59.19												
178				7/7/25		4,235												
	Y21	34.43588996	-118.648908	7/7/25	0752	4,235	Flow Increase	7/16/25	0949	7.9					Flow Increase	8/6/25	1118	15.3
	B21	34.43589801	-118.648903	7/7/25	0754	224	Flow Increase	7/16/25	0950	197								
179				7/7/25		12.10												
180				7/7/25		18.92												
181				7/7/25		16.82												
182				7/7/25		10.89												
183				7/7/25		17.32												
184				7/7/25		15.68												
185				7/7/25		868												
	Y2	34.43626598	-118.649171	7/7/25	1016	868	Moisture Condition, Soil/Dirt Compaction	7/16/25	0925	436					Moisture Condition, Soil/Dirt Compaction	8/6/25	1115	423
186				7/7/25		660												
	Y1	34.43666001	-118.649651	7/7/25	0906	660	Seal Repaired	7/16/25	0907	361					Seal Repaired	8/6/25	1039	408
187				7/7/25		14.12												
188				7/7/25		17.38												
189				7/7/25		15.11												
190				7/7/25		13.9												
191				7/7/25		12.43												
192				7/7/25		17.78												
193				7/7/25		10.14												
194				7/8/25		7.36												
195				7/8/25		7.37												
196				7/8/25		6.02												
197				7/8/25		30.00												
198				7/8/25		5.77												
199				7/8/25		11.77												
200				7/7/25		12.40												
201				7/7/25		602												
	Y42	34.43427301	-118.65121	7/7/25	0821	602	Moisture Condition, Soil/Dirt Compaction	7/16/25	1108	374					Moisture Condition, Soil/Dirt Compaction	8/6/25	1046	356
202				7/7/25		73.77												
203				7/7/25		95												
204				7/7/25		80												
205				7/7/25		2,450												
	Y43	34.43354898	-118.65201	7/7/25	0837	2,450	Moisture Condition, Soil/Dirt Compaction	7/16/25	1117	317					Moisture Condition, Soil/Dirt Compaction	8/6/25	1048	281
206				7/7/25		105												
207				7/7/25		8,000												
	Y66	34.43280903	-118.651394	7/7/25	0939	8,000	Moisture Condition, Soil/Dirt Compaction	7/16/25	1104	376					Moisture Condition, Soil/Dirt Compaction	8/6/25	1051	407
208				7/8/25		24.9												
209				7/8/25		20.21												
210				7/8/25		50.16												
211				7/8/25		17.24												
212				7/8/25		10.06												
213				7/8/25		21.6												
214				7/8/25		19.1												
215				7/8/25		824												
	Y101	34.43128101	-118.650647	7/8/25	1015	824	Moisture Condition, Soil/Dirt Compaction	7/17/25	0903	11.8					Moisture Condition, Soil/Dirt Compaction	8/6/25	1007	13.1
	Y102	34.43112804	-118.650565	7/8/25	1021	661	Flow Increase	7/17/25	0903	13.3					Flow Increase	8/6/25	1008	10.8
216				7/8/25		7.32												
217				7/8/25		5.73												
218				7/8/25		5.53												
219				7/8/25		5.56												
220				7/8/25		5.07												
221				7/8/25		36.40												
222				7/8/25		56.11												
223				7/8/25		46.20												
224				7/8/25		17.18												
225				7/8/25		28.10												
226				7/8/25		31.8												
227				7/8/25		27.11												
228				7/8/25		37.28												

Table 1

229				7/8/25		2,200												
	Y3	34.42934797	-118.649511	7/8/25	1037	2,200	Flow Increase	7/17/25	0911	34.9					Flow Increase	8/6/25	1002	46.8
230				7/8/25		21.16												
231				7/8/25		28.13												
232				7/8/25		51.60												
233				7/8/25		27.10												
234				7/9/25		Active Construction												
235				7/9/25		Active Construction												
236				7/9/25		Active Construction												
237				7/8/25		1,500												
	Y83	34.42813796	-118.648382	7/8/25	1012	1,500	Moisture Condition, Soil/Dirt Compaction	7/17/25	0920	77.1					Moisture Condition, Soil/Dirt Compaction	8/6/25	0958	67.9
	B81	34.42831599	-118.648318	7/8/25	1002	340	Flow Increase	7/17/25	0921	130								
238				7/8/25		338												
	B4	34.42787804	-118.648617	7/8/25	1145	338	Flow Increase	7/17/25	0918	79.8								
239				7/8/25		127												
240				7/8/25		101												
241				7/8/25		19.21												
242				7/8/25		53.12												
243				7/8/25		51.20												
244				7/8/25		49.37												
245				7/8/25		46.29												
246				7/8/25		900												
	Y81	34.42732399	-118.650077	7/8/25	0903	900	Moisture Condition, Soil/Dirt Compaction	7/17/25	0900	37.5					Moisture Condition, Soil/Dirt Compaction	8/6/25	0955	45.7
247				7/8/25		22.18												
248				7/8/25		160												
249				7/8/25		600												
	Y82	34.42762398	-118.648737	7/8/25	0953	600	Moisture Condition, Soil/Dirt Compaction	7/17/25	0915	106					Moisture Condition, Soil/Dirt Compaction	8/6/25	0957	200
250				7/9/25		Active Construction												
251				7/9/25		Active Construction												
252				7/9/25		Active Construction												
253				7/9/25		Active Construction												

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

July 2025 Chiquita Canyon Landfill Instantaneuous Surface Monitoring Reaction Area Sweep (7-21-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-DayCorrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneuous (Monthly)																		
53				7/21/25		3,328												
	Y129	34.43538797	-118.64576	7/21/25	0955	845	Moisture Condition, Soil/Dirt Compaction	7/31/25	0949	72.1					Moisture Condition, Soil/Dirt Compaction	8/20/25	1103	68.73
	Y130	34.43539501	-118.645748	7/21/25	0958	3,328	Flow Increase	7/31/25	0949	163					Flow Increase	8/20/25	1104	89.39
66				7/21/25		22.16												
76				7/21/25		16.29												
77				7/21/25		12.1												
78				7/21/25		12.98												
79				7/21/25		16.11												
80				7/21/25		12.21												
81				7/21/25		122												
82				7/21/25		508												
	Y81	34.43426203	-118.645701	7/21/25	0817	508	Moisture Condition, Soil/Dirt Compaction	7/31/25	0945	23.1					Moisture Condition, Soil/Dirt Compaction	8/20/25	1105	434
	Y82	34.43426698	-118.646054	7/21/25	0825	580	Flow Increase; Soil/Dirt Compaction	7/31/25	0946	40.3					Flow Increase; Soil/Dirt Compaction	8/20/25	1109	487
83				7/21/25		16.32												
88				7/21/25		14.5												
89				7/21/25		102												
90				7/21/25		17.68												
96				7/21/25		198												
99				7/21/25		714												
	Y228	34.43084003	-118.64716	7/21/25	1050	714	Flow Increase	7/31/25	1048	14.4					Flow Increase	8/20/25	1204	56.28
	B227	34.43107196	-118.646893	7/21/25	1043	246	Flow Increase	7/31/25	1049	13.5								
145				7/21/25		20.7												
146				7/21/25		18.83												
147				7/21/25		580												
	Y1	34.43567798	-118.646766	7/21/25	0934	580	Flow Increase; Soil/Dirt Compaction	7/31/25	0951	16.6					Flow Increase; Soil/Dirt Compaction	8/20/25	1100	472
148				7/21/25		23.68												
149				7/21/25		7.17												
150				7/21/25		1,744												
	Y41	34.43607504	-118.648043	7/21/25	0844	1,744	Flow Increase	7/31/25	0955	79.5					Flow Increase	8/20/25	1011	6.12
151				7/21/25		14.39												
152				7/21/25		46.31												
153				7/21/25		644												
154				7/21/25		48.26												
	Y62	34.43441299	-118.647615	7/21/25	1037	644	Flow Increase; Soil/Dirt Compaction	7/31/25	1012	138					Flow Increase; Soil/Dirt Compaction	8/20/25	1028	438
155				7/21/25		15.65												
156				7/21/25		1,447												
	Y42	34.43552401	-118.648847	7/21/25	0905	1,447	Flow Increase	7/31/25	1007	460					Flow Increase	8/20/25	1007	51.23
157				7/21/25		51.09												
158				7/21/25		500												
	Y2	34.434516	-118.648218	7/21/25	0955	500	Moisture Condition, Soil/Dirt Compaction	7/31/25	1014	83.9					Moisture Condition, Soil/Dirt Compaction	8/20/25	1026	498
159				7/21/25		42.43												
160				7/21/25		12.26												
161				7/21/25		18.73												
162				7/21/25		16.76												
163				7/21/25		4.21												
164				7/21/25		108												
165				7/21/25		3,180												
	Y123	34.43302503	-118.648075	7/21/25	0900	1,164	Flow Increase	7/31/25	1027	86.0					Flow Increase	8/20/25	1040	288
	Y124	34.43328797	-118.64805	7/21/25	0902	1,063	Flow Increase; Soil/Dirt Compaction	7/31/25	1029	412					Flow Increase; Soil/Dirt Compaction	8/20/25	1041	435
	Y125	34.43345703	-118.648298	7/21/25	0905	1,289	Flow Increase	7/31/25	1018	137					Flow Increase	8/20/25	1042	40.15

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	Y126	34.43314003	-118.64844	7/21/25	0908	950	Flow Increase	7/31/25	1025	209					Flow Increase	8/20/25	1038	106
	Y127	34.43306702	-118.648694	7/21/25	0911	3,180	Flow Increase	7/31/25	1023	276					Flow Increase	8/20/25	1036	15.51
	Y128	34.43315696	-118.648817	7/21/25	0913	875	Flow Increase	7/31/25	1022	13.4					Flow Increase	8/20/25	1035	326
166				7/21/25		6,000												
	Y83	34.43373104	-118.648319	7/21/25	0914	649	Moisture Condition, Soil/Dirt Compaction	7/31/25	1017	377					Moisture Condition, Soil/Dirt Compaction	8/20/25	1030	229
	Y84	34.43345401	-118.648543	7/21/25	0924	6,000	Moisture Condition, Soil/Dirt Compaction	7/31/25	1020	99.7					Moisture Condition, Soil/Dirt Compaction	8/20/25	1034	24.48
167				7/21/25		80.12												
168				7/21/25		7.8												
169				7/21/25		8.48												
170				7/21/25		56.11												
171				7/21/25		80.46												
172				7/21/25		5,612												
	Y61	34.43501397	-118.648857	7/21/25	0806	5,612	Flow Increase	7/31/25	1008	366					Flow Increase	8/20/25	1009	15.92
173				7/21/25		16.52												
174				7/21/25		11.4												
175				7/21/25		12.92												
176				7/21/25		12.36												
177				7/21/25		11.88												
178				7/21/25		10,000												
	Y131	34.43620697	-118.649001	7/21/25	1041	3,840	Flow Increase; Boot Repaired	7/31/25	0938	97.20					Flow Increase; Boot Repaired	8/20/25	0956	161
	Y132	34.43604503	-118.649326	7/21/25	1044	1,320	Flow Increase; Boot Repaired	7/31/25	0959	188					Flow Increase; Boot Repaired	8/20/25	0958	8.32
	Y133	34.43571503	-118.649216	7/21/25	1052	10,000	Wellhead Repaired	7/31/25	1004	142					Wellhead Repaired	8/20/25	1004	254
179				7/21/25		6,181												
	Y134	34.43583598	-118.64971	7/21/25	1103	6,181	Seal Repaired	7/31/25	1003	279					Seal Repaired	8/20/25	1001	134
	Y135	34.43576298	-118.649459	7/21/25	1105	5,178	Seal Repaired	7/31/25	1005	381					Seal Repaired	8/20/25	1003	59.12
180				7/21/25		12.01												
181				7/21/25		12.09												
182				7/21/25		47.1												
183				7/21/25		19.68												
184				7/21/25		500												
	Y21	34.43616296	-118.649782	7/21/25	1046	500	Seal Repaired	7/31/25	1000	33.8					Seal Repaired	8/20/25	1006	39
185				7/21/25		21.3												
186				7/21/25		34.1												
187				7/21/25		44.6												
188				7/21/25		59.19												
189				7/21/25		57.6												
190				7/21/25		74.5												
191				7/21/25		21.2												
192				7/21/25		41.16												
193				7/21/25		74.1												
194				7/21/25		15.8												
195				7/21/25		18.39												
196				7/21/25		200												
	B108	34.43180789	-118.6475413	7/21/25	0928	200	Flow Increase	7/31/25	1038	7.9								
197				7/21/25		1,321												
	Y121	34.43166498	-118.647655	7/21/25	0825	1,321	Flow Increase	7/31/25	1037	177					Flow Increase	8/20/25	1133	329
	Y122	34.43124597	-118.647744	7/21/25	0836	1,187	Flow Increase; Soil/Dirt Compaction	7/31/25	1040	70.4					Flow Increase; Soil/Dirt Compaction	8/20/25	1200	106
198				7/21/25		7,706												
	Y221	34.43172902	-118.648068	7/21/25	0827	7,706	Flow Increase; Soil/Dirt Compaction	7/31/25	1035	293					Flow Increase; Soil/Dirt Compaction	8/20/25	1109	487
199				7/21/25		18.35												
200				7/21/25		8.3												
201				7/21/25		47.83												
202				7/21/25		17.22												
203				7/21/25		11.2												
204				7/21/25		10.28												
205				7/21/25		40.32												
206				7/21/25		36.49												
207				7/21/25		7.08												
208				7/21/25		17.48												

Table 1

209				7/21/25		8.37												
210				7/21/25		143												
211				7/21/25		555												
	Y222	34.43158099	-118.64993	7/21/25	0854	555	Flow Increase; Soil/Dirt Compaction	7/31/25	1103	29.3					Flow Increase; Soil/Dirt Compaction		1210	32.09
212				7/21/25		26.03												
213				7/21/25		48.79												
214				7/21/25		70.18												
215				7/21/25		9,978												
	Y223	34.431294	-118.650637	7/21/25	0910	9,978	Moisture Condition, Soil/Dirt Compaction	7/31/25	1058	121					Moisture Condition, Soil/Dirt Compaction		1229	482
	Y224	34.43106299	-118.650481	7/21/25	0924	819	Moisture Condition, Soil/Dirt Compaction	7/31/25	1057	161					Moisture Condition, Soil/Dirt Compaction		1230	38.11
	B225	34.43596699	-118.646704	7/21/25	0802	218	Flow Increase	7/31/25	0950	14.3								
216				7/21/25		148												
217				7/21/25		212												
	B226	34.43036696	-118.648194	7/21/25	1020	212	Flow Increase	7/31/25	1045	9.3								

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

July 2025 Chiquita Canyon Landfill Instantaneous Surface Monitoring Reaction Area Sweep (7-23-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-DayCorrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneous (Monthly)																		
53				7/23/25		24.10												
66				7/23/25		105												
76				7/23/25		31.20												
	Y44	34.43647879	-118.6463828	7/23/25	0802	560	Moisture Condition, Soil/Dirt Compaction	7/31/25	0922	10.4					Moisture Condition, Soil/Dirt Compaction	8/20/25	0945	31.11
77				7/23/25		600												
	Y43	34.43768604	-118.646503	7/23/25	0816	600	Moisture Condition, Soil/Dirt Compaction	7/31/25	0933	44.0					Moisture Condition, Soil/Dirt Compaction	8/20/25	0935	82.31
78				7/23/25		500												
	Y45	34.43699897	-118.64671	7/23/25	0846	500	Flow Increase; Boot Repaired	7/31/25	0922	9.8					Flow Increase; Boot Repaired	8/20/25	0940	4.7
	B41	34.43759836	-118.6462196	7/23/25	0926	230	Flow Increase	7/31/25	0930	26.3								
79				7/23/25		5,000												
	Y42	34.43755402	-118.645937	7/23/25	0810	5,000	Flow Increase	7/31/25	0931	136					Flow Increase	8/20/25	0933	105
80				7/23/25		8,000												
	Y41	34.43765896	-118.644273	7/23/25	0801	8,000	Moisture Condition, Soil/Dirt Compaction	7/31/25	0936	267					Moisture Condition, Soil/Dirt Compaction	8/20/25	0930	428
81				7/23/25		680												
	Y81	34.43501104	-118.645376	7/23/25	0807	680	Moisture Condition, Soil/Dirt Compaction	7/31/25	0855	47.5					Moisture Condition, Soil/Dirt Compaction	8/20/25	1108	71.03
82				7/23/25		1,000												
	Y82	34.434272	-118.646059	7/23/25	0938	1,000	Moisture Condition, Soil/Dirt Compaction	7/31/25	0852	40.1					Moisture Condition, Soil/Dirt Compaction	8/20/25	1225	53.62
83				7/23/25		710												
	Y121	34.43424904	-118.646053	7/23/25	0803	710	Flow Increase	7/31/25	0851	54.9					Flow Increase	8/20/25	1033	3911
88				7/23/25		7.22												
89				7/23/25		18.69												
90				7/23/25		19.37												
96				7/23/25		47												
99				7/23/25		1,432												
	Y154	34.43082796	-118.647169	7/23/25	1027	1,432	Flow Increase	7/31/25	0818	178					Flow Increase	8/20/25	1204	58.11
	B155	34.43105201	-118.646693	7/23/25	1033	204	Flow Increase	7/31/25	0822	28.9								
145				7/23/25		8,000												
	Y46	34.43677098	-118.647555	7/23/25	0854	5,000	Seal Repaired	7/31/25	0926	367					Seal Repaired	8/20/25	1229	473
	Y47	34.43693804	-118.647669	7/23/25	0900	1,000	Seal Repaired	7/31/25	0928	29.6					Seal Repaired	8/20/25	0944	89.39
	Y48	34.43636396	-118.648453	7/23/25	0921	8,000	Seal Repaired	7/31/25	0918	462					Seal Repaired	8/20/25	0953	21.09
146				7/23/25		76.15												
147				7/23/25		96.15												
148				7/23/25		17.20												
149				7/23/25		23.24												
150				7/23/25		8,000												
	Y49	34.436529	-118.64872	7/23/25	0931	8,000	Flow Increase	7/31/25	0916	173					Flow Increase	8/20/25	0954	148
	Y50	34.43603296	-118.648274	7/23/25	0938	1,500	Moisture Condition, Soil/Dirt Compaction	7/31/25	0902	87.90					Moisture Condition, Soil/Dirt Compaction	8/20/25	1012	15.62
151				7/23/25		3,000												
	Y51	34.43570799	-118.64838	7/23/25	0944	3,000	Flow Increase	7/31/25	0903	271					Flow Increase	8/20/25	1222	186
152				7/23/25		22.55												
153				7/23/25		7.26												
154				7/23/25		27.06												
155				7/23/25		50.65												
156				7/23/25		970												
	Y21	34.43554304	-118.648848	7/23/25	0940	970	Seal Repaired	7/31/25	0907	61.3					Seal Repaired	8/20/25	0959	457
	Y22	34.43560003	-118.648831	7/23/25	0943	920	Flow Increase	7/31/25	0908	167					Flow Increase	8/20/25	1006	48.83
157				7/23/25		12.10												
158				7/23/25		98												
159				7/23/25		650												

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	Y83	34.43381804	-118.647296	7/23/25	0958	650	Flow Increase	7/31/25	0858	36.9					Flow Increase	8/20/25	1226	112
160				7/23/25		15.62												
161				7/23/25		13.83												
162				7/23/25		500												
	Y123	34.43223696	-118.646768	7/23/25	0943	500	Flow Increase	7/31/25	0839	185					Flow Increase	8/20/25	1128	492
163				7/23/25		11.13												
164				7/23/25		30.60												
165				7/23/25		20.77												
166				7/23/25		108												
167				7/23/25		8.86												
168				7/23/25		20.08												
169				7/23/25		19.10												
170				7/23/25		6.08												
171				7/23/25		16.42												
172				7/23/25		15.24												
173				7/23/25		21.11												
174				7/23/25		554												
	Y64	34.43421601	-118.650821	7/23/25	0913	554	Flow Increase	7/31/25	0810	219					Flow Increase	8/20/25	1227	78.29
175				7/23/25		270												
	B22	34.43597001	-118.648899	7/23/25	0953	270	Flow Increase	7/31/25	0912	12.4								
176				7/23/25		79.60												
177				7/23/25		52.31												
178				7/23/25		2,232												
	Y23	34.43591201	-118.648892	7/23/25	0950	2,232	Seal Repaired	7/31/25	0911	87.1					Seal Repaired	8/20/25	1015	481
	B21	34.43426404	-118.651219	7/23/25	0823	202	Flow Increase	7/31/25	0808	17.8								
179				7/23/25		101												
180				7/23/25		71.32												
181				7/23/25		54.60												
182				7/23/25		7.40												
183				7/23/25		6.12												
184				7/23/25		60.61												
185				7/23/25		21.68												
186				7/23/25		5.96												
187				7/23/25		6.27												
188				7/23/25		8.18												
189				7/23/25		7.67												
190				7/23/25		7.87												
191				7/23/25		7.45												
192				7/23/25		8.27												
193				7/23/25		8.04												
194				7/23/25		1,000												
	Y124	34.43145099	-118.646254	7/23/25	1038	800	Flow Increase	7/31/25	0845	8.7					Flow Increase	8/20/25	1149	444
	Y125	34.43158904	-118.645975	7/23/25	1042	875	Moisture Condition, Soil/Dirt Compaction	7/31/25	0846	13.3					Moisture Condition, Soil/Dirt Compaction	8/20/25	1148	279
	Y126	34.43166498	-118.645715	7/23/25	1046	1,000	Flow Increase; Soil/Dirt Compaction	7/31/25	0847	11.6					Flow Increase; Soil/Dirt Compaction	8/20/25	1147	371
195				7/23/25		7.62												
196				7/23/25		960												
	Y122	34.43184704	-118.647849	7/23/25	0919	960	Flow Increase; Soil/Dirt Compaction	7/31/25	0833	391					Flow Increase; Soil/Dirt Compaction	8/20/25	1135	375
197				7/23/25		7.31												
198				7/23/25		1,490												
	Y141	34.43218499	-118.648393	7/23/25	0808	987	Moisture Condition, Soil/Dirt Compaction	7/31/25	0837	117					Moisture Condition, Soil/Dirt Compaction	8/20/25	1139	164
	Y142	34.43201903	-118.648265	7/23/25	0812	1,490	Moisture Condition, Soil/Dirt Compaction	7/31/25	0836	48.7					Moisture Condition, Soil/Dirt Compaction	8/20/25	1138	19.23
199				7/23/25		16.0												
200				7/23/25		39.26												
201				7/23/25		110												
202				7/23/25		19.46												
203				7/23/25		26.14												
204				7/23/25		16.70												
205				7/23/25		17.96												
206				7/23/25		11.22												

Table 1

207				7/23/25		30.26													
208				7/23/25		23.82													
209				7/23/25		30.61													
210				7/23/25		Active Construction													
211				7/23/25		23.0													
212				7/23/25		16.0													
213				7/23/25		26.0													
214				7/23/25		43.0													
215				7/23/25		7,740													
	Y143	34.43127698	-118.650453	7/23/25	0853	7,240	Moisture Condition, Soil/Dirt Compaction	7/31/25	0802	466					Moisture Condition, Soil/Dirt Compaction	8/20/25	1220	480
	Y144	34.43121202	-118.650375	7/23/25	0855	4,662	Moisture Condition, Soil/Dirt Compaction	7/31/25	0801	313					Moisture Condition, Soil/Dirt Compaction	8/20/25	1215	388
	Y146	34.43111597	-118.650366	7/23/25	0900	4,900	Moisture Condition, Soil/Dirt Compaction	7/31/25	0800	154					Moisture Condition, Soil/Dirt Compaction	8/20/25	1216	417
	Y147	34.43100901	-118.650458	7/23/25	0903	3,290	Moisture Condition, Soil/Dirt Compaction	7/31/25	0800	171					Moisture Condition, Soil/Dirt Compaction	8/20/25	1217	283
	B23	34.431194	-118.650389	7/23/25	0857	470	Moisture Condition, Soil/Dirt Compaction	7/31/25	0801	112								
216				7/23/25		5,370													
	Y150	34.43056402	-118.647679	7/23/25	1007	882	Moisture Condition, Soil/Dirt Compaction	7/31/25	0816	72.6					Moisture Condition, Soil/Dirt Compaction	8/20/25	1207	79.36
	Y151	34.43063401	-118.647388	7/23/25	1010	5,370	Moisture Condition, Soil/Dirt Compaction	7/31/25	0816	181					Moisture Condition, Soil/Dirt Compaction	8/20/25	1202	443
	Y152	34.43084397	-118.647735	7/23/25	1015	3,032	Moisture Condition, Soil/Dirt Compaction	7/31/25	0825	407					Moisture Condition, Soil/Dirt Compaction	8/20/25	1204	299
	Y153	34.43091002	-118.647782	7/23/25	1017	571	Moisture Condition, Soil/Dirt Compaction	7/31/25	0826	133					Moisture Condition, Soil/Dirt Compaction	8/20/25	1205	109
217				7/23/25		3,165													
	Y148	34.43087499	-118.6483	7/23/25	0956	604	Moisture Condition, Soil/Dirt Compaction	7/31/25	0829	288					Moisture Condition, Soil/Dirt Compaction	8/20/25	1208	15.98
	Y149	34.43043804	-118.648213	7/23/25	1003	3,165	Moisture Condition, Soil/Dirt Compaction	7/31/25	0815	393					Moisture Condition, Soil/Dirt Compaction	8/20/25	1207	180

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

August 2025 Chiquita Canyon Landfill Instantaneous Surface Monitoring Full Site Sweep (8-4-25/8-5-25/8-6-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-DayCorrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneous (Monthly)																		
1				8/6/25		15.3												
2				8/6/25		8.1												
3				8/6/25		10.5												
4				8/6/25		14.7												
5				8/6/25		10.5												
6				8/6/25		Sukut Dirt Dumping												
7				8/6/25		7.2												
8				8/6/25		Sukut Dirt Dumping												
9				8/6/25		Sukut Dirt Dumping												
10				8/6/25		11.8												
11				8/5/25		6.28												
12				8/5/25		7.62												
13				8/5/25		5.85												
14				8/5/25		6.32												
15				8/5/25		9.40												
16				8/5/25		9.45												
17				8/5/25		6.40												
18				8/5/25		5.37												
19				8/5/25		5.25												
20				8/5/25		6.42												
21				8/5/25		4.93												
22				8/5/25		5.11												
23				8/5/25		2.98												
24				8/5/25		3.57												
25				8/5/25		2.15												
26				8/5/25		5.81												
27				8/5/25		7.94												
28				8/5/25		6.08												
29				8/5/25		4.48												
30				8/4/25		20.12												
31				8/4/25		56.29												
32				8/4/25		1,100												
	Y106	34.43464902	-118.645318	8/4/25	1053	650	Flow Increase; Cover Compaction	8/13/25	0746	34.9					Flow Increase; Cover Compaction	9/4/25	0833	300
	Y107	34.43480099	-118.645059	8/4/25	1059	1,100	Cover Compaction	8/13/25	0748	81.6					Cover Compaction	9/4/25	0820	178
33				8/4/25		34.37												
34				8/4/25		15.78												
35				8/5/25		2,206												
	Y321	34.432718	-118.643815	8/5/25	0830	2,206	Flow Increase	8/13/25	0857	180					Flow Increase	9/4/25	0810	78.09
36				8/4/25		22.87												
37				8/4/25		11.62												
38				8/4/25		21.28												
39				8/5/25		28.54												
40				8/4/25		14.98												
41				8/4/25		15.36												
42				8/4/25		19.09												
43				8/5/25		1,064												
	Y322	34.43304699	-118.642455	8/5/25	0845	1,064	Cover Compaction	8/13/25	0902	63.7					Cover Compaction	9/4/25	0805	105
	Y323	34.43314397	-118.642286	8/5/25	0848	687	Cover Compaction	8/13/25	0903	220					Cover Compaction	9/4/25	0806	220
44				8/4/25		16.76												
45				8/4/25		67.10												
46				8/4/25		15.46												
47				8/5/25		16.30												

Table 1

48				8/4/25		30.60												
49				8/4/25		34.63												
50				8/4/25		6.70												
51				8/4/25		17.34												
52				8/4/25		30.57												
53				8/4/25		2,402												
	Y64	34.43543399	-118.64573	8/4/25	1038	2,402	Moisture Condition, Soil/Dirt Compaction	8/13/25	0801	117					Moisture Condition, Soil/Dirt Compaction	9/4/25	0753	79.3
	Y65	34.43551403	-118.645665	8/4/25	1039	600	Moisture Condition, Soil/Dirt Compaction	8/13/25	0800	54.7					Moisture Condition, Soil/Dirt Compaction	9/4/25	0754	17.4
	B83	34.43548897	-118.645666	8/4/25	1049	345	Flow Increase	8/13/25	0800	47.9								
54				8/4/25		30.38												
55				8/4/25		62.92												
56				8/4/25		19.46												
57				8/4/25		21.21												
58				8/4/25		16.17												
59				8/4/25		7.95												
60				8/4/25		715												
	Y108	34.43524699	-118.644187	8/4/25	1114	715	Cover Compaction	8/13/25	0753	59.3					Cover Compaction	9/4/25	0909	222
61				8/4/25		929												
	Y109	34.43571797	-118.643624	8/4/25	0824	929	Flow Increase; Cover Compaction	8/13/25	0756	86.1					Flow Increase; Cover Compaction	9/4/25	0912	111
62				8/4/25		21.28												
63				8/4/25		24.11												
64				8/4/25		12.40												
65				8/4/25		18.17												
66				8/4/25		63.30												
67				8/4/25		25.98												
68				8/4/25		9.05												
69				8/4/25		19.22												
70				8/4/25		18.62												
71				8/4/25		14.91												
72				8/4/25		20.46												
73				8/4/25		14.11												
74				8/4/25		30.00												
75				8/4/25		11.60												
76				8/4/25		20.42												
77				8/4/25		16.1												
78				8/4/25		1,203												
	Y121	34.43716703	-118.646587	8/4/25	0831	1,203	Flow Increase	8/13/25	0833	376					Flow Increase	9/4/25	0924	2.2
79				8/4/25		12.6												
80				8/4/25		17.92												
81				8/4/25		243												
	B64	34.43497097	-118.645445	8/4/25	1119	243	Flow Increase	8/13/25	0750	54.2								
82				8/4/25		585												
	Y81	34.43463796	-118.64566	8/4/25	1040	585	Flow Increase	8/13/25	0744	18.5					Flow Increase	9/4/25	0831	30.02
83				8/4/25		94.50												
84				8/4/25		1,140												
	Y25	34.43312704	-118.64558	8/4/25	1100	1,140	Flow Increase; Cover Compaction	8/13/25	0739	276					Flow Increase; Cover Compaction	9/4/25	0842	42.78
85				8/4/25		990												
	Y26	34.43271297	-118.64538	8/4/25	1115	990	Flow Increase; Cover Compaction	8/13/25	0737	179					Flow Increase; Cover Compaction	9/4/25	0902	2.78
86				8/4/25		1,700												
	Y27	34.43236596	-118.645497	8/4/25	1129	1,700	Flow Increase	8/13/25	0734	133					Flow Increase	9/4/25	0900	9.11
87				8/4/25		135												
88				8/4/25		85.30												
89				8/4/25		90.65												
90				8/4/25		5.60												
91				8/5/25		17.31												
92				8/5/25		15.35												
93				8/5/25		650												
	Y223	34.43099703	-118.644561	8/5/25	0900	650	Cover Compaction	8/13/25	0910	17.1					Cover Compaction	9/4/25	0930	18.25

Table 1

94				8/5/25		30.56													
95				8/5/25		16.32													
96				8/5/25		9.11													
97				8/5/25		12.30													
98				8/5/25		17.27													
99				8/5/25		8.61													
100				8/5/25		13.52													
101				8/5/25		14.55													
102				8/5/25		16.27													
103				8/5/25		13.45													
104				8/5/25		15.62													
105				8/5/25		5.52													
106				8/5/25		3.34													
107				8/5/25		5.31													
108				8/6/25		9.2													
109				8/6/25		13.7													
110				8/6/25		16.4													
111				8/6/25		6.6													
112				8/6/25		7.0													
113				8/6/25		10.9													
114				8/6/25		8.2													
115				8/6/25		7.4													
116				8/6/25		20.4													
117				8/6/25		10.6													
118				8/6/25		7.3													
119				8/6/25		10.0													
120				8/6/25		12.2													
121				8/6/25		10.9													
122				8/6/25		7.0													
123				8/6/25		14.5													
124				8/6/25		6.1													
125				8/6/25		15.8													
126				8/6/25		12.3													
127				8/6/25		9.1													
128				8/6/25		6.8													
129				8/6/25		15.9													
130				8/6/25		5.3													
131				8/6/25		16.4													
132				8/6/25		7.0													
133				8/6/25		10.8													
134				8/6/25		7.6													
135				8/6/25		18.2													
136				8/6/25		7.4													
137				8/6/25		12.1													
138				8/6/25		9.0													
139				8/6/25		7.3													
140				8/6/25		8.5													
141				8/6/25		7.5													
142				8/6/25		10.7													
143				8/6/25		11.8													
144				8/5/25		5.96													
145				8/4/25		22.56													
146				8/4/25		11.44													
147				8/4/25		248													
	B81	34.43563901	-118.64674	8/4/25	1018	248	Flow Increase	8/13/25	0805	90.3									
148				8/4/25		259													
	B61	34.43598996	-118.647151	8/4/25	0925	259	Flow Increase	8/13/25	0807	44.1									
149				8/4/25		11.52													

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	Y66	34.43438902	-118.646363	8/4/25	1127	825	Flow Increase; Cover Compaction	8/13/25	0742	21.6					Flow Increase; Cover Compaction	9/4/25	0829	192
150				8/4/25		19.16												
151				8/4/25		812												
	Y62	34.43554396	-118.64775	8/4/25	0908	812	Moisture Condition, Soil/Dirt Compaction	8/13/25	0812	32.6					Moisture Condition, Soil/Dirt Compaction	9/4/25	0800	6.83
152				8/4/25		392												
	B62	34.43541496	-118.647168	8/4/25	0931	392	Flow Increase	8/13/25	0804	63.7								
153				8/4/25		57.21												
154				8/4/25		30.92												
155				8/4/25		6.00												
156				8/4/25		1,346												
	Y61	34.43568796	-118.648362	8/4/25	0852	1,346	Flow Increase; Boot Repaired	8/13/25	0814	231					Flow Increase; Boot Repaired	9/4/25	0803	3.68
157				8/4/25		5,439												
	Y63	34.43568796	-118.648362	8/4/25	0852	5,439	Flow Increase; Boot Repaired	8/13/25	0809	179					Flow Increase; Boot Repaired	9/4/25	0801	4.68
158				8/4/25		77.15												
159				8/4/25		1,000												
	Y103	34.43388904	-118.647983	8/4/25	0930	1,000	Flow Increase	8/13/25	0821	88.2					Flow Increase	9/4/25	0823	54.76
	Y104	34.43406204	-118.647684	8/4/25	0942	500	Flow Increase	8/13/25	0819	29.6					Flow Increase	9/4/25	0824	100
	Y105	34.43413203	-118.647447	8/4/25	0950	675	Cover Compaction	8/13/25	0818	36.2					Cover Compaction	9/4/25	0826	191
160				8/4/25		768												
	Y82	34.43332703	-118.647138	8/4/25	1136	768	Flow Increase	8/13/25	0828	154					Flow Increase	9/4/25	0837	481
161				8/4/25		117												
162				8/4/25		1,100												
	Y28	34.43213403	-118.646552	8/4/25	1204	1,100	Flow Increase	8/13/25	0732	93.6					Flow Increase	9/4/25	0856	168
	Y101	34.433307	-118.649304	8/4/25	0912	621	Boot Repaired	8/13/25	0825	21.7					Boot Repaired	9/4/25	0818	75.68
163				8/4/25		15.64												
164				8/4/25		23.24												
165				8/4/25		43.03												
166				8/4/25		891												
	Y102	34.433753	-118.648296	8/4/25	0924	891	Flow Increase; Cover Compaction	8/13/25	0822	73.4					Flow Increase; Cover Compaction	9/4/25	0821	122
167				8/4/25		32.39												
168				8/4/25		6.99												
169				8/4/25		10.53												
170				8/4/25		11.37												
171				8/4/25		12.70												
172				8/4/25		17.71												
173				8/4/25		9.99												
174				8/4/25		18.69												
175				8/4/25		15.20												
176				8/4/25		13.47												
177				8/4/25		19.60												
178				8/4/25		1,050												
	Y24	34.43591301	-118.648867	8/4/25	0933	1,050	Flow Increase	8/13/25	0846	189					Flow Increase	9/4/25	0805	56.34
179				8/4/25		620												
	Y23	34.43595802	-118.649332	8/4/25	0922	620	Flow Increase; Boot Repaired	8/13/25	0844	239					Flow Increase; Boot Repaired	9/4/25	0807	64.73
180				8/4/25		10.75												
181				8/4/25		10.42												
182				8/4/25		10.16												
183				8/4/25		80.35												
184				8/4/25		555												
	Y22	34.43616799	-118.649803	8/4/25	0837	555	Boot Repaired	8/13/25	0842	337					Boot Repaired	9/4/25	0809	124
185				8/4/25		1,057												
	Y21	34.43649304	-118.648823	8/4/25	0818	1,057	Boot Repaired	8/13/25	0838	410					Boot Repaired	9/4/25	0811	4.22
186				8/4/25		22.33												
187				8/4/25		14.62												
188				8/4/25		10.23												
189				8/4/25		10.49												
190				8/4/25		9.86												
191				8/4/25		10.76												

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192				8/4/25		9.06												
193				8/4/25		10.17												
194				8/5/25		10.31												
195				8/5/25		12.16												
196				8/4/25		2,500												
	Y29	34.43191099	-118.647802	8/4/25		2,500	Cover Compaction	8/13/25	0730	130					Cover Compaction	9/4/25	0851	100
197				8/5/25		13.32												
198				8/5/25		6.53												
199				8/5/25		4.38												
200				8/4/25		9.92												
201				8/4/25		10.07												
202				8/4/25		10.04												
203				8/4/25		7.63												
204				8/4/25		7.21												
205				8/4/25		72.23												
206				8/4/25		36.11												
207				8/4/25		17.97												
208				8/4/25		11.77												
209				8/4/25		18.49												
210				8/5/25		601												
	Y202	34.43144797	-118.650648	8/5/25	0959	527	Cover Compaction	8/13/25	0931	40.4					Cover Compaction	9/4/25	0920	235
	Y203	34.43163699	-118.650693	8/5/25	1001	546	Cover Compaction	8/13/25	0932	73.1					Cover Compaction	9/4/25	0922	180
	Y204	34.43167697	-118.650729	8/5/25	1004	601	Cover Compaction	8/13/25	0932	74.8					Cover Compaction	9/4/25	0927	78.70
211				8/5/25		12.37												
212				8/5/25		5.71												
213				8/5/25		11.45												
214				8/5/25		3.02												
	B201	34.43109903	-118.650288	8/5/25	0938	235	Flow Increase	8/13/25	0928	19.3								
215				8/5/25		2,123												
	Y201	34.43126701	-118.650641	8/5/25	0952	2,123	Cover Compaction	8/13/25	0930	59.2					Cover Compaction	9/4/25	0918	190
216				8/5/25		7.49												
217				8/5/25		8.13												
218				8/5/25		7.22												
219				8/5/25		8.39												
220				8/5/25		4.31												
221				8/5/25		2,500												
	Y261	34.43007602	-118.647945	8/5/25	0825	2,500	Flow Increase; Cover Compaction	8/13/25	0921	310					Flow Increase; Cover Compaction	9/4/25	0833	98.16
222				8/5/25		777												
	Y262	34.42970202	-118.648575	8/5/25	0826	777	Flow Increase	8/13/25	0919	163					Flow Increase	9/45/25	0835	450
223				8/5/25		8.16												
224				8/5/25		7.31												
225				8/5/25		7.23												
226				8/5/25		6.41												
227				8/5/25		4,235												
	Y205	34.42963497	-118.651104	8/5/25	1030	600	Cover Compaction	8/13/25	0926	188					Cover Compaction			
	Y206	34.42961502	-118.651107	8/5/25	1034	4,235	Cover Compaction	8/13/25	0926	191					Cover Compaction			
228				8/5/25		10.12										9/4/25	0935	150
229				8/5/25		11.09										9/4/25	0941	180
230				8/5/25		670												
	Y263	34.42924798	-118.649123	8/5/25	0838	670	Flow Increase	8/13/25	0916	709					Flow Increase	9/4/25	0837	430
231				8/5/25		7.94												
232				8/5/25		13.68												
233				8/5/25		540												
	Y264	34.42953103	-118.647749	8/5/25	0924	540	Flow Increase	8/13/25	0913	66.8					Flow Increase	9/4/25	0820	190.17
234				8/5/25		14.28												
235				8/5/25		13.26												
236				8/5/25		18.20												
237				8/5/25		737												

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	Y265	34.428088	-118.648412	8/5/25	0948	737	Flow Increase	8/13/25	0950	262					Flow Increase	9/4/25	0858	330
238				8/6/25		Active Construction												
239				8/6/25		Active Construction												
240				8/6/25		Active Construction												
241				8/5/25		4,213												
	Y211	34.42841498	-118.64989	8/5/25	1153	4,213	Moisture Condition, Soil/Dirt Compaction	8/13/25	0944	77.6					Moisture Condition, Soil/Dirt Compaction	9/4/25	0841	300
242				8/5/25		4,025												
	Y207	34.42855001	-118.650361	8/5/25	1116	608	Cover Compaction	8/13/25	0941	93.8					Cover Compaction	9/4/25	0908	470
	Y208	34.42837198	-118.650537	8/5/25	1124	2,742	Cover Compaction	8/13/25	0939	119					Cover Compaction	9/4/25	0844	160
	Y209	34.42830099	-118.650668	8/5/25	1128	4,025	Cover Compaction	8/13/25	0938	216					Cover Compaction	9/4/25	0845	200
243				8/5/25		35.47												
	B202	34.42856996	-118.650919	8/5/25	1104	280	Flow increase	8/13/25	0936	30.4								
244				8/5/25		17.25												
245				8/5/25		541												
	Y210	34.42777301	-118.650444	8/5/25	1138	541	Moisture Condition, Soil/Dirt Compaction	8/13/25	0948	118					Moisture Condition, Soil/Dirt Compaction	9/4/25	0945	435
246				8/6/25		Active Construction												
247				8/6/25		Active Construction												
248				8/6/25		Active Construction												
249				8/5/25		7.20												
250				8/5/25		6.29												
251				8/5/25		6.04												
252				8/6/25		Active Construction												
253				8/6/25		Active Construction												

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

August 2025 Chiquita Canyon Landfill Instantaneous Surface Monitoring Full Site Sweep (8-12-25/8-13-25/8-14-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-DayCorrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneous (Monthly)																		
1				8/13/25		8.40												
2				8/13/25		8.29												
3				8/14/25		4.62												
4				8/14/25		Active Construction												
5				8/14/25		Active Construction												
6				8/14/25		Active Construction												
7				8/14/25		Active Construction												
8				8/14/25		6.30												
9				8/14/25		Active Construction												
10				8/14/25		Active Construction												
11				8/14/25		4.32												
12				8/14/25		5.62												
13				8/14/25		6.19												
14				8/14/25		5.19												
15				8/14/25		4.18												
16				8/14/25		5.15												
17				8/14/25		3.11												
18				8/14/25		4.13												
19				8/14/25		4.21												
20				8/14/25		5.21												
21				8/13/25		800												
	Y1	34.43366499	-118.640812	8/13/25	0932	800	Moisture Condition, Soil/Dirt Compaction	8/22/25	0822	177					Moisture Condition, Soil/Dirt Compaction	9/11/25	0909	176
22				8/13/25		5.16												
23				8/13/25		5.31												
24				8/13/25		4.16												
25				8/13/25		4.11												
26				8/13/25		3.91												
27				8/13/25		4.47												
28A				8/13/25		5.25												
29				8/13/25		4.61												
30				8/12/25		14.45												
31				8/13/25		3,000												
	Y46	34.432358	-118.64488	8/13/25	1139	3,000	Flow Increase	8/22/25	0804	219					Flow Increase	9/11/25	0842	377
32				8/12/25		650												
	Y104	34.43481004	-118.64499	8/12/25	0931	650	Cover Compaction	8/22/25	0930	37.8					Cover Compaction	9/11/25	0722	290
33				8/12/25		611												
	Y105	34.43383204	-118.644762	8/12/25	0844	611	Flow Increase	8/22/25	0854	139					Flow Increase	9/11/25	0746	56.1
34				8/13/25		1,290												
	Y45	34.43344899	-118.644558	8/13/25	1111	1,290	Flow Increase	8/22/25	0808	466					Flow Increase	9/11/25	0840	290
35				8/13/25		101												
36				8/12/25		368												
	B200	34.43447099	-118.644243	8/12/25	933	368	Flow Increase	8/22/25	0857	180								
37				8/12/25		2,338												
	Y200	34.434243	-118.644199	8/12/25	0948	2,338	Flow Increase	8/22/25	0855	197					Flow Increase	9/11/25	0715	267
	B201	34.43425197	-118.644089	8/12/25	1011	270	Flow Increase	8/22/25	0856	84.6								
38				8/12/25		185												
39				8/13/25		21.60												
40				8/13/25		27.64												
41				8/13/25		65.10												
42				8/13/25		1,250												
	Y43	34.43370002	-118.642387	8/13/25	0943	1,250	Flow Increase; Cover Compaction	8/22/25	0811	397					Flow Increase; Cover Compaction	9/11/25	0849	48.1
43				8/13/25		31.11												
44				8/14/25		1,458												
	Y144	34.43528001	-118.641289	8/14/25	0847	1,458	Flow Increase; Cover Compaction	8/22/25	1050	301					Flow Increase; Cover Compaction	9/12/25	0933	24.40
45				8/13/25		20.64												
46				8/13/25		6.31												
47				8/13/25		7.61												

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48				8/13/25		6.11												
49				8/13/25		89.60												
50				8/13/25		3,000												
	Y44	34.43249403	-118.643319	8/13/25	1046	3,000	Cover Compaction	8/22/25	0816	429					Cover Compaction	9/11/25	0845	93.6
51				8/14/25		1,238												
	Y143	34.43252102	-118.64165	8/14/25	0832	1,238	Flow Increase	8/22/25	1059	291					Flow Increase	9/12/25	0929	20.59
52				8/13/25	1109	900												
	Y2	34.43310197	-118.642274	8/13/25	1119	900	Flow Increase	8/22/25	0813	251					Flow Increase	9/11/25	0851	46.1
	Y3	34.43285697	-118.642208	8/13/25		700	Flow Increase	8/22/25	0814	66.3					Flow Increase	9/11/25	0852	33.7
53				8/12/25		2,000												
	Y47	34.43536199	-118.645776	8/12/25	1122	2,000	Cover Compaction	8/22/25	0939	379					Cover Compaction	9/11/25	0717	377
54				8/12/25		815												
	Y102	34.43562602	-118.644892	8/12/25	0901	815	Flow Increase; Cover Compaction	8/22/25	0933	108					Flow Increase; Cover Compaction	9/11/25	0714	139
55				8/13/25		29.10												
56				8/13/25		650												
	Y42	34.43654099	-118.643034	8/13/25	0847	650	Flow Increase; Cover Compaction	8/22/25	0744	122					Flow Increase; Cover Compaction	9/11/25	0900	52.4
57				8/13/25		17.16												
58				8/14/25		10,260												
	Y148	34.43713501	-118.64165	8/14/25	0903	10,260	Flow Increase	8/22/25	1103	226					Flow Increase	9/12/25	0941	167
59				8/12/25		512												
	Y103	34.435134	-118.64508	8/12/25	0918	512	Flow Increase; Cover Compaction	8/22/25	0931	52.3					Flow Increase; Cover Compaction	9/11/25	0723	311
60				8/13/25		34.60												
61				8/13/25		49.20												
62				8/13/25		5,000												
	Y21	34.43552803	-118.642337	8/13/25	0825	5,000	Cover Compaction	8/22/25	0752	396					Cover Compaction	9/11/25	0856	413
63				8/13/25		70.03												
64				8/13/25		5.45												
65				8/13/25		10,428												
	Y22	34.43641702	-118.641403	8/13/25	0849	1,200	Moisture Condition, Soil/Dirt Compaction	8/22/25	0755	344					Moisture Condition, Soil/Dirt Compaction	9/11/25	0905	262
	Y145	34.43621099	-118.640981	8/14/25	0853	944	Flow Increase; Cover Compaction	8/22/25	1110	88.1					Flow Increase; Cover Compaction	9/12/25	0935	318
	Y146	34.43629196	-118.641034	8/14/25	0855	1,168	Flow Increase; Cover Compaction	8/22/25	1112	90.3					Flow Increase; Cover Compaction	9/12/25	0935	215
	Y147	34.43666403	-118.641272	8/14/25	0857	10,428	Flow Increase	8/22/25	1115	191					Flow Increase	9/12/25	0940	25.32
66				8/12/25		22.18												
67				8/12/25		906												
	Y101	34.43601402	-118.645879	8/12/25	0851	906	Cover Compaction	8/22/25	0937	162					Cover Compaction	9/11/25	0715	93.1
68				8/13/25		520												
	Y41	34.43639204	-118.644251	8/13/25	0826	520	Flow Increase	8/22/25	0748	176					Flow Increase	9/11/25	0901	36.3
69				8/13/25		24.19												
70				8/13/25		6.59												
71				8/13/25		10.68												
72				8/12/25		26.10												
73				8/12/25		51.11												
74				8/12/25		72.16												
75				8/12/25		18.56												
76				8/12/25		1,000												
	Y41	34.43641199	-118.645932	8/12/25	0839	1,000	Flow Increase	8/22/25	0907	29.1					Flow Increase	9/11/25	0708	47.7
77				8/12/25		145												
78				8/12/25		82.60												
79				8/12/25		1,432												
	Y28	34.43756701	-118.645913	8/12/25	1047	1,432	Flow Increase	8/22/25	0903	377					Flow Increase	9/11/25	0706	87.4
80				8/12/25		119												
81				8/12/25		92												
82				8/12/25		1,500												
	Y81	34.43426002	-118.645643	8/12/25	0816	1,500	Flow Increase; Cover Compaction	8/22/25	0949	381					Flow Increase; Cover Compaction	9/11/25	0725	160
83				8/12/25		950												
	Y82	34.43378703	-118.645707	8/12/25	0821	950	Flow Increase	8/2/25	0951	223					Flow Increase	9/11/25	0730	76.1
84				8/12/25		11.40												
85				8/12/25		701												
	Y108	34.43269	-118.645548	8/12/25	1103	701	Flow Increase	8/22/25	0851	106					Flow Increase	9/11/25	0744	136
86				8/12/25		615												
	Y109	34.43219698	-118.645577	8/12/25	1112	615	Cover Compaction	8/22/25	0849	71.6					Cover Compaction	9/11/25	0744	217
87				8/12/25		7.87												
88				8/12/25		10.25												

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89				8/12/25		21.60												
90				8/12/25		34.10												
91				8/13/25		170												
92				8/13/25		5,000												
	Y23	34.43162701	-118.643316	8/13/25	1037	5,000	Cover Compaction	8/22/25	0820	93.1					Cover Compaction	9/11/25	0911	48.9
	B141	34.43182499	-118.643098	8/14/25	0824	307	Flow Increase	8/22/25	1130	101								
93				8/14/25		9,395												
	Y141	34.43102201	-118.644066	8/14/25	0820	1,135	Moisture Condition, Soil/Dirt Compaction	8/22/25	1010	169					Moisture Condition, Soil/Dirt Compaction	9/12/25	0925	483
	Y142	34.43124899	-118.643781	8/14/25	0818	9,395	Flow Increase; Cover Compaction	8/22/25	1034	176					Flow Increase; Cover Compaction	9/12/25	0924	50.15
94				8/13/25		14.70												
95				8/13/25		1,500												
	Y24	34.43008499	-118.645353	8/13/25	1133	1,500	Cover Compaction	8/22/25	0832	383					Cover Compaction	9/11/25	0913	19.7
96				8/13/25		19.77												
97				8/13/25		21.88												
98				8/13/25		35.25												
99				8/13/25		18.04												
100				8/13/25		187												
101				8/13/25		40.65												
102				8/13/25		16.66												
103				8/13/25		25.38												
104				8/13/25		24.98												
105				8/13/25		5.34												
106				8/13/25		5.42												
107				8/13/25		3.70												
108				8/14/25		6.25												
109				8/14/25		6.80												
110				8/14/25		4.87												
111				8/14/25		5.54												
112				8/14/25		7.82												
113				8/14/25		4.75												
114				8/14/25		8.36												
115				8/14/25		7.60												
116				8/13/25		18.10												
117				8/13/25		8.74												
118				8/14/25		4.76												
119				8/14/25		5.14												
120				8/14/25		5.32												
121				8/14/25		5.80												
122				8/14/25		6.25												
123				8/13/25		17.91												
124				8/13/25		17.97												
125				8/14/25		4.65												
126				8/14/25		4.27												
127				8/14/25		4.65												
128				8/14/25		7.60												
129				8/14/25		8.40												
130				8/13/25		18.36												
131				8/13/25		17.91												
132				8/14/25		4.56												
133				8/14/25		5.06												
134				8/14/25		4.37												
135				8/14/25		3.96												
136				8/14/25		5.45												
137				8/14/25		6.75												
138				8/14/25		5.41												
139				8/14/25		5.19												
140				8/14/25		6.15												
141				8/14/25		4.32												
142				8/14/25		4.91												
143				8/14/25		5.10												
144				8/14/25		6.89												
145				8/12/25		61.32												
146				8/12/25		145												

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147				8/12/25		2,000												
	Y42	34.43565904	-118.646771	8/12/25	0851	2,000	Flow Increase; Cover Compaction	8/22/25	0942	60.4					Flow Increase; Cover Compaction	9/11/25	0720	404
	Y84	34.43453503	-118.646013	8/12/25	0829	750	Flow Increase	8/22/25	0946	277					Flow Increase	9/11/25	0728	78.2
148				8/12/25		4,000												
	Y48	34.43538403	-118.64643	8/12/25	1133	4,000	Cover Compaction	8/22/25	0941	273					Cover Compaction	9/11/25	0719	429
149				8/12/25		1,900												
	Y83	34.43429497	-118.646052	8/12/25	0824	1,900	Flow Increase; Cover Compaction	8/22/25	0948	452					Flow Increase; Cover Compaction	9/11/25	0726	209
150				8/12/25		105												
151				8/12/25		76.30												
152				8/12/25		13.24												
153				8/12/25		20.18												
154				8/12/25		820												
	Y85	34.43406204	-118.646805	8/12/25	0835	820	Flow Increase	8/22/25	0954	337					Flow Increase	9/11/25	0753	105
155				8/12/25		1,000												
	Y86	34.43379097	-118.646552	8/12/25	0847	1,000	Flow Increase	8/22/25	0953	80.1					Flow Increase	9/11/25	0754	115
156				8/12/25		3,823												
	Y26	34.435365	-118.64866	8/12/25	0912	3,823	Cover Compaction	8/22/25	0924	61.4					Cover Compaction	9/11/25	0833	460
	Y27	34.43553398	-118.648831	8/12/25	0916	500	Cover Compaction	8/22/25	0925	40.1					Cover Compaction	9/11/25	0834	15.1
157				8/12/25		22.34												
158				8/12/25		5,000												
	Y46	34.43443101	-118.647586	8/12/25	1011	5,000		8/22/25	0944	291						9/11/25	0811	121
159				8/12/25		640												
	Y66	34.43372098	-118.647947	8/12/25	1141	600	Cover Compaction	8/22/25	1002	27.6					Cover Compaction	9/11/25	0808	90.3
	Y67	34.43383204	-118.647603	8/12/25	1148	690	Cover Compaction	8/22/25	0959	33.2					Cover Compaction	9/11/25	0809	480
	Y68	34.43390102	-118.647995	8/12/25	1153	500	Cover Compaction	8/22/25	1001	19.6					Cover Compaction	9/11/25	0807	36.8
160				8/12/25		1,600												
	Y87	34.43338604	-118.646949	8/12/25	0919	1,700	Flow Increase	8/22/25	0957	380					Flow Increase	9/11/25	0757	20.1
161				8/12/25		3,000												
	Y88	34.43253301	-118.647192	8/12/25	0938	3,000	Flow Increase	8/22/25	0845	290					Flow Increase	9/11/25	0732	319
162				8/12/25		1,600												
	Y89	34.43219597	-118.64676	8/12/25	1019	1,400	Flow Increase; Cover Compaction	8/22/25	0847	404					Flow Increase; Cover Compaction	9/11/25	0740	133
163				8/12/25		500												
	Y69	34.43248096	-118.648049	8/12/25	1210	500	Flow Increase	8/22/25	0844	48.7					Flow Increase	9/11/25	0735	64.9
164				8/12/25		15.16												
165				8/12/25		500												
	Y62	34.43313299	-118.648452	8/12/25	1109	500	Cover Compaction	8/22/25	1010	47.2					Cover Compaction	9/11/25	0802	6.9
166				8/12/25		1,600												
	Y63	34.43342099	-118.648522	8/12/25	1118	1,600	Cover Compaction	8/22/25	1008	119					Cover Compaction	9/11/25	0804	15.6
	Y64	34.43369701	-118.648326	8/12/25	1125	700	Cover Compaction	8/22/25	1004	81.3					Cover Compaction	9/11/25	0806	13.7
	Y65	34.43371997	-118.648678	8/12/25	1131	1,100	Cover Compaction	8/22/25	1007	13.7					Cover Compaction	9/11/25	0805	59.1
167				8/12/25		58.16												
168				8/12/25		17.49												
169				8/12/25		18.24												
170				8/12/25		10.20												
171				8/12/25		18.20												
172				8/12/25		4,000												
	Y43	34.43461097	-118.648634	8/12/25	0922	4,000	Cover Compaction	8/22/25	0922	144					Cover Compaction	9/11/25	0814	29.2
	Y44	34.43449496	-118.648975	8/12/25	0936	3,500	Flow Increase	8/22/25	0920	167					Flow Increase	9/11/25	0815	11.5
173				8/12/25		4,000												
	Y45	34.43449899	-118.649679	8/12/25	0946	4,000	Flow Increase	8/22/25	0919	13.7					Flow Increase	9/11/25	0818	14.6
174				8/12/25		735												
	Y61	34.43422297	-118.65083	8/12/25	0827	735	Cover Compaction	8/22/25	1020	117					Cover Compaction	9/11/25	0827	119
175				8/12/25		548												
	Y22	34.434573	-118.650738	8/12/25	0830	548	Flow Increase	8/22/25	1017	377					Flow Increase	9/11/25	0825	55.1
176				8/12/25		2,143												
	Y21	34.43459596	-118.650886	8/12/25	0827	500	Cover Compaction	8/22/25	1018	412					Cover Compaction	9/11/25	0826	74.6
	Y23	34.43464399	-118.650281	8/12/25	0838	1,458	Boot Repaired	8/22/25	0917	66.1					Boot Repaired	9/11/25	0823	310
	Y24	34.43483099	-118.650183	8/12/25	0843	500	Boot Repaired	8/22/25	0914	113					Boot Repaired	9/11/25	0820	19.6
	Y25	34.43478196	-118.650026	8/12/25	0846	2,143	Boot Repaired	8/22/25	0914	70.4					Boot Repaired	9/11/25	0820	46.4
	B21	34.43471901	-118.650218	8/12/25	0841	232	Flow Increase	8/22/25	0916	40.6								
177				8/12/25		58.60												
178				8/12/25		53.30												
179				8/12/25		89.90												

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180				8/12/25		52.20												
181				8/12/25		28.52												
182				8/12/25		14.00												
183				8/12/25		8.72												
184				8/12/25		278												
	B1	34.43611803	-118.649791	8/12/25	1049	278	Flow Increase	8/22/25	0911	170								
185				8/12/25		8.78												
186				8/12/25		7.92												
187				8/12/25		8.02												
188				8/12/25		8.72												
189				8/12/25		10.92												
190				8/12/25		7.62												
191				8/12/25		8.53												
192				8/12/25		7.42												
193				8/12/25		8.00												
194				8/12/25		8.65												
195				8/12/25		9.22												
196				8/12/25		1,830												
	Y90	34.43219899	-118.647595	8/12/25	1028	1,830	Flow Increase	8/22/25	0842	97.4						Flow Increase	9/11/25	0733	32.6
197				8/12/25		7.50												
198				8/12/25		1,200												
	Y91	34.43206798	-118.648783	8/12/25	1052	1,200	Moisture Condition, Soil/Dirt Compaction	8/22/24	0840	28.6						Moisture Condition, Soil/Dirt Compaction	9/11/25	0737	103
199				8/12/25		6.73												
200				8/12/25		43.64												
201				8/12/25		31.10												
202				8/12/25		14.47												
203				8/12/25		17.52												
204				8/12/25		19.61												
205				8/12/25		14.39												
206				8/12/25		16.48												
207				8/12/25		18.11												
208				8/12/25		15.32												
209				8/12/25		14.48												
210				8/12/25		105												
211				8/12/25		62.30												
212				8/12/25		51.11												
213				8/12/25		31.10												
214				8/12/25		64.11												
215				8/12/25		102												
216				8/13/25		16.27												
217				8/13/25		14.80												
218				8/13/25		21.52												
219				8/13/25		886												
	Y146	34.43081799	-118.64971	8/13/25	1151	886	Flow Increase; Cover Compaction	8/22/25	0737	260						Flow Increase; Cover Compaction	9/11/25	0955	77.1
220				8/13/25		6.32												
221				8/13/25		15.26												
222				8/13/25		635												
	Y153	34.42972197	-118.64871	8/13/25	1000	635	Flow Increase	8/22/25	0733	416						Flow Increase	9/11/25	0921	104
223				8/13/25		6.22												
224				8/13/25		7.82												
225				8/13/25		6.77												
226				8/13/25		7.11												
227				8/13/25		900												
	Y148	34.42949298	-118.650895	8/13/25	0828	900	Cover Compaction	8/22/25	0702	288						Cover Compaction	9/11/25	0951	137
228				8/13/25		16.84												
229				8/13/25		980												
	Y68	34.42911001	-118.649824	8/13/25	0908	980	Flow Increase	8/22/25	0726	13.9						Flow Increase	9/11/25	0923	110
	Y69	34.428907	-118.649563	8/13/25	0912	540	Cover Compaction	8/22/25	0724	51.4						Cover Compaction	9/11/25	0916	42.1
	B64	34.42853199	-118.649498	8/13/25	0921	210	Flow Increase	8/22/25	0718	26.3									
230				8/13/25		1,244													
	Y73	34.42928301	-118.649172	8/13/25	1002	1,244	Cover Compaction	8/22/25	0730	290						Cover Compaction	9/11/25	0918	329
	B66	34.429066	-118.649124	8/13/25	0957	214	Flow Increase	8/22/25	0729	26.8									
231				8/13/25		12.30													

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232				8/13/25		43.60													
233				8/13/25		1,655													
	Y74	34.429195	-118.647756	8/13/25	1035	1,655	Cover Compaction	8/22/25	0835	44.7					Cover Compaction	9/11/25	0914	80.6
	B65	34.429224	-118.647726	8/13/25	1034	370	Flow Increase	8/22/25	0835	44.7								
234				8/14/25		Active Construction													
235				8/14/25		Active Construction													
236				8/14/25		Active Construction													
237				8/13/25		29.90													
238				8/13/25		31.40													
239				8/13/25		103													
240				8/13/25		1,923													
	Y70	34.42835103	-118.649506	8/13/25	0924	1,927	Cover Compaction	8/22/25	0719	309					Cover Compaction	9/11/25	0931	40.6
	Y71	34.42832404	-118.649488	8/13/25	0926	1,584	Cover Compaction	8/22/25	0719	281					Cover Compaction	9/11/25	0931	70.7
	Y72	34.42796202	-118.649453	8/13/25	0933	540	Cover Compaction	8/22/25	0721	110					Cover Compaction	9/11/25	0935	63.4
241				8/13/25		1,763													
	Y64	34.42845899	-118.650249	8/13/25	0839	546	Cover Compaction	8/22/25	0710	113					Cover Compaction	9/11/25	0941	34.1
	Y65	34.428375	-118.64994	8/13/25	0844	570	Cover Compaction	8/22/25	0712	202					Cover Compaction	9/11/25	0928	42.6
	Y66	34.428447	-118.649904	8/13/25	0845	1,465	Cover Compaction	8/22/25	0713	238					Cover Compaction	9/11/25	0927	67.9
	Y67	34.42872997	-118.649995	8/13/25	0850	1,763	Cover Compaction	8/22/25	0715	47.6					Cover Compaction	9/11/25	0925	88.1
242				8/13/25		4,215													
	Y63	34.42879904	-118.650653	8/13/25	0830	4,215	Flow Increase	8/22/25	0718	280					Flow Increase	9/11/25	0947	317
	B63	34.42840903	-118.6506	8/13/25	0824	343	Flow Increase	8/22/25	0708	19.1								
243				8/13/25		1,542													
	Y61	34.42857097	-118.6509	8/13/25	0815	1,423	Cover Compaction	8/22/25	0706	67.1					Cover Compaction	9/11/25	0945	63.6
	Y62	34.428518	-118.650892	8/13/25	0820	1,542	Cover Compaction	8/22/25	0706	72.4					Cover Compaction	9/11/25	0944	29.4
	B61	34.42882	-118.651009	8/13/25	0808	200	Flow Increase	8/22/25	0704	33.6								
	B62	34.42865102	-118.65089	8/13/25	0814	300	Flow Increase	8/22/25	0705	42.1								
244				8/13/25		21.30													
245				8/13/25		29.30													
246				8/13/25		41.62													
247				8/13/25		27.66													
248				8/13/25		5.40													
249				8/13/25		48.18													
250				8/14/25		Active Construction													
251				8/14/25		Active Construction													
252				8/14/25		Active Construction													
253				8/14/25		Active Construction													

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

August 2025 Chiquita Canyon Landfill Instantaneuous Surface Monitoring Reaction Area Sweep (8-18-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-DayCorrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneuous (Monthly)																		
53				8/18/25		1,753												
	Y1	34.43532804	-118.645802	8/18/25	0912	1,753	Flow Increase	8/27/25	0742	304					Flow Increase	9/15/25	0934	14.5
66				8/18/25		12.73												
76				8/18/25		19.20												
77				8/18/25		34.60												
78				8/18/25		970												
	Y46	34.43740399	-118.647004	8/18/25	1044	516	Cover Compaction	8/27/25	0829	219					Cover Compaction	9/15/25	0951	279
	Y47	34.43726602	-118.646236	8/18/25	1051	519	Flow Increase	8/27/25	0826	290					Flow Increase	9/15/25	0949	8.4
	Y48	34.43727801	-118.646629	8/18/25	1055	970	Cover Compaction	8/27/25	0827	77.6					Cover Compaction	9/15/25	0950	178
79				8/18/25		926												
	Y49	34.43728697	-118.645772	8/18/25	1102	600	Cover Compaction	8/27/25	0824	66.3					Cover Compaction	9/15/25	0947	7.7
	Y50	34.43753399	-118.645936	8/18/25	1107	926	Flow Increase	8/27/25	0832	191					Flow Increase	9/15/25	0953	11.2
80				8/18/25		4,215												
	Y51	34.43801	-118.643803	8/18/25	1122	1,450	Cover Compaction	8/27/25	0841	207					Cover Compaction	9/15/25	0956	378
	Y52	34.438068	-118.643786	8/18/25	1123	4,215	Cover Compaction	8/27/25	0842	386					Cover Compaction	9/15/25	0957	447
	B42	34.43765804	-118.644292	8/18/25	1114	200	Flow Increase	8/27/25	0834	112								
	B43	34.43768897	-118.644152	8/18/25	1118	280	Flow Increase	8/27/25	0834	180								
81				8/18/25		3,180												
	Y3	34.43496703	-118.645755	8/18/25	0916	850	Cover Compaction	8/27/25	0741	119					Cover Compaction	9/15/25	0930	488
	Y4	34.43505001	-118.645379	8/18/25	0922	3,180	Flow Increase; Cover Compaction	8/27/25	0744	433					Flow Increase; Cover Compaction	9/15/25	0931	221
	Y5	34.435034	-118.645301	8/18/25	0926	750	Cover Compaction	8/27/25	0745	62.5					Cover Compaction	9/15/25	0932	18.7
82				8/18/25		40,000												
	Y6	34.434617	-118.645708	8/18/25	0932	30,182	Moisture Condition, Soil/Dirt Compaction	8/27/25	0740	388					Moisture Condition, Soil/Dirt Compaction	9/15/25	0928	246
	Y7	34.434272	-118.645718	8/18/25	0941	40,000	Cover Compaction	8/27/25	0737	79.2					Cover Compaction	9/15/25	0926	274
	B2	34.43449002	-118.645852	8/18/25	0937	294	Flow Increase	8/27/25	0735	64.8								
83				8/18/25		5,960												
	Y8	34.43381402	-118.646233	8/18/25	0952	1,003	Moisture Condition, Soil/Dirt Compaction	8/25/25	0750	107					Moisture Condition, Soil/Dirt Compaction	9/15/25	0840	88.6
	Y9	34.43402097	-118.646333	8/18/25	0950	5,960	Cover Compaction	8/25/25	0751	291					Cover Compaction	9/15/25	0838	346
88				8/18/25		8.06												
89				8/18/25		14.83												
90				8/18/25		12.66												
96				8/18/25		10.77												
99				8/18/25		12.78												
145				8/18/25		97.60												
146				8/18/25		105												
147				8/18/25		21.35												
148				8/18/25		27.64												
149				8/18/25		1,285												
	Y2	34.43427896	-118.646075	8/18/25	0906	1,285	Cover Compaction	8/27/25	0734	410					Cover Compaction	9/15/25	0837	451
	B1	34.434387	-118.646385	8/18/25	0908	224	Flow Increase	8/27/25	0748	46.1								
150				8/18/25		4,213												
	Y43	34.43608501	-118.648388	8/18/25	0941	500	Flow Increase	8/27/25	0816	39.7					Flow Increase	9/15/25	0908	8.3
	Y44	34.43613497	-118.648411	8/18/25	0946	517	Boot Repaired	8/27/25	0815	41.0					Boot Repaired	9/15/25	0909	75.1
	Y45	34.436342	-118.648468	8/18/25	0949	4,213	Boot Repaired	8/27/25	0813	250					Boot Repaired	9/15/25	0910	27.5
	B41	34.43606699	-118.648385	8/18/25	0943	200	Flow Increase	8/27/25	0817	18.6								
151				8/18/25		78.10												
152				8/18/25		34.60												
153				8/18/25		39.39												
154				8/18/25		64.11												
155				8/18/25		24.36												
156				8/18/25		4,523												

Table 1

	Y42	34.43551999	-118.648856	8/18/25	0912	4,523	Casing Repaired	8/27/25	0820	102					Casing Repaired	9/15/25	0906	340
157				8/18/25		41.10												
158				8/18/25		3,333												
	Y84	34.43457903	-118.648005	8/18/25	1031	3,333	Cover Compaction	8/27/25	0804	37.1					Cover Compaction	9/15/25	0916	8.9
159				8/18/25		1,500												
	Y85	34.43400001	-118.647226	8/18/25	1114	860	Cover Compaction	8/27/25	0756	343					Cover Compaction	9/15/25	0921	21.8
	Y86	34.43389197	-118.647614	8/18/25	1117	1,500	Cover Compaction	8/27/25	0758	29.6					Cover Compaction	9/15/25	0920	11.2
160				8/18/25		711												
	Y109	34.43334999	-118.64706	8/18/25	0958	711	Flow Increase	8/27/25	0754	37.8					Flow Increase	9/15/25	0845	13.8
161				8/18/25		15.45												
162				8/18/25		20.30												
163				8/18/25		125												
164				8/18/25		15.19												
165				8/18/25		21.16												
166				8/18/25		5,000												
	Y87	34.43388803	-118.647964	8/18/25	1117	4,000	Cover Compaction	8/27/25	0759	47.3					Cover Compaction	9/15/25	0919	11.4
	Y88	34.43366298	-118.648566	8/18/25	1133	5,000	Cover Compaction	8/27/25	0801	31.9					Cover Compaction	9/15/25	085	24.3
167				8/18/25		12.30												
168				8/18/25		22.26												
169				8/18/25		40.70												
170				8/18/25		21.32												
171				8/18/25		4,000												
	Y83	34.43436404	-118.648345	8/18/25	1024	4,000	Cover Compaction	8/27/25	0803	19.3					Cover Compaction	9/15/25	0917	9.7
172				8/18/25		53.19												
173				8/18/25		590												
	Y81	34.434257	-118.649664	8/18/25	0828	590	Boot Repaired	8/27/25	0808	224					Boot Repaired	9/15/25	0856	15.3
174				8/18/25		700												
	Y82	34.434171	-118.650878	8/18/25	0842	700	Cover Compaction	8/27/25	0725	317					Cover Compaction	9/15/25	0901	94.1
175				8/18/25		1,456												
	Y41	34.43457199	-118.650766	8/18/25	0839	1,456	Cover Compaction	8/27/25	0724	61.1					Cover Compaction	9/15/25	0859	133
176				8/18/25		57.10												
177				8/18/25		66.39												
178				8/18/25		59.88												
179				8/18/25		9.95												
180				8/18/25		12.13												
181				8/18/25		8.97												
182				8/18/25		9.57												
183				8/18/25		10.36												
184				8/18/25		15.43												
185				8/18/25		7.61												
186				8/18/25		7.51												
187				8/18/25		7.75												
188				8/18/25		8.02												
189				8/18/25		9.87												
190				8/18/25		8.95												
191				8/18/25		9.99												
192				8/18/25		8.47												
193				8/18/25		9.67												
194				8/18/25		19.56												
195				8/18/25		15.02												
196				8/18/25		600												
	Y115	34.43186103	-118.647919	8/18/25	0802	600	Flow Increase	8/27/25	0731	89.1					Flow Increase	9/15/25	0835	109
197				8/18/25		12.32												
198				8/18/25		5.57												
199				8/18/25		8.07												
200				8/18/25		48.60												
201				8/18/25		31.19												
202				8/18/25		32.61												
203				8/18/25		49.10												
204				8/18/25		18.60												

Table 1

205				8/18/25		21.25												
206				8/18/25		29.80												
207				8/18/25		19.36												
208				8/18/25		18.77												
209				8/18/25		826												
	Y106	34.43241801	-118.649691	8/18/25	1054	826	Flow Increase	8/27/25	0728	220					Flow Increase	9/15/25	0833	233
210				8/18/25		140												
211				8/18/25		7.78												
212				8/18/25		5.43												
213				8/18/25		4.85												
214				8/18/25		11.17												
215				8/18/25		600												
	Y121	34.43096098	-118.650428	8/18/25	1122	600	Cover Compaction	8/27/25	0720	42.7					Cover Compaction	9/15/25	0830	141
216				8/18/25		9.42												
217				8/18/25		15.28												

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

September 2025 Chiquita Canyon Landfill Instantaneous Surface Monitoring Reaction Area Sweep (9-4-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-Day Corrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneous (Monthly)																		
53				9/4/25		1,835												
	Y65	34.43526459	-118.6458052	9/4/25	0631	1,835	Flow Increase	9/15/25	0934	14.5					Flow Increase	10/1/25	0737	121
66				9/4/25		567												
	Y45	34.43581796	-118.6458	9/4/25	0939	567	Flow Increase	9/15/25	1016	7.1					Flow Increase	10/1/25	0730	16.8
76				9/4/25		1,249												
	Y43	34.43637896	-118.645949	9/4/25	0922	1,249	Cover Compaction	9/15/25	1001	201					Cover Compaction	10/1/25	0744	140
	Y44	34.43621501	-118.646245	9/4/25	0932	1,123	Cover Compaction	9/15/25	1002	390					Cover Compaction	10/1/25	0726	147
77				9/4/25		105												
78				9/4/25		75.30												
79				9/4/25		43.60												
80				9/4/25		29.18												
81				9/4/25		800												
	Y66	34.43583397	-118.645461	9/4/25	1006	800	Moisture Condition, Soil/Dirt Compaction	9/15/25	1018	48.8					Moisture Condition, Soil/Dirt Compaction	10/1/25	0739	27.3
82				9/4/25		18.27												
83				9/4/25		610												
	Y81	34.43395299	-118.645961	9/4/25	0827	500	Moisture Condition, Soil/Dirt Compaction	9/15/25	1041	31.4					Moisture Condition, Soil/Dirt Compaction	10/1/25	0811	30.8
	Y82	34.43381804	-118.646203	9/4/25	0833	610	Flow Increase	9/15/25	1042	18.1					Flow Increase	10/1/25	0809	49.6
88				9/4/25		9.87												
89				9/4/25		8.10												
90				9/4/25		19.17												
96				9/4/25		47.63												
99				9/4/25		5.71												
145				9/4/25		15.16												
146				9/4/25		1,841												
	Y41	34.43595802	-118.647194	9/4/25	0846	1,841	Cover Compaction	9/15/25	1007	16.1					Cover Compaction	10/1/25	0842	11.7
	B42	34.43617201	-118.646965	9/4/25	0859	482	Flow Increase	9/15/25	1006	7.9								
147				9/4/25		2,301												
	Y46	34.43553097	-118.646469	9/4/25	0944	661	Cover Compaction	9/15/25	1012	7.3					Cover Compaction	10/1/25	0733	7.1
	Y47	34.43552904	-118.646618	9/4/25	0948	1,249	Flow Increase	9/15/25	1011	5.8					Flow Increase	10/1/25	0722	0.5
	Y48	34.43568	-118.646763	9/4/25	0951	2,301	Flow Increase; Cover Compaction	9/15/25	1010	5.3					Flow Increase; Cover Compaction	10/1/25	0719	9.6
148				9/4/25		23.36												
149				9/4/25		28.22												
150				9/4/25		45.60												
151				9/4/25		145												
152				9/4/25		876												
	Y49	34.43568	-118.647152	9/4/25	0958	876	Cover Compaction	9/15/25	1002	40.3					Cover Compaction	10/1/25	0718	13.8
153				9/4/25		700												
	Y63	34.43469596	-118.647438	9/4/25	0922	700	Flow Increase	9/15/25	1033	33.7					Flow Increase	10/1/25	0815	41.6
154				9/4/25		22.35												
155				9/4/25		675												
	Y83	34.43380002	-118.646622	9/4/25	0838	500	Flow Increase; Cover Compaction	9/15/25	1044	92.4					Flow Increase; Cover Compaction	10/1/25	0810	52.8
	Y84	34.43403999	-118.646699	9/4/25	0842	675	Flow Increase; Cover Compaction	9/15/25	1045	23.2					Flow Increase; Cover Compaction	10/1/25	0819	20.8
156				9/4/25		18.71												
157				9/4/25		23.41												
158				9/4/25		30.26												
159				9/4/25		23.32												
160				9/4/25		700												
	Y85	34.43320801	-118.647669	9/4/25	0905	700	Flow Increase	9/15/25	1047	18.7					Flow Increase	10/1/25	0805	7.6
161				9/4/25		9.16												
162				9/4/25		500												
	Y87	34.43184804	-118.647406	9/4/25	1047	500	Flow Increase; Cover Compaction	9/15/25	1051	11.4					Flow Increase; Cover Compaction	10/1/25	0830	19.2

Table 1

163				9/4/25		13.32												
164				9/4/25		12.61												
165				9/4/25		900												
	Y86	34.43348796	-118.647948	9/4/25	0915	900	Flow Increase	9/15/25	1048	9.9					Flow Increase	10/1/25	0801	19.4
166				9/4/25		27.66												
167				9/4/25		18.37												
168				9/4/25		19.26												
169				9/4/25		42.91												
170				9/4/25		21.16												
171				9/4/25		64.75												
172				9/4/25		23,000												
	Y50	34.43502897	-118.648834	9/4/25	1012	2,827	Boot Repaired	9/15/25	1033	176					Boot Repaired	10/1/25	0710	141
	Y51	34.43478397	-118.649047	9/4/25	1017	23,000	Boot Repaired	9/15/25	1034	179					Boot Repaired	10/1/25	0712	161
173				9/4/25		12.60												
174				9/4/25		54.30												
175				9/4/25		31.29												
176				9/4/25		21.30												
177				9/4/25		14.15												
178				9/4/25		16.4												
179				9/4/25		700												
	Y1	34.43570204	-118.64924	9/4/25	0854	700	Boot Repaired	9/15/25	1036	91.4					Boot Repaired	10/1/25	0704	116
180				9/4/25		8.2												
181				9/4/25		10.54												
182				9/4/25		8												
183				9/4/25		11.4												
184				9/4/25		18												
185				9/4/25		10.1												
186				9/4/25		6.9												
187				9/4/25		17.5												
188				9/4/25		10												
189				9/4/25		7.6												
190				9/4/25		10.5												
191				9/4/25		9.2												
192				9/4/25		21.8												
193				9/4/25		8.5												
194				9/4/25		47.93												
195				9/4/25		25.70												
196				9/4/25		1,000												
	Y88	34.43188199	-118.647858	9/4/25	1053	1,000	Flow Increase	9/15/25	0835	109					Flow Increase	10/1/25	0834	88.6
	Y89	34.43176598	-118.64809	9/4/25	1058	990	Flow Increase	9/15/25	1009	6.3					Flow Increase	10/1/25	0840	10.7
197				9/4/25		244												
	B101	34.43129903	-118.647978	9/4/25	0858	244	Flow Increase	9/15/25	1053	27.1								
198				9/4/25		7.18												
199				9/4/25		19.66												
200				9/4/25		15.16												
201				9/4/25		23.75												
202				9/4/25		16,351												
	Y52	34.43327196	-118.650671	9/4/25	1055	16,351	Cover Compaction	9/15/25	1056	134					Cover Compaction	10/1/25	0715	90.8
203				9/4/25		32.72												
204				9/4/25		24.22												
205				9/4/25		21.64												
206				9/4/25		19.21												
207				9/4/25		431												
	B75	34.43262404	-118.651548	9/4/25	1123	431	Flow Increase	9/15/25	1100	113								
208				9/4/25		57.55												
209				9/4/25		46.37												
210				9/4/25		88.40												
211				9/4/25		49.54												
212				9/4/25		37.64												
213				9/4/25		27.96												

Table 1

214				9/4/25		49.64												
215				9/4/25		48.58												
216				9/4/25		49.44												
217				9/4/25		49.36												

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

September 2025 Chiquita Canyon Landfill Instantaneous Surface Monitoring Full Site Sweep (9-8-25/9-9-25/9-10-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-DayCorrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneous (Monthly)																		
1				9/10/25		4.46												
2				9/10/25		3.56												
3				9/10/25		3.40												
4				9/10/25		Active Construction												
5				9/10/25		Active Construction												
6				9/10/25		Active Construction												
7				9/10/25		Active Construction												
8				9/10/25		3.40												
9				9/10/25		Active Construction												
10				9/10/25		Active Construction												
11				9/10/25		5.12												
12				9/10/25		5.01												
13				9/10/25		6.22												
14				9/10/25		5.27												
15				9/10/25		5.22												
16				9/10/25		7.16												
17				9/10/25		7.31												
18				9/10/25		8.16												
19				9/10/25		7.01												
20				9/10/25		6.11												
21				9/10/25		5.33												
22				9/10/25		4.83												
23				9/10/25		6.54												
24				9/10/25		7.49												
25				9/10/25		6.95												
26				9/10/25		7.35												
27				9/10/25		7.53												
28A				9/10/25		7.43												
29				9/10/25		7.49												
30				9/10/25		8,956												
	Y2	34.43375501	-118.645515	9/10/25	0851	856	Moisture Condition, Soil/Dirt Compaction	9/19/25	0825	110					Moisture Condition, Soil/Dirt Compaction	10/8/25	1144	70.1
	Y3	34.43374797	-118.645495	9/10/25	0853	8,956	Moisture Condition, Soil/Dirt Compaction	9/19/25	0824	179					Moisture Condition, Soil/Dirt Compaction	10/8/25	1144	64.5
	Y4	34.43370698	-118.645367	9/10/25	0859	572	Cover Compaction	9/19/25	0823	134					Cover Compaction	10/8/25	1145	88.4
	B2	34.43373498	-118.645431	9/10/25	0856	200	Flow Increase	9/19/25	0824	182								
31				9/10/25		233												
	B3	34.43297197	-118.645174	9/10/25	0905	233	Flow Increase	9/19/25	0820	19.7								
32				9/8/25		40,284												
	Y94	34.43464902	-118.644676	9/8/25	1026	1,350	Flow Increase	9/17/25	0934	21.6					Flow Increase	10/7/25	0959	14.2
	Y95	34.43431601	-118.644749	9/8/25	1031	20,500	Flow Increase	9/17/25	0933	51.7					Flow Increase	10/7/25	1001	45.9
	Y96	34.434444	-118.644793	9/8/25	1033	3,875	Flow Increase	9/17/25	0932	26.3					Flow Increase	10/7/25	1000	62.7
	Y97	34.43483401	-118.645048	9/8/25	1037	40,284	Flow Increase	9/17/25	0925	12.6					Flow Increase	10/7/25	1006	13.8
33				9/10/25		19.18												
34				9/10/25		34.10												
35				9/10/25		19.64												
36				9/9/25		30.80												
37				9/9/25		8.52												
38				9/9/25		10.33												
39				9/9/25		25.36												
40				9/9/25		8.88												
41				9/9/25		13.44												
42				9/9/25		25.60												
43				9/9/25		8.38												
44				9/10/25		749												
	Y88	34.43526803	-118.64126	9/10/25	0955	749	Cover Compaction	9/19/25	0844	44.5					Cover Compaction	10/8/25	1156	41.3

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45				9/10/25		121												
46				9/10/25		16.67												
47				9/10/25		9.84												
48				9/10/25		1,157												
	Y87	34.43472496	-118.641172	9/10/25	0957	1,157	Cover Compaction	9/19/25	0847	46.2					Cover Compaction	10/8/25	1156	41.3
	B83	34.43363297	-118.64081	9/10/25	0925	336	Flow Increase	9/19/25	0849	27.8								
49				9/10/25		71.11												
50				9/9/25		835												
	Y42	34.43233696	-118.643751	9/9/25	0903	835	Flow Increase	9/17/25	0800	27.6					Flow Increase	10/8/25	1041	10.5
51				9/10/25		1,356												
	Y86	34.43248498	-118.64164	9/10/25	0922	1,356	Cover Compaction	9/19/25	0851	5.7					Cover Compaction	10/8/25	1159	8.9
52				9/10/25		146												
53				9/8/25		400												
	B62	34.435336	-118.645748	9/8/25	0824	400	Flow Increase	9/17/25	0918	103								
54				9/8/25		320												
	B61	34.435739	-118.64548	9/8/25	0814	320	Flow Increase	9/17/25	0920	42.7								
55				9/9/25		9.35												
56				9/9/25		25.65												
57				9/10/25		342												
	B21	34.43659999	-118.642945	9/10/25	0838	342	Flow Increase	9/19/25	0831	147								
58				9/10/25		4,567												
	Y91	34.436629	-118.641276	9/10/25	0945	1,150	Cover Compaction	9/19/25	0838	49.1					Cover Compaction	10/8/25	1152	40.8
	Y92	34.43709897	-118.641646	9/10/25	0949	4,567	Flow Increase	9/19/25	0837	24.8					Flow Increase	10/8/25	1151	36.2
59				9/8/25		3,954												
	Y92	34.43545897	-118.644236	9/8/25	1017	1,122	Flow Increase	9/17/25	0937	30.4					Flow Increase	10/7/25	0955	104
	Y93	34.43525302	-118.644223	9/8/25	1020	3,954	Flow Increase; Cover Compaction	9/17/25	0936	249					Flow Increase; Cover Compaction	10/7/25	0956	35.1
60				9/9/25		9.92												
61				9/9/25		880												
	Y32	34.43567698	-118.643687	9/9/25	1100	880	Flow Increase	9/17/25	0806	342					Flow Increase	10/8/25	1039	60.6
62				9/10/25		25.20												
63				9/10/25		56.09												
64				9/10/25		575												
	Y89	34.431237	-118.643755	9/10/25	0937	575	Cover Compaction	9/19/25	0841	38.4					Cover Compaction	10/8/25	1155	22.0
65				9/10/25		1,292												
	Y90	34.43626204	-118.641034	9/10/25	0942	1,292	Cover Compaction	9/19/25	0839	61.3					Cover Compaction	10/8/25	1153	30.4
	B84	34.43616103	-118.640955	9/10/25	0940	275	Flow Increase	9/19/25	0840	75.8								
66				9/8/25		8.21												
67				9/8/25		7.04												
68				9/8/25		7.10												
69				9/8/25		8.33												
70				9/10/25		15.16												
71				9/8/25		78.10												
72				9/8/25		45.50												
73				9/8/25		34.24												
74				9/8/25		79.60												
75				9/8/25		1,725												
	Y29	34.436386	-118.645953	9/8/25	1024	1,725	Cover Compaction	9/17/25	0949	133					Cover Compaction	10/7/25	0943	24.2
	Y30	34.43640503	-118.646024	9/8/25	1028	520	Cover Compaction	9/17/25	0949	19.2					Cover Compaction	10/7/25	0947	27.8
76				9/8/25		64.19												
77				9/8/25		4,256												
	Y22	34.43699998	-118.6474	9/8/25	0841	4,256	Boot Repaired	9/17/25	0954	416					Boot Repaired	10/7/25	1030	11
	Y23	34.43704901	-118.647396	9/8/25	0845	4,256	Boot Repaired	9/17/25	0954	401					Boot Repaired	10/7/25	1030	120
	Y24	34.43706301	-118.647356	9/8/25	0847	846	Boot Repaired	9/17/25	0933	109					Boot Repaired	10/7/25	1030	104
	Y25	34.43702303	-118.647303	9/8/25	0848	4,253	Boot Repaired	9/17/25	0955	245					Boot Repaired	10/7/25	1030	110
	B21	34.43695103	-118.647409	9/8/25	0838	245	Flow Increase	9/17/25	0954	63.8								
78				9/8/25		1,104												
	Y26	34.43706402	-118.646312	9/8/25	0901	1,104	Flow Increase	9/17/25	0957	141					Flow Increase	10/7/25	1028	19.8
	B23	34.43696201	-118.646331	9/8/25	0855	234	Flow Increase	9/17/25	0958	177								
79				9/8/25		570												
	Y27	34.43731598	-118.645812	9/8/25	0915	570	Cover Compaction	9/17/25	0951	41.7					Cover Compaction	10/7/25	1027	37.4

Table 1

80				9/8/25		4,258												
	Y28	34.43766299	-118.64431	9/8/25	0930	4,258	Cover Compaction	9/17/25	1001	67.6					Cover Compaction	10/7/25	1033	94.4
	Y32	34.43538797	-118.648315	9/8/25	1114	752	Seal Repaired	9/17/25	0852	6.8					Seal Repaired	10/7/25	0926	41.8
81				9/8/25		21,000												
	Y90	34.43505798	-118.645401	9/8/25	0942	21,000	Flow Increase; Cover Compaction	9/17/25	0928	35.6					Flow Increase; Cover Compaction	10/7/25	1007	24.7
	Y91	34.43533902	-118.644979	9/8/25	0952	2,098	Flow Increase	9/17/25	0922	197					Flow Increase	10/7/25	0952	85.8
	B81	34.43515202	-118.645087	9/8/25	0946	340	Flow Increase	9/17/25	0924	60.2								
	B82	34.43515898	-118.645066	9/8/25	0949	270	Flow Increase	9/17/25	0924	63.1								
82				9/8/25		90,000												
	Y98	34.43439396	-118.645267	9/8/25	1043	4,700	Flow Increase	9/17/25	0931	126					Flow Increase	10/7/25	1003	152
	Y99	34.43459798	-118.645297	9/8/25	1045	90,000	Flow Increase; Cover Compaction	9/17/25	0930	46.4					Flow Increase; Cover Compaction	10/7/25	1004	56.3
	Y100	34.43464399	-118.645339	9/8/25	1049	1,650	Flow Increase; Cover Compaction	9/17/25	0929	19.9					Flow Increase; Cover Compaction	10/7/25	1004	14.8
83				9/10/25		500												
	Y1	34.43394301	-118.645952	9/10/25	0808	500	Flow Increase	9/19/25	0827	64.7					Flow Increase	10/8/25	1142	47.6
84				9/10/25		41.64												
85				9/10/25		245												
	B1	34.43258297	-118.646271	9/10/25	0831	245	Flow Increase	9/19/25	0818	34.1								
86				9/10/25		36.71												
87				9/10/25		104												
88				9/9/25		105												
89				9/10/25		34.19												
90				9/10/25		21.16												
91				9/9/25		20.62												
92				9/10/25		2,100												
	Y44	34.431841	-118.644123	9/9/25	0825	700	Flow Increase	9/17/25	0801	17.3					Flow Increase	10/8/25	1041	27.7
	Y85	34.43173497	-118.643123	9/10/25	0915	2,100	Cover Compaction	9/17/25	0853	9.1					Cover Compaction	10/8/25	1201	14.4
93				9/10/25		10,000												
	Y83	34.43100801	-118.644029	9/10/25	0911	515	Moisture Condition, Soil/Dirt Compaction	9/19/25	0857	37.6					Moisture Condition, Soil/Dirt Compaction	10/8/25	1203	20.2
	Y84	34.431237	-118.643755	9/10/25	0910	10,000	Cover Compaction	9/19/25	0856	44.8					Cover Compaction	10/8/25	1203	60.1
	Y5	34.43112401	-118.644195	9/10/25	0945	4,532	Cover Compaction	9/19/25	0859	54.9					Cover Compaction	10/8/25	1205	40.6
	Y6	34.43109199	-118.644336	9/10/25	0951	1,742	Cover Compaction	9/19/25	0858	287					Cover Compaction	10/8/25	1207	39.7
94				9/10/25		43.60												
95				9/10/25		169												
96				9/9/25		34.32												
97				9/10/25		34.17												
98				9/10/25		7.77												
99				9/9/25		25.71												
100				9/10/25		19.29												
101				9/10/25		7.80												
102				9/9/25		20.55												
103				9/10/25		21.60												
104				9/10/25		8.50												
105				9/10/25		7.87												
106				9/10/25		7.93												
107				9/10/25		8.01												
108				9/10/25		3.02												
109				9/10/25		3.21												
110				9/10/25		5.15												
111				9/10/25		5.03												
112				9/10/25		5.18												
113				9/10/25		5.27												
114				9/10/25		5.22												
115				9/10/25		5.65												
116				9/10/25		9.10												
117				9/10/25		4.83												
118				9/10/25		5.50												
119				9/10/25		3.60												
120				9/10/25		4.79												
121				9/10/25		5.13												
122				9/10/25		5.10												

Table 1

123				9/10/25		3.70													
124				9/10/25		5.60													
125				9/10/25		4.80													
126				9/10/25		3.77													
127				9/10/25		3.53													
128				9/10/25		6.10													
129				9/10/25		5.39													
130				9/10/25		13.16													
131				9/10/25		6.54													
132				9/10/25		4.59													
133				9/10/25		5.72													
134				9/10/25		6.41													
135				9/10/25		5.32													
136				9/10/25		4.95													
137				9/10/25		6.19													
138				9/10/25		5.92													
139				9/10/25		4.51													
140				9/10/25		5.10													
141				9/10/25		6.32													
142				9/10/25		6.55													
143				9/10/25		5.12													
144				9/10/25		5.29													
145				9/8/25		105													
146				9/8/25		964													
	Y31	34.43597001	-118.647174	9/8/25	1052	964	Cover Compaction	9/17/25	0905	7.3					Cover Compaction	10/7/25	0941	66.9
147				9/8/25		1,500													
	Y42	34.43529401	-118.647142	9/8/25	1002	500	Cover Compaction	9/17/25	0910	34.6					Cover Compaction	10/7/25	0943	140
	Y43	34.43563096	-118.6468	9/8/25	1014	1,500	Flow Increase; Cover Compaction	9/17/25	0908	6.5					Flow Increase; Cover Compaction	10/7/25	0944	29.6
148				9/8/25		500													
	Y63	34.43512998	-118.646716	9/8/25	0836	500	Cover Compaction	9/17/25	0912	8.5					Cover Compaction	10/7/25	1009	23.4
149				9/8/25		6,043													
	Y87	34.43480702	-118.646167	9/8/25	0927	6,043	Flow Increase	9/17/25	0916	425					Flow Increase	10/7/25	1010	73.1
	Y88	34.43455799	-118.646061	9/8/25	0931	650	Flow Increase	9/17/25	0943	488					Flow Increase	10/7/25	1011	133
	Y89	34.43426404	-118.646098	9/8/25	0936	2,493	Flow Increase; Cover Compaction	9/17/25	0832	109					Flow Increase; Cover Compaction	10/7/25	1012	129
150				9/8/25		4,215													
	Y21	34.43635399	-118.648459	9/8/25	0810	4,215	Cover Compaction	9/17/25	0901	18.5					Cover Compaction	10/7/25	0938	379
151				9/8/25		34.70													
152				9/8/25		17.58													
153				9/8/25		602													
	Y64	34.43479998	-118.647418	9/8/25	0849	602	Flow Increase	9/17/25	0914	11.2					Flow Increase	10/7/25	1018	14.9
154				9/8/25		40,000													
	Y81	34.43469303	-118.646688	9/8/25	0911	751	Flow Increase	9/17/25	0915	29.7					Flow Increase	10/7/25	1015	33.1
	Y82	34.43427502	-118.646692	9/8/25	0909	2,345	Flow Increase	9/17/25	0834	38.7					Flow Increase	10/7/25	0907	67.5
	Y83	34.43437301	-118.646367	9/8/25	0914	20,000	Flow Increase	9/17/25	0833	101					Flow Increase	10/7/25	1014	19.9
	Y84	34.434041	-118.646718	9/8/25	0916	40,000	Flow Increase	9/17/25	0835	20.5					Flow Increase	10/7/25	0906	58.1
	Y85	34.43413597	-118.646955	9/8/25	0919	10,000	Flow Increase	9/17/25	0836	13.5					Flow Increase	10/7/25	0908	479
	Y86	34.43446303	-118.647132	9/8/25	0922	2,865	Flow Increase	9/17/25	0837	25.9					Flow Increase	10/7/25	1017	27.3
155				9/9/25		4,560													
	Y47	34.43374101	-118.647152	9/9/25	1045	4,560	Flow Increase; Capped	9/17/25	0824	10.7					Flow Increase; Capped	10/8/25	1126	52.7
	Y48	34.433911	-118.647055	9/9/25	1047	1,025	Flow Increase	9/17/25	0825	39.1					Flow Increase	10/8/25	1125	10.8
	Y49	34.43380798	-118.646624	9/9/25	1056	876	Flow Increase	9/17/25	0813	13.9					Flow Increase	10/8/25	1123	6.4
	Y50	34.43381402	-118.646245	9/9/25	1053	1,622	Flow Increase	9/17/25	0812	30.8					Flow Increase	10/8/25	1124	53.4
156				9/8/25		970													
	Y33	34.43531899	-118.64867	9/8/25	1118	970	Seal Repaired	9/17/25	0851	8.1					Seal Repaired	10/7/25	0925	36.2
157				9/8/25		7.61													
158				9/8/25		900													
	Y65	34.43449798	-118.648216	9/8/25	0906	900	Boot Repaired	9/17/25	0843	21.1					Boot Repaired	10/7/25	0916	40.1
159				9/8/25		850													
	Y76	34.43390898	-118.648028	9/8/25	1122	850	Flow Increase	9/17/25	0840	20.6					Flow Increase	10/7/25	0911	51.5
160				9/9/25		2,760													

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	Y45	34.43354504	-118.647227	9/9/25	1037	2,760	Flow Increase; Capped	9/17/25	0816	12.3					Flow Increase; Capped	10/8/25	1127	12.5
	Y46	34.43362299	-118.646872	9/9/25	1036	706	Flow Increase	9/17/25	0814	13.1					Flow Increase	10/8/25	1122	22.3
161				9/9/25		12.34												
162				9/9/25		34.10												
163				9/9/25		16.75												
164				9/9/25		47.56												
165				9/9/25		100,000												
	Y41	34.433495	-118.64793	9/9/25	0841	100,000	Flow Increase	9/17/25	0822	9.8					Flow Increase	10/8/25	1129	5.6
	Y421	34.433207	-118.647683	9/9/25	0839	1,250	Flow Increase	9/17/25	0818	6.4					Flow Increase	10/8/25	1133	17.2
	Y43	34.43302997	-118.648105	9/9/25	0845	10,000	Cover Compaction	9/17/25	0819	10.8					Cover Compaction	10/8/25	1131	6.4
	Y441	34.43315403	-118.64846	9/9/25	0848	5,710	Flow Increase; Capped	9/17/25	0820	12.2					Flow Increase; Capped	10/8/25	1130	5.5
166				9/8/25		650												
	Y75	34.43368703	-118.648301	9/8/25	1118	650	Flow Increase	9/17/25	0841	13.3					Flow Increase	10/7/25	0913	39.7
167				9/8/25		5.63												
168				9/8/25		5.40												
169				9/8/25		7.06												
170				9/8/25		16.59												
171				9/8/25		18.22												
172				9/8/25		1,200												
	Y41	34.43474701	-118.649057	9/8/25	0940	1,200	Flow Increase	9/17/25	0848	10.8					Flow Increase	10/7/25	0921	30.9
173				9/8/25		7.21												
174				9/8/25		7.11												
175				9/8/25		6.13												
176				9/8/25		6.29												
177				9/8/25		53.61												
178				9/8/25		931												
	Y2	34.43603698	-118.64935	9/8/25	0805	931	Flow Increase	9/17/25	0856	77.3					Flow Increase	10/7/25	0932	63.1
179				9/8/25		37.14												
180				9/8/25		13.59												
181				9/8/25		11.57												
182				9/8/25		10.53												
183				9/8/25		9.74												
184				9/8/25		638												
	Y1	34.43614301	-118.649813	9/8/25	0759	638	Boot Repaired	9/17/25	0857	19.0					Boot Repaired	10/7/25	0934	89.2
185				9/8/25		10.97												
186				9/8/25		10.54												
187				9/8/25		11.06												
188				9/8/25		9.63												
189				9/8/25		10.35												
190				9/8/25		8.92												
191				9/8/25		9.72												
192				9/8/25		11.06												
193				9/8/25		9.31												
194				9/9/25		42.41												
195				9/9/25		75.30												
196				9/9/25		600												
	Y6	34.43185802	-118.647907	9/9/25	1041	600	Flow Increase	9/17/25	0753	88.9					Flow Increase	10/8/25	1111	39.6
197				9/9/25		41.71												
198				9/9/25		29.34												
199				9/9/25		52.61												
200				9/8/25		6.71												
201				9/8/25		6.31												
202				9/8/25		6.43												
203				9/8/25		7.13												
204				9/8/25		6.27												
205				9/8/25		5.91												
206				9/8/25		6.37												
207				9/8/25		5.52												
208				9/9/25		19.19												
209				9/9/25		23.16												

Table 1

210				9/9/25		23.40													
211				9/9/25		32.40													
212				9/9/25		51.69													
213				9/9/25		22.16													
214				9/9/25		8,523													
	Y4	34.43109903	-118.650433	9/9/25	0820	2,711	Cover Compaction	9/17/25	0741	175					Cover Compaction	10/8/25	1054	18.7
	Y5	34.43107196	-118.650329	9/9/25	0825	8,523	Cover Compaction	9/17/25	0739	49.7					Cover Compaction	10/8/25	1054	7.4
	B2	34.43111203	-118.650411	9/9/25	0822	214	Flow Increase	9/17/25	0742	131								
215				9/9/25		4,756													
	Y1	34.43128796	-118.650627	9/9/25	0810	4,756	Cover Compaction	9/17/25	0744	17.2					Cover Compaction	10/8/25	1056	53.5
	Y2	34.43114203	-118.650576	9/9/25	0811	1,227	Cover Compaction	9/17/25	0742	22.7					Cover Compaction	10/8/25	1051	140
	Y3	34.43111203	-118.650555	9/9/25	0814	1,658	Cover Compaction	9/17/25	0743	64.5					Cover Compaction	10/8/25	1051	20.8
	B1	34.43114103	-118.650514	9/9/25	0817	215	Flow Increase	9/17/25	0742	79.7								
216				9/9/25		32.00													
217				9/9/25		21.95													
218				9/9/25		20.05													
219				9/9/25		598													
	Y21	34.430835	-118.649726	9/9/25	0929	598	Flow Increase; Cover Compaction	9/17/25	0736	12.8					Flow Increase; Cover Compaction	10/8/25	1102	49.1
220				9/9/25		12.43													
221				9/9/25		120													
222				9/9/25		9.95													
223				9/9/25		175													
224				9/9/25		8.59													
225				9/9/25		8.30													
226				9/9/25		10.97													
227				9/9/25		606													
	Y22	34.42958702	-118.651147	9/9/25	0956	606	Flow Increase	9/17/25	0724	197					Flow Increase	10/8/25	1049	77.1
	Y23	34.42957403	-118.651147	9/9/25	0958	596	Flow Increase	9/17/25	0724	171					Flow increase	10/8/25	1049	70.6
228				9/9/25		900													
	Y61	34.42882201	-118.649892	9/9/25	0802	900	Flow Increase	9/17/25	0727	217					Flow Increase	10/8/25	1107	31.6
229				9/9/25		6.18													
230				9/9/25		6.22													
231				9/9/25		500													
	Y62	34.42902703	-118.648655	9/9/25	0815	500	Cover Compaction	9/17/25	0728	77.6					Cover Compaction	10/8/25	1107	31.6
232				9/9/25		8.31													
233				9/9/25		8.22													
234				9/10/25		Active Construction													
235				9/10/25		Active Construction													
236				9/10/25		Active Construction													
237				9/9/25		9.14													
238				9/9/25		15.12													
239				9/9/25		1,200													
	Y64	34.42808901	-118.648922	9/9/25	1021	1,200	Cover Compaction	9/17/25	0730	179					Cover Compaction	10/8/25	1047	11.6
240				9/9/25		15.39													
241				9/9/25		16.10													
242				9/9/25		1,000													
	Y63	34.42875604	-118.650626	9/9/25	0931	1,000	Flow Increase	9/17/25	0726	380					Flow Increase	10/8/25	1105	18.8
243				9/9/25		19.29													
244				9/9/25		18.22													
245				9/9/25		19.31													
246				9/9/25		18.16													
247				9/10/25		4,151													
	Y82	34.42701504	-118.649564	9/10/25	0847	4,151	Cover Compaction	9/19/25	0804	16.5					Cover Compaction	10/8/25	1212	13.5
	B82	34.427282	-118.649489	9/10/25	0845	241	Flow Increase	9/19/25	0802	12.3								
248				9/10/25		908													
	Y81	34.42704303	-118.649077	9/10/25	0831	908	Cover Compaction	9/19/25	0806	7.5					Cover Compaction	10/8/25	1211	12.1
249				9/10/25		207													
	B81	34.42746598	-118.648626	9/10/25	0823	207	Flow Increase	9/19/25	0809	4.1								
250				9/10/25		Active Construction													
251				9/10/25		Active Construction													

Table 1

252				9/10/25		Active Construction												
253				9/10/25		Active Construction												

Table 1

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

September 2025 Chiquita Canyon Landfill Instantaneous Surface Monitoring Reaction Area Sweep (9-24-25)

Grid	Flag	Latitiude	Longitude	Initial Date	Time	Initial Exceedance >500, 200-499 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	Time	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	Time	PPM	30-Day Corrective Action	30 Day Remonitoring Date	Time	PPM
Instantaneous (Monthly)																		
53				9/24/25		12.14												
66				9/24/25		17.16												
76				9/24/25		676												
	Y1	34.43651	-118.646	9/24/25	1015	676	Cover Compaction	10/1/25	0921	211					Cover Compaction	10/23/25	1050	60.7
77				9/24/25		9.82												
78				9/24/25		688												
	Y2	34.43734	-118.647	9/24/25	1025	688	Cover Compaction	10/1/25	0915	361					Cover Compaction	10/23/25	1019	48.3
79				9/24/25		31.03												
80				9/24/25		43.44												
81				9/24/25		16.25												
82				9/24/25		900												
	Y61	34.43461	-118.646	9/24/25	0834	900	Cover Compaction	10/1/25	0933	197					Cover Compaction	10/23/25	1039	14.1
83				9/24/25		16.41												
88				9/24/25		34.61												
89				9/24/25		29.18												
90				9/24/25		13.54												
96				9/24/25		21.13												
99				9/24/25		19.25												
145				9/24/25		8.86												
146				9/24/25		9.05												
147				9/24/25		21.30												
148				9/24/25		10.22												
149				9/24/25		1,000												
	Y62	34.43437	-118.646	9/24/25	0849	500	Flow Increase	10/1/25	0932	186					Flow Increase	10/23/25	1041	22.6
	Y63	34.43469	-118.647	9/24/25	0854	1,000	Flow Increase	10/1/25	0930	292					Flow Increase	10/23/25	1042	34.6
150				9/24/25		13.79												
151				9/24/25		13.47												
152				9/24/25		14.12												
153				9/24/25		13.42												
154				9/24/25		10.51												
155				9/24/25		9.20												
156				9/24/25		59.07												
157				9/24/25		12.14												
158				9/24/25		20.72												
159				9/24/25		9.16												
160				9/24/25		49.60												
161				9/24/25		31.11												
162				9/24/25		876												
	Y101	34.4321	-118.647	9/24/25	1011	876	Flow Increase	10/1/25	0941	444					Flow Increase	10/23/25	1033	60.1
163				9/24/25		56.80												
164				9/24/25		10.25												
165				9/24/25		28.15												
166				9/24/25		8.41												

Table 1

167				9/24/25		8.61													
168				9/24/25		9.07													
169				9/24/25		16.35													
170				9/24/25		12.83													
171				9/24/25		13.63													
172				9/24/25		10.59													
173				9/24/25		11.53													
174				9/24/25		9.59													
175				9/24/25		9.98													
176				9/24/25		10.80													
177				9/24/25		11.52													
178				9/24/25		870													
	Y43	34.43606	-118.649	9/24/25	1015	870	Boot Repaired	10/1/25	0905	109					Boot Repaired	10/23/25	1045	19.1	
179				9/24/25		1,000													
	Y44	34.43562	-118.649	9/24/25	1022	1,000	Boot Repaired	10/1/25	0908	388					Boot Repaired	10/23/25	1046	12.2	
180				9/24/25		21.19													
181				9/24/25		32.18													
182				9/24/25		51.19													
183				9/24/25		24.60													
184				9/24/25		1,500													
	Y41	34.43602	-118.65	9/24/25	0948	1,500	Boot Repaired	10/1/25	0857	369					Boot Repaired	10/23/25	1023	63.7	
185				9/24/25		900													
	Y42	34.43651	-118.649	9/24/25	1011	900	Boot Repaired	10/1/25	0901	87.41					Boot Repaired	10/23/25	1021	17.3	
186				9/24/25		37.11													
187				9/24/25		39.22													
188				9/24/25		24.60													
189				9/24/25		19.84													
190				9/24/25		34.60													
191				9/24/25		19.84													
192				9/24/25		64.20													
193				9/24/25		21.19													
194				9/24/25		800													
	Y21	34.43167	-118.646	9/24/25	0941	800	Flow Increase	10/1/25	0950	414					Flow Increase	10/23/25	1035	11.4	
195				9/24/25		28.16													
196				9/24/25		18.19													
197				9/24/25		200													
	B21	34.43124	-118.648	9/24/25	0851	200	Flow Increase	10/1/25	0957	112									
198				9/24/25		34.16													
199				9/24/25		32.10													
200				9/24/25		23.10													
201				9/24/25		20.30													
202				9/24/25		21.66													
203				9/24/25		13.83													
204				9/24/25		9.16													
205				9/24/25		13.49													
206				9/24/25		9.31													
207				9/24/25		10.41													
208				9/24/25		11.03													
209				9/24/25		10.27													
210				9/24/25		21.30													
211				9/24/25		21.19													
212				9/24/25		41.17													

Table 1

213				9/24/25		22.16												
214				9/24/25		37.60												
215				9/24/25		1,192												
	Y102	34.43123	-118.651	9/24/25	1046	1,192	Cover Compaction	10/1/25	0938	486						Cover Compaction	10/23/25	1027	87.6
	B103	34.43113	-118.651	9/24/25	1051	306	Flow Increase	10/1/25	1001	91.70									
216				9/24/25		800													
	Y22	34.43089	-118.648	9/24/25	1023	800	Cover Compaction	10/1/25	0946	106						Cover Compaction	10/23/25	1030	18.3
217				9/24/25		27.18													

TABLE 2

Integrated Surface Sampling Summary Analysis

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

July 2025 Chiquita Canyon Landfill Integerated Surface Sampling Reaction Area (7-1-25/7-2-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
53	7/1/25	17.51									
66	7/1/25	2.98									
76	7/1/25	8.80									
77	7/1/25	11.03									
78	7/1/25	12.75									
79	7/1/25	11.28									
80	7/1/25	12.65									
81	7/1/25	20.09									
82	7/1/25	21.00									
83	7/2/25	44.10	Moisture Condition, Soil/Dirt Compaction	7/9/25	12.6						
88	7/2/25	7.40									
89	7/1/25	16.27									
90	7/1/25	17.23									
96	7/2/25	10.63									
99	7/2/25	11.03									
145	7/1/25	12.26									
146	7/1/25	5.22									
147	7/1/25	3.83									
148	7/1/25	16.48									
149	7/1/25	14.00									
150	7/1/25	10.93									
151	7/1/25	10.64									
152	7/1/25	3.70									
153	7/1/25	8.01									
154	7/1/25	9.00									
155	7/1/25	10.40									
156	7/1/25	18.02									
157	7/1/25	8.50									
158	7/1/25	11.70									
159	7/1/25	20.90									
160	7/1/25	22.60									
161	7/1/25	19.96									
162	7/2/25	9.19									
163	7/1/25	21.40									
164	7/1/25	17.80									

Table 2

165	7/1/25	19.60										
166	7/1/25	19.32										
167	7/1/25	26.22	Moisture Condition, Soil/Dirt Compaction	7/9/25	21.3							
168	7/1/25	19.66										
169	7/1/25	20.30										
170	7/1/25	21.62										
171	7/1/25	13.02										
172	7/1/25	24										
173	7/1/25	23										
174	7/1/25	20										
175	7/1/25	14.03										
176	7/1/25	10.91										
177	7/1/25	16.06										
178	7/1/25	9.97										
179	7/1/25	6.27										
180	7/1/25	7.25										
181	7/1/25	7.53										
182	7/1/25	16.66										
183	7/1/25	18.46										
184	7/1/25	8.68										
185	7/1/25	12.78										
186	7/1/25	8.40										
187	7/1/25	12.44										
188	7/1/25	19.70										
189	7/1/25	20.40										
190	7/1/25	5.50										
191	7/1/25	9.01										
192	7/1/25	7.41										
193	7/1/25	7.50										
194	7/2/25	8.41										
195	7/2/25	7.41										
196	7/2/25	8.29										
197	7/2/25	10.31										
198	7/2/25	9.82										
199	7/2/25	8.24										
200	7/1/25	8.10										
201	7/1/25	11.32										
202	7/1/25	21										
203	7/1/25	7.54										
204	7/1/25	8.15										
205	7/1/25	7.32										
206	7/2/25	9.26										
207	7/2/25	13.19										
208	7/2/25	7.26										
209	7/1/25	17.02										

Table 2

210	7/2/25	4.61									
211	7/2/25	4.10									
212	7/2/25	4.00									
213	7/2/25	18.20									
214	7/2/25	47.30	Moisture Condition, Soil/Dirt Compaction	7/9/25	19.1						
215	7/2/25	14.60									
216	7/2/25	9.48									
217	7/2/25	8.00									

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

July 2025 Chiquita Canyon Landfill Integrated Surface Sampling Full Site Sweep (7-14-25/7-15-25/7-16-25/7-17-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
1	7/17/25	8.01									
2	7/17/25	7.81									
3	7/17/25	7.47									
4	7/17/25	16.37									
5	7/17/25	8.20									
6	7/17/25	Active Construction									
7	7/17/25	Active Construction									
8	7/16/25	30.05	Moisture Condition, Soil/Dirt Compaction	7/24/25	8.14						
9	7/17/25	Active Construction									
10	7/17/25	7.16									
11	7/16/25	23.52									
12	7/16/25	29.96	Moisture Condition, Soil/Dirt Compaction	7/24/25	7.04						
13	7/17/25	Active Construction									
14	7/16/25	22.78									
15	7/16/25	39.29	Moisture Condition, Soil/Dirt Compaction	7/24/25	7.67						
16	7/16/25	12.40									
17	7/16/25	10.23									
18	7/16/25	22.18									
19	7/16/25	8.46									
20	7/16/25	20.32									
21	7/16/25	19.96									
22	7/16/25	16.10									
23	7/16/25	7.12									
24	7/16/25	8.02									
25	7/16/25	7.41									
26	7/16/25	7.03									
27	7/16/25	7.15									
28A	7/16/25	7.10									
29	7/16/25	6.87									
30	7/16/25	8.53									
31	7/15/25	20.87									
32	7/16/25	27.57	Moisture Condition, Soil/Dirt Compaction	7/24/25	16.81						
33	7/16/25	18.36									
34	7/16/25	17.11									
35	7/16/25	26.31	Moisture Condition, Soil/Dirt Compaction	7/24/25	19.51						
36	7/16/25	24.60									
37	7/16/25	21.32									
38	7/16/25	18.22									

Table 2

39	7/16/25	42.09	Moisture Condition, Soil/Dirt Compaction	7/24/25	19.56							
40	7/17/25	14.69										
41	7/16/25	34.41	Moisture Condition, Soil/Dirt Compaction	7/24/25	21.49							
42	7/16/25	39.96	Moisture Condition, Soil/Dirt Compaction	7/24/25	18.62							
43	7/16/25	51.64	Moisture Condition, Soil/Dirt Compaction	7/24/25	22.91							
44	7/16/25	28.16	Moisture Condition, Soil/Dirt Compaction	7/24/25	7.49							
45	7/16/25	29.87	Moisture Condition, Soil/Dirt Compaction	7/24/25	8.76							
46	7/16/25	31.17	Moisture Condition, Soil/Dirt Compaction	7/24/25	23.47							
47	7/16/25	19.81										
48	7/16/25	18.82										
49	7/15/25	16.33										
50	7/16/25	7.16										
51	7/16/25	8.27										
52	7/16/25	18.62										
53	7/14/25	9.80										
54	7/16/25	39.48	Moisture Condition, Soil/Dirt Compaction	7/24/25	17.91							
55	7/16/25	27.61	Moisture Condition, Soil/Dirt Compaction	7/24/25	16.16							
56	7/16/25	24.11										
57	7/16/25	31.67	Moisture Condition, Soil/Dirt Compaction	7/24/25	7.50							
58	7/16/25	7.10										
59	7/16/25	33.02	Moisture Condition, Soil/Dirt Compaction	7/24/25	16.17							
60	7/16/25	37.21	Moisture Condition, Soil/Dirt Compaction	7/24/25	15.91							
61	7/16/25	19.32										
62	7/16/25	16.24										
63	7/16/25	56.75	Moisture Condition, Soil/Dirt Compaction	7/24/25	9.41							
64	7/16/25	29.13	Moisture Condition, Soil/Dirt Compaction	7/24/25	7.90							
65	7/16/25	16.40										
66	7/14/25	13.46										
67	7/16/25	7.68										
68	7/16/25	8.20										
69	7/16/25	7.27										
70	7/16/25	8.20										
71	7/16/25	12.66										
72	7/16/25	10.26										
73	7/16/25	12.15										
74	7/16/25	8.32										
75	7/16/25	19.16										
76	7/14/25	17.43										
77	7/14/25	16.95										
78	7/14/25	17.26										
79	7/14/25	19.22										
80	7/14/25	17.35										
81	7/14/25	12.45										
82	7/14/25	17.40										

Table 2

83	7/14/25	10.25									
84	7/16/25	10.43									
85	7/16/25	19.21									
86	7/15/25	11.51									
87	7/15/25	34.40	Moisture Condition, Soil/Dirt Compaction	7/24/25	22.61						
88	7/15/25	19.04									
89	7/15/25	13.75									
90	7/14/25	22.33									
91	7/15/25	36.52	Moisture Condition, Soil/Dirt Compaction	7/24/25	16.51						
92	7/15/25	31.45	Moisture Condition, Soil/Dirt Compaction	7/24/25	24.35						
93	7/15/25	40.32	Moisture Condition, Soil/Dirt Compaction	7/24/25	22.86						
94	7/15/25	14.22									
95	7/15/25	48.92	Moisture Condition, Soil/Dirt Compaction	7/24/25	18.30						
96	7/15/25	10.41									
97	7/15/25	22.46									
98	7/15/25	21.62									
99	7/15/25	12.69									
100	7/15/25	20.70									
101	7/15/25	15.08									
102	7/15/25	11.45									
103	7/15/25	22.11									
104	7/15/25	18.14									
105	7/16/25	7.14									
106	7/16/25	6.90									
107	7/16/25	6.58									
108	7/17/25	6.91									
109	7/17/25	7.40									
110	7/16/25	5.10									
111	7/17/25	7.32									
112	7/17/25	9.05									
113	7/17/25	8.35									
114	7/17/25	9.88									
115	7/17/25	8.73									
116	7/17/25	6.39									
117	7/17/25	6.81									
118	7/17/25	8.63									
119	7/17/25	8.41									
120	7/17/25	8.81									
121	7/17/25	7.90									
122	7/17/25	8.65									
123	7/17/25	4.30									
124	7/17/25	2.23									
125	7/17/25	8.42									
126	7/17/25	4.62									

Table 2

127	7/17/25	5.30										
128	7/17/25	8.80										
129	7/17/25	8.36										
130	7/17/25	2.62										
131	7/17/25	5.86										
132	7/17/25	5.28										
133	7/17/25	5.82										
134	7/17/25	4.25										
135	7/17/25	5.65										
136	7/17/25	6.34										
137	7/17/25	5.62										
138	7/17/25	6.26										
139	7/17/25	9.22										
140	7/17/25	12.11										
141	7/17/25	10.14										
142	7/17/25	7.52										
143	7/17/25	7.88										
144	7/17/25	7.35										
145	7/14/25	20.17										
146	7/14/25	7.90										
147	7/14/25	12.40										
148	7/14/25	8.05										
149	7/14/25	18.74										
150	7/14/25	24.17										
151	7/14/25	21.22										
152	7/14/25	21.11										
153	7/14/25	20.12										
154	7/14/25	17.28										
155	7/14/25	12.42										
156	7/14/25	17.25										
157	7/14/25	21.14										
158	7/14/25	21.72										
159	7/14/25	16.61										
160	7/14/25	7.1										
161	7/15/25	13.58										
162	7/15/25	21.30										
163	7/14/25	16.9										
164	7/14/25	14.7										
165	7/14/25	18.8										
166	7/14/25	19.22										
167	7/14/25	19.34										
168	7/14/25	21.00										
169	7/14/25	23.16										
170	7/14/25	178	Moisture Condition, Soil/Dirt Compaction	7/24/25	10.10							

Table 2

171	7/14/25	20.62									
172	7/14/25	20.32									
173	7/14/25	20.18									
174	7/14/25	16.7									
175	7/14/25	15.14									
176	7/14/25	13.61									
177	7/14/25	16.02									
178	7/14/25	79.08	Flow Increase	7/24/25	11.62						
179	7/14/25	17.43									
180	7/14/25	21.66									
181	7/14/25	15.64									
182	7/14/25	18.40									
183	7/14/25	17.35									
184	7/14/25	17.78									
185	7/14/25	22.41									
186	7/14/25	15.41									
187	7/14/25	19.40									
188	7/14/25	26.60	Flow Increase	7/24/25	9.27						
189	7/14/25	15.20									
190	7/14/25	18.14									
191	7/14/25	16.22									
192	7/14/25	15.59									
193	7/14/25	15.77									
194	7/15/25	8.80									
195	7/15/25	9.24									
196	7/16/25	27.70	Moisture Condition, Soil/Dirt Compaction	7/24/25	21.60						
197	7/15/25	11.97									
198	7/15/25	24.21									
199	7/15/25	10.49									
200	7/14/25	16.46									
201	7/14/25	14.22									
202	7/15/25	19.38									
203	7/15/25	18.91									
204	7/15/25	18.91									
205	7/15/25	26.90	Flow Increase	7/24/25	21.60						
206	7/15/25	21.33									
207	7/15/25	26.75	Flow Increase	7/24/25	20.42						
208	7/15/25	30.23	Flow Increase	7/24/25	17.86						
209	7/15/25	19.12									
210	7/15/25	16.11									
211	7/15/25	17.62									
212	7/15/25	28.40	Flow Increase	7/24/25	23.94						
213	7/15/25	18.37									
214	7/15/25	21.60									

Table 2

215	7/15/25	14.20											
216	7/15/25	11.61											
217	7/15/25	12.07											
218	7/15/25	11.43											
219	7/15/25	8.80											
220	7/15/25	10.22											
221	7/15/25	17.75											
222	7/15/25	15.09											
223	7/15/25	10.29											
224	7/15/25	11.27											
225	7/15/25	11.17											
226	7/15/25	11.05											
227	7/15/25	11.29											
228	7/15/25	11.47											
229	7/15/25	12.16											
230	7/15/25	11.08											
231	7/15/25	11.16											
232	7/15/25	19.61											
233	7/15/25	29.02	Moisture Condition, Soil/Dirt Compaction	7/24/25	21.82								
234	7/17/25	Active Construction											
235	7/17/25	Active Construction											
236	7/17/25	Active Construction											
237	7/17/25	Active Construction											
238	7/17/25	16.42											
239	7/17/25	10.57											
240	7/15/25	16.83											
241	7/15/25	15.35											
242	7/15/25	16.65											
243	7/15/25	16.72											
244	7/15/25	15.92											
245	7/15/25	10.05											
246	7/15/25	29.00	Moisture Condition, Soil/Dirt Compaction	7/24/25	22.90								
247	7/15/25	47.00	Moisture Condition, Soil/Dirt Compaction	7/24/25	24.28								
248	7/15/25	38.00	Moisture Condition, Soil/Dirt Compaction	7/24/25	21.43								
249	7/15/25	12.64											
250	7/17/25	Active Construction											
251	7/17/25	Active Construction											
252	7/17/25	Active Construction											
253	7/17/25	Active Construction											

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

July 2025 Chiquita Canyon Landfill Integrated Surface Sampling Full Site Sweep (7-28-25/7-29-25/7-30-25/7-31-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
1	7/31/25	7.23									
2	7/31/25	5.93									
3	7/31/25	6.53									
4	7/31/25	Active Construction									
5	7/31/25	Active Construction									
6	7/31/25	Active Construction									
7	7/31/25	Active Construction									
8	7/31/25	9.14									
9	7/31/25	Active Construction									
10	7/31/25	Active Construction									
11	7/31/25	3.81									
12	7/31/25	3.11									
13	7/31/25	9.17									
14	7/31/25	3.31									
15	7/31/25	3.72									
16	7/31/25	3.18									
17	7/31/25	6.61									
18	7/31/25	6.43									
19	7/31/25	7.38									
20	7/31/25	3.16									
21	7/30/25	20.18									
22	7/30/25	19.31									
23	7/30/25	17.42									
24	7/30/25	16.13									
25	7/30/25	14.35									
26	7/30/25	14.29									
27	7/30/25	12.33									
28A	7/30/25	12.29									
29	7/30/25	15.12									
30	7/31/25	14.52									
31	7/30/25	21.24									
32	7/28/25	20.73									
33	7/31/25	10.13									
34	7/30/25	16.91									
35	7/30/25	19.42									
36	7/30/25	8.38									
37	7/31/25	16.53									
38	7/30/25	19.22									

Table 2

39	7/30/25	21.42									
40	7/30/25	7.96									
41	7/31/25	9.18									
42	7/30/25	14.16									
43	7/30/25	38.40	Flow Increase	8/7/25	14.5						
44	7/30/25	39.20	Flow Increase	8/7/25	24.6						
45	7/31/25	3.51									
46	7/31/25	3.56									
47	7/31/25	4.68									
48	7/31/25	6.43									
49	7/30/25	15.44									
50	7/30/25	17.12									
51	7/31/25	7.85									
52	7/31/25	6.44									
53	7/28/25	15.3									
54	7/28/25	21.93									
55	7/30/25	70.73	Flow Increase	8/7/25	20.7						
56	7/30/25	28.33	Flow Increase	8/7/25	23.8						
57	7/30/25	14.03									
58	7/30/25	18.69									
59	7/28/25	20.59									
60	7/30/25	79.36	Flow Increase	8/7/25	16.9						
61	7/30/25	20.81									
62	7/30/25	87.02	Flow Increase	8/7/25	15.3						
63	7/30/25	30.00	Flow Increase	8/7/25	9.6						
64	7/30/25	61.35	Flow Increase	8/7/25	10.0						
65	7/30/25	33.50	Flow Increase	8/7/25	17.6						
66	7/28/25	22.9									
67	7/28/25	20.05									
68	7/30/25	30.48	Flow Increase	8/7/25	22.4						
69	7/30/25	20.74									
70	7/30/25	11.32									
71	7/30/25	14.84									
72	7/30/25	13.96									
73	7/30/25	22.46									
74	7/30/25	21.35									
75	7/28/25	21.67									
76	7/28/25	13.46									
77	7/28/25	12.69									
78	7/28/25	15.42									
79	7/28/25	17.36									
80	7/28/25	19.81									
81	7/28/25	21.0									
82	7/28/25	61.47	Moisture Condition, Soil/Dirt Compaction	8/7/25	23.8						

Table 2

83	7/28/25	19.47										
84	7/31/25	8.91										
85	7/30/25	16.24										
86	7/30/25	14.31										
87	7/30/25	24.69										
88	7/29/25	20.37										
89	7/29/25	19.47										
90	7/28/25	17.72										
91	7/30/25	32.19	Flow Increase	8/7/25	10.2							
92	7/30/25	24.77										
93	7/30/25	51.30	Flow Increase	8/7/25	21.4							
94	7/30/25	35.26	Flow Increase	8/7/25	19.6							
95	7/30/25	15.25										
96	7/29/25	17.16										
97	7/29/25	12.09										
98	7/29/25	12.35										
99	7/29/25	23.17										
100	7/29/25	15.19										
101	7/30/25	12.25										
102	7/29/25	12.30										
103	7/29/25	10.30										
104	7/29/25	18.34										
105	7/30/25	13.42										
106	7/30/25	13.08										
107	7/31/25	6.36										
108	7/31/25	7.14										
109	7/31/25	5.16										
110	7/31/25	10.14										
111	7/31/25	6.96										
112	7/31/25	6.10										
113	7/31/25	6.67										
114	7/31/25	9.13										
115	7/31/25	6.45										
116	7/31/25	13.36										
117	7/31/25	15.20										
118	7/31/25	10.42										
119	7/31/25	11.25										
120	7/31/25	12.30										
121	7/31/25	8.79										
122	7/31/25	6.52										
123	7/31/25	7.62										
124	7/31/25	7.32										
125	7/31/25	6.74										
126	7/31/25	6.00										

Table 2

127	7/31/25	13.40										
128	7/31/25	18.20										
129	7/31/25	12.20										
130	7/31/25	8.32										
131	7/31/25	6.52										
132	7/31/25	7.06										
133	7/31/25	6.53										
134	7/31/25	7.09										
135	7/31/25	6.91										
136	7/31/25	11.25										
137	7/31/25	7.35										
138	7/31/25	10.55										
139	7/31/25	11.75										
140	7/31/25	8.45										
141	7/31/25	7.62										
142	7/31/25	7.32										
143	7/31/25	9.98										
144	7/31/25	6.24										
145	7/28/25	13.60										
146	7/28/25	21.70										
147	7/28/25	18.7										
148	7/28/25	15.26										
149	7/28/25	12.29										
150	7/28/25	23.15										
151	7/28/25	18.36										
152	7/28/25	12.60										
153	7/28/25	9.40										
154	7/28/25	23.11										
155	7/30/25	21.73										
156	7/28/25	10.45										
157	7/28/25	19.40										
158	7/28/25	10.25										
159	7/28/25	24.31										
160	7/28/25	19.78										
161	7/29/25	19.81										
162	7/29/25	18.57										
163	7/28/25	18.07										
164	7/28/25	19.51										
165	7/28/25	22.32										
166	7/28/25	22.16										
167	7/28/25	21.47										
168	7/29/25	8.97										
169	7/29/25	10.26										
170	7/28/25	20.42										

Table 2

171	7/28/25	7.86									
172	7/28/25	14.40									
173	7/28/25	10.92									
174	7/28/25	17.62									
175	7/28/25	20.72									
176	7/28/25	20.18									
177	7/28/25	9.50									
178	7/28/25	18.55									
179	7/28/25	17.86									
180	7/28/25	19.89									
181	7/28/25	20.37									
182	7/28/25	18.90									
183	7/28/25	19.73									
184	7/28/25	19.48									
185	7/28/25	16.82									
186	7/28/25	18.86									
187	7/28/25	13.43									
188	7/28/25	19.68									
189	7/28/25	17.16									
190	7/28/25	23.42									
191	7/28/25	18.93									
192	7/28/25	18.18									
193	7/28/25	20.08									
194	7/29/25	72.80	Moisture Condition, Soil/Dirt Compaction	8/7/25	23.5						
195	7/29/25	18.13									
196	7/29/25	20.16									
197	7/29/25	20.23									
198	7/29/25	11.48									
199	7/29/25	20.84									
200	7/28/25	17.46									
201	7/28/25	18.61									
202	7/28/25	12.41									
203	7/29/25	6.46									
204	7/29/25	9.34									
205	7/28/25	18.80									
206	7/29/25	5.36									
207	7/29/25	12.39									
208	7/29/25	8.43									
209	7/29/25	7.25									
210	7/29/25	10.46									
211	7/29/25	5.30									
212	7/29/25	9.68									
213	7/29/25	9.82									
214	7/29/25	67.85	Moisture Condition, Soil/Dirt Compaction	8/7/25	23.8						

Table 2

215	7/29/25	46.32	Moisture Condition, Soil/Dirt Compaction	8/7/25	24.7							
216	7/29/25	21.47										
217	7/29/25	19.66										
218	7/29/25	20.54										
219	7/29/25	19.34										
220	7/29/25	11.35										
221	7/29/25	13.74										
222	7/29/25	117	Moisture Condition, Soil/Dirt Compaction	8/7/25	21.3							
223	7/29/25	19.60										
224	7/29/25	20.62										
225	7/29/25	19.82										
226	7/29/25	20.72										
227	7/29/25	16.39										
228	7/29/25	17.14										
229	7/29/25	17.89										
230	7/30/25	20.24										
231	7/30/25	82.18	Flow Increase	8/7/25	18.5							
232	7/30/25	84.61	Flow Increase	8/7/25	20.2							
233	7/30/25	84.90	Flow Increase	8/7/25	17.7							
234	7/31/25	Active Construction										
235	7/31/25	Active Construction										
236	7/31/25	Active Construction										
237	7/30/25	24.31										
238	7/30/25	17.85										
239	7/30/25	21.60										
240	7/30/25	68.77	Flow Increase	8/7/25	18.12							
241	7/30/25	128	Flow Increase	8/7/25	9.2							
242	7/30/25	49.66	Flow Increase	8/7/25	13.1							
243	7/30/25	43.23	Flow Increase	8/7/25	22.8							
244	7/30/25	30.32	Flow Increase	8/7/25	20.9							
245	7/30/25	18.25										
246	7/30/25	15.30										
247	7/30/25	13.40										
248	7/30/25	18.32										
249	7/30/25	14.60										
250	7/30/25	35.18	Flow Increase	8/7/25	12.8							
251	7/31/25	Active Construction										
252	7/31/25	Active Construction										
253	7/31/25	Active Construction										

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

August 2025 Chiquita Canyon Landfill Integerated Surface Sampling Reaction Area (8-6-25/8-7-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
53	8/6/25	77.86	Moisture Condition, Soil/Dirt Compaction	8/13/25	22.1						
66	8/6/25	16.08									
76	8/6/25	16.54									
77	8/6/25	14.62									
78	8/6/25	6.25									
79	8/6/25	3.40									
80	8/7/25	16.75									
81	8/6/25	33.41	Flow Increase	8/13/25	16.7						
82	8/6/25	35.0	Flow Increase	8/13/25	13.8						
83	8/7/25	36.29	Flow Increase	8/13/25	13.3						
88	8/7/25	6.29									
89	8/6/25	7.5									
90	8/6/25	6.1									
96	8/7/25	5.8									
99	8/7/25	9.1									
145	8/6/25	5.20									
146	8/6/25	13.64									
147	8/6/25	15.42									
148	8/6/25	16.42									
149	8/6/25	23.41									
150	8/6/25	13.54									
151	8/6/25	10.60									
152	8/6/25	5.7									
153	8/6/25	6.3									
154	8/6/25	15.64									
155	8/6/25	19.39									
156	8/6/25	8.52									
157	8/6/25	8.5									
158	8/6/25	17.2									
159	8/6/25	20.49									
160	8/6/25	8.2									
161	8/7/25	24.28									
162	8/7/25	5.77									
163	8/6/25	15.26									
164	8/6/25	5.61									
165	8/6/25	5.7									
166	8/7/25	37.16	Moisture Condition, Soil/Dirt Compaction; Flow Increase	8/13/25	19.11						

Table 2

167	8/7/25	9.81									
168	8/6/25	30.70	Flow Increase	8/13/25	11.8						
169	8/6/25	6.47									
170	8/6/25	7.31									
171	8/6/25	8.6									
172	8/6/25	12.53									
173	8/6/25	7.16									
174	8/6/25	6.21									
175	8/6/25	7.4									
176	8/6/25	6.57									
177	8/6/25	77.28	Flow Increase	8/13/25	19.6						
178	8/6/25	9.63									
179	8/6/25	9.05									
180	8/6/25	9.48									
181	8/6/25	8.39									
182	8/6/25	4.38									
183	8/6/25	5.46									
184	8/6/25	9.42									
185	8/6/25	99.25	Flow Increase	8/13/25	20.3						
186	8/6/25	3.45									
187	8/6/25	5.73									
188	8/6/25	5.38									
189	8/6/25	5.56									
190	8/6/25	5.30									
191	8/6/25	3.20									
192	8/6/25	3.48									
193	8/6/25	2.42									
194	8/7/25	6.38									
195	8/7/25	5.4									
196	8/7/25	7.48									
197	8/7/25	5.39									
198	8/7/25	7.56									
199	8/7/25	4.45									
200	8/6/25	6.71									
201	8/6/25	7.29									
202	8/7/25	2.30									
203	8/7/25	4.65									
204	8/7/25	7.26									
205	8/7/25	4.65									
206	8/7/25	5.20									
207	8/7/25	4.17									
208	8/7/25	10.71									
209	8/6/25	19.60									
210	8/7/25	5.76									
211	8/7/25	4.32									

Table 2

212	8/7/25	6.00									
213	8/7/25	3.56									
214	8/7/25	5.44									
215	8/7/25	4.35									
216	8/7/25	7.5									
217	8/7/25	6.7									

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

August 2025 Chiquita Canyon Landfill Integerated Surface Sampling Reaction Area (8-19-25/8-20-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
53	8/19/25	7.07									
66	8/19/25	6.61									
76	8/19/25	6.47									
77	8/19/25	8.17									
78	8/19/25	5.85									
79	8/19/25	6.76									
80	8/19/25	11.98									
81	8/19/25	19.5									
82	8/19/25	20.1									
83	8/19/25	7.89									
88	8/20/25	35.91	Flow Increase	8/27/25	17.3						
89	8/19/25	9.78									
90	8/19/25	10.56									
96	8/20/25	5.16									
99	8/20/25	5.13									
145	8/19/25	11.30									
146	8/19/25	6.50									
147	8/19/25	6.07									
148	8/19/25	8.71									
149	8/19/25	21.30									
150	8/19/25	12.47									
151	8/19/25	11.25									
152	8/19/25	6.49									
153	8/19/25	8.31									
154	8/19/25	18.5									
155	8/19/25	16.34									
156	8/19/25	13.56									
157	8/19/25	6.04									
158	8/19/25	9.11									
159	8/19/25	15.9									
160	8/19/25	16.51									
161	8/19/25	9.71									
162	8/20/25	7.00									
163	8/20/25	9.26									
164	8/20/25	11.12									

Table 2

165	8/19/25	17.06									
166	8/19/25	8.12									
167	8/19/25	7.06									
168	8/19/25	7.17									
169	8/19/25	9.50									
170	8/19/25	12.60									
171	8/19/25	16.48									
172	8/19/25	5.75									
173	8/19/25	11.32									
174	8/19/25	10.50									
175	8/19/25	6.21									
176	8/19/25	6.57									
177	8/19/25	12.40									
178	8/19/25	7.45									
179	8/19/25	12.33									
180	8/19/25	12.36									
181	8/19/25	6.91									
182	8/19/25	12.60									
183	8/19/25	13.40									
184	8/19/25	5.60									
185	8/19/25	7.11									
186	8/19/25	5.58									
187	8/19/25	12.40									
188	8/19/25	11.7									
189	8/19/25	11.9									
190	8/19/25	5.67									
191	8/19/25	5.92									
192	8/19/25	6.10									
193	8/19/25	6.61									
194	8/20/25	6.47									
195	8/20/25	5.81									
196	8/20/25	8.08									
197	8/20/25	12.00									
198	8/20/25	17.19									
199	8/20/25	13.70									
200	8/19/25	6.19									
201	8/19/25	6.22									
202	8/20/25	10.01									
203	8/20/25	8.93									
204	8/20/25	23.20									
205	8/20/25	8.35									
206	8/20/25	13.92									
207	8/20/25	15.17									
208	8/20/25	19.30									
209	8/20/25	17.56									

Table 2

210	8/20/25	14.20									
211	8/20/25	10.32									
212	8/20/25	17.64									
213	8/20/25	6.26									
214	8/20/25	29.01	Flow Increase	8/27/25	15.7						
215	8/20/25	58.69	Moisture Condition,Soil/Dirt Compact;Flow Increase	8/27/25	22.4						
216	8/20/25	5.11									
217	8/20/25	12.85									

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

August 2025 Chiquita Canyon Landfill Integrated Surface Sampling Full Site Sweep(8-25-25/8-26-25/8-27-25/8-28-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
1	8/28/25	5.77									
2	8/28/25	7.20									
3	8/28/25	7.50									
4	8/28/25	Active Construction									
5	8/28/25	Active Construction									
6	8/28/25	Active Construction									
7	8/28/25	Active Construction									
8	8/28/25	6.72									
9	8/28/25	Active Construction									
10	8/28/25	Active Construction									
11	8/28/25	10.12									
12	8/28/25	6.62									
13	8/28/25	7.30									
14	8/28/25	5.30									
15	8/28/25	6.39									
16	8/28/25	5.20									
17	8/28/25	7.17									
18	8/28/25	6.31									
19	8/28/25	5.96									
20	8/28/25	5.17									
21	8/28/25	10.23									
22	8/27/25	9.41									
23	8/28/25	6.37									
24	8/28/25	5.94									
25	8/28/25	5.02									
26	8/28/25	5.67									
27	8/28/25	5.88									
28A	8/28/25	5.71									
29	8/28/25	5.01									
30	8/27/25	22.3									
31	8/27/25	18.16									
32	8/27/25	5.40									
33	8/27/25	8.6									
34	8/27/25	9.2									
35	8/27/25	19.32									
36	8/27/25	6.30									
37	8/27/25	14.71									
38	8/27/25	7.4									

Table 2

39	8/27/25	11.40										
40	8/27/25	3.60										
41	8/27/25	12.60										
42	8/27/25	12.28										
43	8/27/25	10.13										
44	8/27/25	5.40										
45	8/27/25	13.85										
46	8/27/25	12.28										
47	8/27/25	10.27										
48	8/27/25	14.77										
49	8/27/25	18.47										
50	8/27/25	15.20										
51	8/27/25	10.42										
52	8/27/25	12.79										
53	8/25/25	10.73										
54	8/27/25	7.16										
55	8/27/25	6.31										
56	8/27/25	6.12										
57	8/27/25	5.19										
58	8/27/25	8.3										
59	8/27/25	11.91										
60	8/27/25	8.15										
61	8/27/25	11.67										
62	8/27/25	10.16										
63	8/27/25	9.29										
64	8/27/25	3.23										
65	8/27/25	6.39										
66	8/25/25	8.23										
67	8/27/25	14.7										
68	8/27/25	9.9										
69	8/27/25	7.6										
70	8/27/25	12.2										
71	8/27/25	16.22										
72	8/27/25	15.92										
73	8/27/25	14.88										
74	8/27/25	13.72										
75	8/27/25	15.10										
76	8/25/25	6.93										
77	8/25/25	6.25										
78	8/25/25	8.40										
79	8/25/25	4.67										
80	8/25/25	5.70										
81	8/26/25	67.55	Flow Increase	9/4/25	23.25							
82	8/26/25	50.25	Flow increase	9/4/25	16.11							

Table 2

83	8/25/25	8.16										
84	8/27/25	45.9	Flow Increase	9/4/25	17.20							
85	8/27/25	19.22										
86	8/27/25	18.77										
87	8/27/25	15.58										
88	8/26/25	7.4										
89	8/25/25	6.22										
90	8/25/25	8.80										
91	8/27/25	26.26	Flow Increase	9/4/25	9.03							
92	8/27/25	13.42										
93	8/27/25	50.40	Flow Increase	9/4/25	12.30							
94	8/27/25	16.82										
95	8/27/25	27.73	Flow Increase	9/4/25	11.30							
96	8/26/25	7.8										
97	8/27/25	11.58										
98	8/26/25	14.46										
99	8/26/25	8.17										
100	8/26/25	13.1										
101	8/26/25	17.07										
102	8/26/25	12.3										
103	8/26/25	16.27										
104	8/26/25	19.23										
105	8/28/25	5.06										
106	8/28/25	5.40										
107	8/28/25	5.25										
108	8/28/25	6.47										
109	8/28/25	8.81										
110	8/28/25	6.15										
111	8/28/25	5.45										
112	8/28/25	5.70										
113	8/28/25	6.45										
114	8/28/25	8.20										
115	8/28/25	9.57										
116	8/28/25	6.93										
117	8/28/25	9.20										
118	8/28/25	5.76										
119	8/28/25	7.30										
120	8/28/25	9.26										
121	8/28/25	7.86										
122	8/28/25	7.90										
123	8/28/25	7.77										
124	8/28/25	8.38										
125	8/28/25	7.3										
126	8/28/25	5.5										

Table 2

127	8/28/25	6.2										
128	8/28/25	4.8										
129	8/28/25	4.4										
130	8/28/25	9.46										
131	8/28/25	8.22										
132	8/28/25	9.62										
133	8/28/25	4.9										
134	8/28/25	6.2										
135	8/28/25	4.6										
136	8/28/25	4.8										
137	8/28/25	5.86										
138	8/28/25	9.46										
139	8/28/25	9.73										
140	8/28/25	8.27										
141	8/28/25	7.62										
142	8/28/25	8.21										
143	8/28/25	4.20										
144	8/28/25	8.20										
145	8/25/25	5.30										
146	8/25/25	6.42										
147	8/25/25	7.41										
148	8/25/25	11.02										
149	8/25/25	8.77										
150	8/26/25	7.65										
151	8/25/25	5.21										
152	8/25/25	7.43										
153	8/25/25	8.15										
154	8/25/25	11.40										
155	8/25/25	9.11										
156	8/25/25	6.18										
157	8/25/25	5.30										
158	8/25/25	8.42										
159	8/25/25	12.31										
160	8/25/25	5.51										
161	8/25/25	8.79										
162	8/26/25	8.6										
163	8/25/25	6.60										
164	8/26/25	7.2										
165	8/26/25	12.80										
166	8/25/25	8.12										
167	8/25/25	7.12										
168	8/26/25	6.20										
169	8/25/25	5.1										
170	8/25/25	4.6										

Table 2

171	8/25/25	7.68										
172	8/25/25	7.2										
173	8/25/25	4.5										
174	8/25/25	8.3										
175	8/25/25	7.15										
176	8/25/25	7.53										
177	8/25/25	7.20										
178	8/25/25	9.3										
179	8/25/25	6.7										
180	8/25/25	5.4										
181	8/25/25	6.27										
182	8/25/25	6.32										
183	8/25/25	6.80										
184	8/25/25	8.7										
185	8/25/25	7.1										
186	8/25/25	5.21										
187	8/25/25	5.73										
188	8/25/25	5.17										
189	8/25/25	6.67										
190	8/25/25	5.49										
191	8/25/25	5.31										
192	8/25/25	6.07										
193	8/25/25	5.18										
194	8/26/25	10.3										
195	8/26/25	7.1										
196	8/26/25	6.1										
197	8/26/25	33.6	Flow Increase	9/4/25	24.25							
198	8/26/25	8.3										
199	8/26/25	8.2										
200	8/25/25	5.97										
201	8/25/25	6.43										
202	8/26/25	5.05										
203	8/26/25	8.30										
204	8/26/25	5.40										
205	8/26/25	4.50										
206	8/26/25	5.67										
207	8/26/25	4.63										
208	8/26/25	6.95										
209	8/26/25	4.45										
210	8/26/25	5.61										
211	8/26/25	7.53										
212	8/26/25	7.25										
213	8/26/25	7.55										
214	8/26/25	8.87										

Table 2

215	8/26/25	8.60											
216	8/26/25	8.21											
217	8/26/25	7.16											
218	8/26/25	8.29											
219	8/26/25	9.16											
220	8/26/25	16.2											
221	8/26/25	11.5											
222	8/26/25	14.2											
223	8/26/25	12.7											
224	8/26/25	7.9											
225	8/26/25	8.8											
226	8/26/25	12.3											
227	8/26/25	11.7											
228	8/26/25	12.11											
229	8/26/25	13.23											
230	8/26/25	12.41											
231	8/26/25	11.31											
232	8/26/25	12.29											
233	8/26/25	9.26											
234	8/28/25	Active Construction											
235	8/28/25	Active Construction											
236	8/28/25	Active Construction											
237	8/28/25	Active Construction											
238	8/27/25	11.70											
239	8/27/25	8.50											
240	8/26/25	6.41											
241	8/26/25	4.20											
242	8/26/25	5.70											
243	8/26/25	4.20											
244	8/26/25	5.60											
245	8/26/25	2.73											
246	8/26/25	3.84											
247	8/26/25	2.96											
248	8/26/25	1.97											
249	8/26/25	3.60											
250	8/28/25	Active Construction											
251	8/28/25	Active Construction											
252	8/28/25	Active Construction											
253	8/28/25	Active Construction											

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

September 2025 Chiquita Canyon Landfill Integerated Surface Sampling Reaction Area (9-2-25/9-3-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
53	9/2/25	16.87									
66	9/2/25	11.24									
76	9/2/25	11.20									
77	9/2/25	9.65									
78	9/2/25	6.91									
79	9/2/25	11.32									
80	9/2/25	4.30									
81	9/2/25	17.18									
82	9/2/25	19.20									
83	9/2/25	17.2									
88	9/3/25	30.40	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	20.41						
89	9/3/25	10.51									
90	9/3/25	6.32									
96	9/3/25	28.74	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	10.19						
99	9/3/25	29.14	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	11.06						
145	9/2/25	10.35									
146	9/2/25	11.13									
147	9/2/25	16.20									
148	9/2/25	14.86									
149	9/2/25	20.22									
150	9/2/25	32.98	Flow Increase	9/12/25	8.21						
151	9/2/25	23.17									
152	9/2/25	14.19									
153	9/2/25	79.80	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	20.66						
154	9/2/25	18.67									
155	9/2/25	12.1									
156	9/2/25	18.28									
157	9/2/25	9.75									
158	9/2/25	11.17									
159	9/2/25	19.96									
160	9/2/25	9.3									
161	9/3/25	4.32									
162	9/3/25	28.20	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	21.62						
163	9/3/25	8.60									
164	9/3/25	11.50									

Table 2

165	9/2/25	8.7									
166	9/2/25	13.6									
167	9/3/25	7.11									
168	9/3/25	6.39									
169	9/2/25	15.06									
170	9/2/25	11.37									
171	9/2/25	10.29									
172	9/2/25	13.02									
173	9/2/25	25.8	Flow Increase	9/12/25	18.45						
174	9/2/25	14.12									
175	9/2/25	8.5									
176	9/2/25	19.3									
177	9/2/25	11.40									
178	9/2/25	63.42	Flow Increase	9/12/25	9.68						
179	9/2/25	11.80									
180	9/2/25	9.12									
181	9/2/25	11.17									
182	9/2/25	11.51									
183	9/2/25	14.10									
184	9/2/25	9.37									
185	9/2/25	17.16									
186	9/2/25	11.40									
187	9/2/25	26.57	Flow Increase	9/12/25	19.12						
188	9/2/25	23.13									
189	9/2/25	10.44									
190	9/2/25	10.30									
191	9/2/25	5.60									
192	9/2/25	4.25									
193	9/2/25	3.75									
194	9/3/25	51.75	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	24.16						
195	9/3/25	28.30	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	12.26						
196	9/3/25	25.40	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	19.11						
197	9/3/25	32.97	Moisture Condition, Soil/Dirt Compaction; Flow Increase	9/12/25	19.18						
198	9/3/25	20.60									
199	9/3/25	37.47	Flow Increase	9/12/25	23.61						
200	9/2/25	9.7									
201	9/2/25	9.3									
202	9/3/25	7.08									
203	9/3/25	7.31									
204	9/3/25	7.18									
205	9/3/25	6.29									
206	9/3/25	7.21									
207	9/3/25	6.47									
208	9/3/25	9.32									
209	9/3/25	7.41									

Table 2

210	9/3/25	10.35									
211	9/3/25	8.92									
212	9/3/25	7.31									
213	9/3/25	6.21									
214	9/3/25	7.62									
215	9/3/25	11.45									
216	9/3/25	37.90	Flow Increase	9/12/25	18.43						
217	9/3/25	37.20	Flow Increase	9/12/25	17.62						

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

September 2025 Chiquita Canyon Landfill Integrated Surface Sampling Full Site Sweep (9-15-25/9-16-25/9-17-25/9-19-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
1	9/19/25	5.97									
2	9/19/25	5.57									
3	9/19/25	5.87									
4	9/19/25	5.96									
5	9/17/25	5.09									
6	9/19/25	7.15									
7	9/19/25	Active Construction									
8	9/19/25	7.85									
9	9/19/25	Active Construction									
10	9/17/25	9.41									
11	9/19/25	5.69									
12	9/19/25	5.47									
13	9/19/25	Active Construction									
14	9/19/25	Active Construction									
15	9/19/25	Active Construction									
16	9/19/25	5.7									
17	9/17/25	13.29									
18	9/17/25	14.02									
19	9/17/25	8.30									
20	9/19/25	5.31									
21	9/17/25	9.24									
22	9/17/25	4.03									
23	9/17/25	8.90									
24	9/17/25	4.60									
25	9/17/25	7.02									
26	9/17/25	4.74									
27	9/17/25	11.07									
28A	9/17/25	13.01									
29	9/17/25	4.02									
30	9/16/25	127	Flow Increase	9/24/25	22.60						
31	9/16/25	20.27									
32	9/16/25	15.17									
33	9/16/25	17.82									
34	9/16/25	18.61									
35	9/16/25	19.72									
36	9/17/25	19.87									
37	9/17/25	18.92									

Table 2

38	9/17/25	10.3										
39	9/17/25	16.2										
40	9/17/25	16.31										
41	9/17/25	16.49										
42	9/17/25	11.5										
43	9/17/25	14.3										
44	9/17/25	15.61										
45	9/17/25	10.6										
46	9/17/25	9.6										
47	9/17/25	11.6										
48	9/17/25	11.8										
49	9/17/25	19.67										
50	9/17/25	18.97										
51	9/17/25	9.9										
52	9/17/25	12.1										
53	9/15/25	15.16										
54	9/15/25	14.39										
55	9/17/25	9.1										
56	9/17/25	7.5										
57	9/17/25	8.7										
58	9/17/25	18.77										
59	9/17/25	9.8										
60	9/17/25	13.68										
61	9/17/25	12.31										
62	9/17/25	10.41										
63	9/17/25	11.91										
64	9/17/25	12.59										
65	9/17/25	8.4										
66	9/15/25	9.75										
67	9/15/25	13.61										
68	9/17/25	19.77										
69	9/17/25	17.25										
70	9/17/25	15.50										
71	9/17/25	7.1										
72	9/17/25	28.6	Flow Increase	9/24/25	3.30							
73	9/17/25	7.4										
74	9/17/25	18.83										
75	9/15/25	10.29										
76	9/15/25	10.41										
77	9/15/25	12.26										
78	9/15/25	17.76										
79	9/17/25	11.9										
80	9/17/25	24.6										
81	9/15/25	34.2	Flow Increase	9/24/25	24.13							

Table 2

82	9/15/25	49.1	Flow Increase	9/24/25	22.31							
83	9/15/25	48.8	Flow Increase	9/24/25	13.04							
84	9/16/25	49.90	Flow Increase	9/24/25	24.32							
85	9/16/25	8.74										
86	9/16/25	7.02										
87	9/17/25	18.39										
88	9/16/25	7.13										
89	9/16/25	6.59										
90	9/16/25	9.3										
91	9/17/25	17.46										
92	9/17/25	17.85										
93	9/17/25	96.60	Flow Increase	9/24/25	20.29							
94	9/17/25	97.97	Flow Increase	9/24/25	7.30							
95	9/17/25	67.44	Flow Increase	9/24/25	8.30							
96	9/16/25	5.21										
97	9/17/25	32.81	Flow Increase	9/24/25	9.89							
98	9/17/25	97.70	Flow Increase	9/24/25	8.60							
99	9/16/25	5.16										
100	9/17/25	22.45										
101	9/17/25	29.51	Flow Increase	9/24/25	18.90							
102	9/17/25	23.77										
103	9/17/25	25.60	Flow Increase	9/24/25	10.71							
104	9/17/25	131	Flow Increase	9/24/25	18.15							
105	9/17/25	4.25										
106	9/17/25	9.50										
107	9/17/25	9.45										
108	9/19/25	5.79										
109	9/19/25	5.79										
110	9/19/25	6.84										
111	9/19/25	7.12										
112	9/17/25	7.52										
113	9/19/25	2.8										
114	9/17/25	4.07										
115	9/19/25	4.4										
116	9/19/25	7.43										
117	9/19/25	3.9										
118	9/19/25	6.3										
119	9/19/25	5.71										
120	9/17/25	4.01										
121	9/19/25	7.84										
122	9/19/25	8.63										
123	9/19/25	5.7										
124	9/19/25	5.3										
125	9/19/25	4.7										

Table 2

126	9/19/25	8.22										
127	9/19/25	7.45										
128	9/19/25	6.75										
129	9/19/25	7.95										
130	9/19/25	7.32										
131	9/19/25	9.27										
132	9/19/25	7.81										
133	9/19/25	7.51										
134	9/19/25	7.50										
135	9/19/25	7.36										
136	9/19/25	8.25										
137	9/19/25	7.48										
138	9/19/25	7.56										
139	9/19/25	7.84										
140	9/19/25	9.30										
141	9/19/25	7.65										
142	9/19/25	7.55										
143	9/19/25	4.9										
144	9/19/25	5.4										
145	9/15/25	9.12										
146	9/15/25	9.16										
147	9/15/25	9.89										
148	9/15/25	16.2										
149	9/15/25	10.87										
150	9/15/25	19.97										
151	9/15/25	14.16										
152	9/15/25	13.90										
153	9/15/25	11.39										
154	9/15/25	24.6										
155	9/15/25	15.2										
156	9/15/25	13.87										
157	9/15/25	14.22										
158	9/16/25	17.22										
159	9/15/25	16.5										
160	9/16/25	12.2										
161	9/16/25	10.60										
162	9/16/25	7.20										
163	9/16/25	6.48										
164	9/16/25	6.59										
165	9/16/25	8.5										
166	9/15/25	11.9										
167	9/15/25	13.1										
168	9/15/25	11.6										
169	9/16/25	20.39										

Table 2

170	9/16/25	19.30										
171	9/16/25	18.67										
172	9/15/25	13.50										
173	9/15/25	14.72										
174	9/15/25	12.09										
175	9/15/25	19.86										
176	9/15/25	18.29										
177	9/15/25	12.11										
178	9/15/25	20.22										
179	9/15/25	18.19										
180	9/15/25	21.26										
181	9/15/25	12.15										
182	9/15/25	8.56										
183	9/15/25	9.60										
184	9/15/25	13.74										
185	9/15/25	10.23										
186	9/15/25	11.25										
187	9/15/25	11.40										
188	9/15/25	13.88										
189	9/15/25	11.40										
190	9/15/25	10.30										
191	9/15/25	9.45										
192	9/15/25	8.40										
193	9/15/25	9.50										
194	9/16/25	6.16										
195	9/16/25	6.95										
196	9/16/25	7.30										
197	9/16/25	7.29										
198	9/16/25	5.82										
199	9/16/25	10.26										
200	9/15/25	20.22										
201	9/15/25	13.25										
202	9/15/25	11.76										
203	9/16/25	21.16										
204	9/16/25	3.95										
205	9/16/25	3.35										
206	9/16/25	3.29										
207	9/16/25	3.87										
208	9/16/25	4.87										
209	9/16/25	8.98										
210	9/16/25	15.00										
211	9/16/25	6.23										
212	9/16/25	7.00										
213	9/16/25	7.36										

214	9/16/25	9.20										
215	9/16/25	24.76										
216	9/16/25	5.21										
217	9/16/25	5.19										
218	9/16/25	11.6										
219	9/16/25	4.6										
220	9/16/25	47.36	Flow Increase	9/24/25	6.80							
221	9/19/25	8.9										
222	9/19/25	7.5										
223	9/19/25	6.2										
224	9/19/25	9.5										
225	9/19/25	6.8										
226	9/16/25	13.5										
227	9/16/25	3.6										
228	9/19/25	6.46										
229	9/19/25	6.49										
230	9/19/25	7.01										
231	9/19/25	6.69										
232	9/19/25	7.16										
233	9/19/25	9.72										
234	9/19/25	Active Construction										
235	9/19/25	Active Construction										
236	9/19/25	Active Construction										
237	9/19/25	7.32										
238	9/19/25	8.91										
239	9/19/25	9.47										
240	9/19/25	16.40										
241	9/19/25	17.29										
242	9/19/25	13.25										
243	9/19/25	16.77										
244	9/19/25	15.82										
245	9/19/25	6.1										
246	9/19/25	8.8										
247	9/19/25	5.1										
248	9/19/25	6.4										
249	9/19/25	5.3										
250	9/19/25	Active Construction										
251	9/19/25	Active Construction										
252	9/19/25	Active Construction										
253	9/19/25	Active Construction										

Table 2

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report

September 2025 Chiquita Canyon Landfill Inegrated Surface Sampling Reaction Area (9-22-25/9-23-25)

Grid	Initial Date	Initial Exceedance >25 (PPM)	10-Day Corrective Action	First Remonitoring Date (10-days)	PPM	2nd 10-Day Corrective Action	Second Remonitoring Date (10-days)	PPM	45-Day Corrective Action	45-Day Remonitoring Date	PPM
Integrated (Monthly)											
53	9/22/25	13.31									
66	9/22/25	8.89									
76	9/22/25	7.23									
77	9/22/25	19.00									
78	9/22/25	16.64									
79	9/22/25	15.20									
80	9/22/25	17.36									
81	9/22/25	22.57									
82	9/22/25	20.41									
83	9/22/25	20.16									
88	9/23/25	5.3									
89	9/23/25	48.64	Flow Increase	10/1/25	21.40						
90	9/22/25	12.11									
96	9/23/25	8.19									
99	9/23/25	7.24									
145	9/22/25	15.76									
146	9/22/25	10.43									
147	9/22/25	20.3									
148	9/22/25	12.40									
149	9/22/25	19.50									
150	9/22/25	12.20									
151	9/22/25	11.84									
152	9/22/25	17.5									
153	9/22/25	22.32									
154	9/22/25	21.65									
155	9/22/25	19.27									
156	9/22/25	10.1									
157	9/22/25	14.1									
158	9/22/25	13.50									
159	9/22/25	19.50									
160	9/22/25	11.12									
161	9/23/25	7.9									
162	9/23/25	3.6									
163	9/23/25	14.02									
164	9/23/25	12.31									

Table 2

165	9/22/25	10.51									
166	9/22/25	9.1									
167	9/22/25	11.2									
168	9/22/25	10.5									
169	9/22/25	9.8									
170	9/22/25	10.1									
171	9/22/25	11.25									
172	9/22/25	11.08									
173	9/22/25	12.14									
174	9/22/25	13.62									
175	9/22/25	9.7									
176	9/22/25	11.4									
177	9/22/25	10.8									
178	9/22/25	11.9									
179	9/22/25	10.1									
180	9/22/25	7.5									
181	9/22/25	12.3									
182	9/22/25	12.67									
183	9/22/25	13.22									
184	9/22/25	8.3									
185	9/22/25	14.7									
186	9/22/25	13.61									
187	9/22/25	12.44									
188	9/22/25	13.41									
189	9/22/25	9.37									
190	9/22/25	11.18									
191	9/22/25	11.49									
192	9/22/25	12.19									
193	9/22/25	12.07									
194	9/23/25	83.69	Flow Increase	10/1/25	23.62						
195	9/23/25	3.5									
196	9/23/25	4.8									
197	9/23/25	4.3									
198	9/23/25	5.43									
199	9/23/25	5.6									
200	9/22/25	11.8									
201	9/22/25	10.3									
202	9/22/25	12.68									
203	9/23/25	12.72									
204	9/23/25	13.21									
205	9/22/25	12.97									
206	9/23/25	9.25									
207	9/23/25	6.40									
208	9/23/25	9.82									
209	9/23/25	11.14									

Table 2

210	9/23/25	10.32									
211	9/23/25	4.71									
212	9/23/25	4.84									
213	9/23/25	4.9									
214	9/23/25	4.56									
215	9/23/25	20.30									
216	9/23/25	6.91									
217	9/23/25	6.75									

TABLE 3

Integrated Surface Sampling Analysis

Table 3

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: July 17, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: July 3, 2025
Date Analyzed: July 3, 2025

AtmAA Lab No.:	21845-5	21845-6
Sample I.D.:	ISS Grid 214	ISS Grid 83
Components	*(Concentration in pprnv)*	
Methane	38.8	25.5
Ethane	<1	<1
TGNMO	1.09	1.09
	(Concentration in ppbv)	
Hydrogen sulfide	<30	<30
Benzene	0.52	0.18
Benzyl chloride	<0.30	<0.30
Chlorobenzene	<0.20	<0.20
Dichlorobenzenes*	<0.50	<0.50
1,1-dichloroethane	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20
Dichloromethane	<0.30	0.39
1,2-dibromoethane	<0.10	<0.10
Perchloroethylene	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15
Toluene	0.28	0.16
1,1,1-trichloroethane	<0.10	<0.10
Trichloroethene	<0.10	<0.10
Chloroform	0.39	<0.10
Vinyl chloride	<0.10	<0.10
m+p-xylenes	0.21	0.12
o-xylene	<0.10	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane and TGNMO are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 3, 2025
Date Analyzed: July 3, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 214	38.9	38.6	38.8	0.77
Ethane	Grid 214	<1	<1	—	—
TGNMO	Grid 214	1.09	1.09	1.09	0.00
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 214	<30	<30	—	—
Benzene	Grid 214	0.52	0.51	0.52	1.9
Benzyl chloride	Grid 214	<0.30	<0.30	—	—
Chlorobenzene	Grid 214	<0.20	<0.20	—	—
Dichlorobenzenes	Grid 214	<0.50	<0.50	—	—
1,1-dichloroethane	Grid 214	<0.20	<0.20	—	—
1,2-dichloroethane	Grid 214	<0.20	<0.20	—	—
1,1-dichloroethylene	Grid 214	<0.20	<0.20	—	—
Dichloromethane	Grid 214	<0.30	<0.30	—	—
1,2-dibromoethane	Grid 214	<0.10	<0.10	—	—
Perchloroethylene	Grid 214	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 214	<0.15	<0.15	—	—
Toluene	Grid 214	0.28	0.28	0.28	0.00
1,1,1-trichloroethane	Grid 214	<0.10	<0.10	—	—
Trichloroethene	Grid 214	<0.10	<0.10	—	—
Chloroform	Grid 214	0.39	0.39	0.39	0.00
Vinyl chloride	Grid 214	<0.10	<0.10	—	—
m+p-xylenes	Grid 214	0.22	0.20	0.21	9.5
o-xylene	Grid 214	<0.10	<0.10	—	—

Two Tedlar bag samples, laboratory numbers 21845-(5 & 6), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 6 repeat measurements from two Tedlar bag samples is 2.0%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
Chiquita Canyon Landfill	Valencia
Project No.	**Field Logbook No.**
1150.1	
Sampler: (Print)	**(Signature)**
Stephen Borcher	Stephen Borcher

No. Of Containers: 3

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 214	7-2-25	0825-0850	21845-5	10L Bag ISS	X	X	X			
Grid 83	7-2-25	0830-0855	-6	10L Bag ISS	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Stephen Borcher	7/3/25	0645			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
			BTG	7/3/25	6:45
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA

Table 3

AtmAA Inc
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: August 4, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: July 15, 2025
Date Analyzed: July 15-16, 2025

AtmAA Lab No.:	21965-13	21965-14
Sample I.D.:	ISS Grid 170	ISS Grid 178
Components	*(Concentration in ppmv)*	
Methane	122	52.3
Ethane	<1	<1
TGNMO	1.02	1.01
	(Concentration in ppbv)	
Hydrogen sulfide	<30	<30
Benzene	0.30	13.4
Benzyl chloride	<0.30	<0.30
Chlorobenzene	<0.20	<0.20
Dichlorobenzenes*	<0.50	<0.50
1,1-dichloroethane	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20
Dichloromethane	0.39	0.33
1,2-dibromoethane	<0.10	<0.10
Perchloroethylene	<0.10	<0.10
Carbon tetrachloride	0.53	0.38
Toluene	0.53	1.07
1,1,1-trichloroethane	<0.10	<0.10
Trichloroethene	<0.10	<0.10
Chloroform	<0.10	<0.10
Vinyl chloride	<0.10	<0.10
m+p-xylenes	0.23	0.34
o-xylene	0.10	0.12

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane and TGNMO are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 15, 2025
Date Analyzed: July 15-16, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 170	122	122	122	0.00
Ethane	Grid 170	<1	<1	—	—
TGNMO	Grid 170	1.03	1.01	1.02	2.0
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 170	<30	<30	—	—
Benzene	Grid 170	0.32	0.28	0.30	13
Benzyl chloride	Grid 170	<0.30	<0.30	—	—
Chlorobenzene	Grid 170	<0.20	<0.20	—	—
Dichlorobenzenes	Grid 170	<0.50	<0.50	—	—
1,1-dichloroethane	Grid 170	<0.20	<0.20	—	—
1,2-dichloroethane	Grid 170	<0.20	<0.20	—	—
1,1-dichloroethylene	Grid 170	<0.20	<0.20	—	—
Dichloromethane	Grid 170	0.36	0.42	0.39	15
1,2-dibromoethane	Grid 170	<0.10	<0.10	—	—
Perchloroethylene	Grid 170	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 170	0.52	0.53	0.53	1.9
Toluene	Grid 170	0.56	0.49	0.53	13
1,1,1-trichloroethane	Grid 170	<0.10	<0.10	—	—
Trichloroethene	Grid 170	<0.10	<0.10	—	—
Chloroform	Grid 170	<0.10	<0.10	—	—
Vinyl chloride	Grid 170	<0.10	<0.10	—	—
m+p-xylenes	Grid 170	0.24	0.21	0.23	13
o-xylene	Grid 170	0.10	0.10	0.10	0.00

Two Tedlar bag samples, laboratory numbers 21965-(13 & 14), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 8 repeat measurements from two Tedlar bag samples is 7.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Canyon Landfill	Valencia	
Project No. 1150.1	**Field Logbook No.**	
Sampler: (Print) Stephen Reeches **(Signature)**	**No. Of Containers**	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 170	7-14-25	1105-1130	21965-13	10L Bag ISS	X	X	X			
Grid 178	7-14-25	0750-0815	-14	10L Bag ISS	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-15-25	1026			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				7/15/25	10:26
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATM AA

Table 3

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: August 13, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: July 29, 2025
Date Analyzed: July 29-30, 2025

AtmAA Lab No.:	22105-1
Sample I.D.:	ISS Grid 82
Components	*(Concentration in ppmv)*
Methane	28.2
Ethane	<1
TGNMO	1.06
	(Concentration in ppbv)
Hydrogen sulfide	82.9
Benzene	0.18
Benzyl chloride	<0.30
Chlorobenzene	<0.20
Dichlorobenzenes*	<0.50
1,1-dichloroethane	<0.20
1,2-dichloroethane	<0.20
1,1-dichloroethylene	<0.20
Dichloromethane	<0.30
1,2-dibromoethane	<0.10
Perchloroethylene	<0.10
Carbon tetrachloride	<0.15
Toluene	0.13
1,1,1-trichloroethane	<0.10
Trichloroethene	<0.10
Chloroform	<0.10
Vinyl chloride	<0.10
m+p-xylenes	0.16
o-xylene	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane and TGNMO are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 29, 2025
Date Analyzed: July 29-30, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 82	28.1	28.2	28.2	0.36
Ethane	Grid 82	<1	<1	—	—
TGNMO	Grid 82	1.06	1.05	1.06	0.95
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 82	88.2	77.6	82.9	13
Benzene	Grid 82	0.16	0.19	0.18	17
Benzyl chloride	Grid 82	<0.30	<0.30	—	—
Chlorobenzene	Grid 82	<0.20	<0.20	—	—
Dichlorobenzenes	Grid 82	<0.50	<0.50	—	—
1,1-dichloroethane	Grid 82	<0.20	<0.20	—	—
1,2-dichloroethane	Grid 82	<0.20	<0.20	—	—
1,1-dichloroethylene	Grid 82	<0.20	<0.20	—	—
Dichloromethane	Grid 82	<0.30	<0.30	—	—
1,2-dibromoethane	Grid 82	<0.10	<0.10	—	—
Perchloroethylene	Grid 82	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 82	<0.15	<0.15	—	—
Toluene	Grid 82	0.12	0.14	0.13	15
1,1,1-trichloroethane	Grid 82	<0.10	<0.10	—	—
Trichloroethene	Grid 82	<0.10	<0.10	—	—
Chloroform	Grid 82	<0.10	<0.10	—	—
Vinyl chloride	Grid 82	<0.10	<0.10	—	—
m+p-xylenes	Grid 82	0.16	0.15	0.16	6.5
o-xylene	Grid 82	<0.10	<0.10	—	—

One Tedlar bag sample, laboratory number 22105-1, was analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 6 repeat measurements from one Tedlar bag sample is 8.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Landfill	Valencia	
Project No. 1150.1	**Field Logbook No.** —	
Sampler: (Print) Stephen Boschner **(Signature)**	**No. Of Containers** 1	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 92	7-28-25	1115–1140	22105-1	10L Bag ISS	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Stephen Boschner	7-29-25	0947			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				7/29/25	9:47
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

Atmac

Table 3

AtmAA Inc
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: August 18, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: July 30, 2025
Date Analyzed: July 30-31, 2025

AtmAA Lab No.:	22115-1	22115-2	22115-3
Sample I.D.:	ISS Grid 215	ISS Grid 222	ISS Grid 214
Components	*(Concentration in ppmv)*		
Methane	29.0	104	55.1
Ethane	<1	<1	<1
TGNMO	1.08	1.04	1.02
	(Concentration in ppbv)		
Hydrogen sulfide	<30	<30	<30
Benzene	0.32	0.10	<0.10
Benzyl chloride	<0.30	<0.30	<0.30
Chlorobenzene	<0.20	<0.20	<0.20
Dichlorobenzenes*	<0.40	<0.40	<0.40
1,1-dichloroethane	<0.20	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20	<0.20
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.20	<0.20	<0.20
Toluene	<0.15	<0.15	<0.15
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.96	0.19	<0.10
o-xylene	<0.10	<0.10	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane is reported as ppmvC.
TGNMO is total gaseous non-methane, non-ethane organics reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 30, 2025
Date Analyzed: July 30-31, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 215	28.9	29.2	29.0	0.86
Ethane	Grid 215	<1	<1	—	—
TGNMO	Grid 215	1.08	1.07	1.08	0.93
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 215	<30	<30	—	—
Benzene	Grid 215	0.32	0.31	0.32	3.2
Benzyl chloride	Grid 215	<0.30	<0.30	—	—
Chlorobenzene	Grid 215	<0.20	<0.20	—	—
Dichlorobenzenes	Grid 215	<0.40	<0.40	—	—
1,1-dichloroethane	Grid 215	<0.20	<0.20	—	—
1,2-dichloroethane	Grid 215	<0.20	<0.20	—	—
1,1-dichloroethylene	Grid 215	<0.20	<0.20	—	—
Dichloromethane	Grid 215	<0.30	<0.30	—	—
1,2-dibromoethane	Grid 215	<0.10	<0.10	—	—
Perchloroethylene	Grid 215	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 215	<0.20	<0.20	—	—
Toluene	Grid 215	<0.15	<0.15	—	—
1,1,1-trichloroethane	Grid 215	<0.10	<0.10	—	—
Trichloroethene	Grid 215	<0.10	<0.10	—	—
Chloroform	Grid 215	<0.10	<0.10	—	—
Vinyl chloride	Grid 215	<0.10	<0.10	—	—
m+p-xylenes	Grid 215	0.93	0.99	0.96	6.2
o-xylene	Grid 215	<0.10	<0.10	—	—

Three Tedlar bag samples, laboratory numbers 22115-(1-3), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 4 repeat measurements from four Tedlar bag samples is 2.8%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
Chiquita Landfill	Valencia

Project No.	Field Logbook No.
1150.1	

Sampler: (Print)	(Signature)	No. Of Containers
Stephen Borchers		3

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 215	7-29-25	1015-1040	72115-1	10L Bag ISS	X	X	X			
Grid 222	7-29-25	1030-1155	-2	10L Bag ISS	X	X	X			
Grid 214	7-29-25	0950-1015	-3	10L Bag ISS	X	X	X			

ANALYSES

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-30-25	0731			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
				7/30/25	7:31
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA

Table 3

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: August 20, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: August 7, 2025
Date Analyzed: August 7-8, 2025

AtmAA Lab No.:	22195-1	22195-2	22195-3
Sample I.D.:	ISS Grid 185	ISS Grid 177	ISS Grid 53
Components	*(Concentration in ppmv)*		
Methane	73.5	51.0	61.5
Ethane	<1	<1	<1
TGNMO	1.09	18.9	1.07
	(Concentration in ppbv)		
Hydrogen sulfide	<30	<30	<30
Benzene	5.50	19.3	0.12
Benzyl chloride	<0.30	<0.30	<0.30
Chlorobenzene	<0.20	<0.20	<0.20
Dichlorobenzenes*	<0.40	<0.40	<0.40
1,1-dichloroethane	<0.20	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20	<0.20
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.20	<0.20	<0.20
Toluene	0.84	2.90	0.28
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.41	1.30	0.19
o-xylene	0.16	0.42	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane is reported as ppmvC.
TGNMO is total gaseous non-methane, non-ethane organics reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: August 7, 2025
Date Analyzed: August 7-8, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 185	74.1	72.9	73.5	1.6
Ethane	Grid 185	<1	<1	—	—
TGNMO	Grid 185	1.09	1.09	1.09	0.00
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 53	<30	<30	—	—
Benzene	Grid 53	0.12	0.12	0.12	0.00
Benzyl chloride	Grid 53	<0.30	<0.30	—	—
Chlorobenzene	Grid 53	<0.20	<0.20	—	—
Dichlorobenzenes	Grid 53	<0.40	<0.40	—	—
1,1-dichloroethane	Grid 53	<0.20	<0.20	—	—
1,2-dichloroethane	Grid 53	<0.20	<0.20	—	—
1,1-dichloroethylene	Grid 53	<0.20	<0.20	—	—
Dichloromethane	Grid 53	<0.30	<0.30	—	—
1,2-dibromoethane	Grid 53	<0.10	<0.10	—	—
Perchloroethylene	Grid 53	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 53	<0.20	<0.20	—	—
Toluene	Grid 53	0.28	0.27	0.28	3.6
1,1,1-trichloroethane	Grid 53	<0.10	<0.10	—	—
Trichloroethene	Grid 53	<0.10	<0.10	—	—
Chloroform	Grid 53	<0.10	<0.10	—	—
Vinyl chloride	Grid 53	<0.10	<0.10	—	—
m+p-xylenes	Grid 53	0.19	0.18	0.19	5.4
o-xylene	Grid 53	<0.10	<0.10	—	—

Three Tedlar bag samples, laboratory numbers 22195-(1-3), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 4 repeat measurements from four Tedlar bag samples is 2.1%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Landfill	Valencia	
Project No.	**Field Logbook No.**	
1150.1		
Sampler: (Print)	**(Signature)**	**No. Of Containers**
Stephen Borchers		3

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 185	8-6-25	0820-0845	22195-1	10L Bag ESS	X	X	X			
Grid 177	8-6-25	0845-0910	-2	10L Bag ESS	X	X	X			
Grid 53	8-6-25	1100-1125	-3	10L Bag ESS	X	X	X			

Relinquished by: (Signature)	**Date** 8-7-25	**Time** 0701	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date** 8/7/25	**Time** 7:01
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

Atmaa

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5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: September 11, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: August 21, 2025
Date Analyzed: August 21-22, 2025

AtmAA Lab No.:	22335-1	22335-2
Sample I.D.:	ISS Grid 215	ISS Grid 214
Components	*(Concentration in ppmv)*	
Methane	48	19.4
Ethane	<1	<1
TGNMO	1.08	1.08
	(Concentration in ppbv)	
Hydrogen sulfide	<30	<30
Benzene	0.18	0.12
Benzyl chloride	<0.30	<0.30
Chlorobenzene	<0.20	<0.20
Dichlorobenzenes*	<0.50	<0.50
1,1-dichloroethane	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20
Dichloromethane	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10
Perchloroethylene	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15
Toluene	0.13	0.23
1,1,1-trichloroethane	<0.10	<0.10
Trichloroethene	<0.10	<0.10
Chloroform	<0.10	<0.10
Vinyl chloride	<0.10	<0.10
m+p-xylenes	<0.10	<0.10
o-xylene	<0.10	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane and TGNMO are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: August 21, 2025
Date Analyzed: August 21-22, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 215	48.0	47.6	47.8	0.84
Ethane	Grid 215	<1	<1	—	—
TGNMO	Grid 215	1.06	1.09	1.08	2.8
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 215	<30	<30	—	—
Benzene	Grid 215	0.17	0.18	0.18	5.7
Benzyl chloride	Grid 215	<0.30	<0.30	—	—
Chlorobenzene	Grid 215	<0.20	<0.20	—	—
Dichlorobenzenes	Grid 215	<0.50	<0.50	—	—
1,1-dichloroethane	Grid 215	<0.20	<0.20	—	—
1,2-dichloroethane	Grid 215	<0.20	<0.20	—	—
1,1-dichloroethylene	Grid 215	<0.20	<0.20	—	—
Dichloromethane	Grid 215	<0.30	<0.30	—	—
1,2-dibromoethane	Grid 215	<0.10	<0.10	—	—
Perchloroethylene	Grid 215	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 215	<0.15	<0.15	—	—
Toluene	Grid 215	0.12	0.13	0.13	8.0
1,1,1-trichloroethane	Grid 215	<0.10	<0.10	—	—
Trichloroethene	Grid 215	<0.10	<0.10	—	—
Chloroform	Grid 215	<0.10	<0.10	—	—
Vinyl chloride	Grid 215	<0.10	<0.10	—	—
m+p-xylenes	Grid 215	<0.10	<0.10	—	—
o-xylene	Grid 215	<0.10	<0.10	—	—

Two Tedlar bag samples, laboratory numbers 22335-(1 & 2), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 4 repeat measurements from two Tedlar bag samples is 4.3%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
1150.1		
Sampler: (Print)	**(Signature)**	**No. Of Containers**
Stephen Borchers		2

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 215	9-20-25	0915-0940	22335-1	10L Bag ESS	X	X	X			
Grid 214	9-20-25	0940-1005	-2	10L Bag ESS	X	X	X			

Relinquished by: (Signature)	**Date** 8-21-25	**Time** 0755	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date** 8/21/25	**Time** 7:55
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA

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AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis In Integrated Surface Tedlar Bag Samples

Report Date: September 11, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: August 27, 2025
Date Analyzed: August 27-28, 2025

AtmAA Lab No.:	22395-4	22395-5
Sample I.D.:	ISS Grid 81	ISS Grid 82
Components	*(Concentration in ppmv)*	
Methane	56.4	20.4
Ethane	<1	<1
TGNMO	1.03	1.04
	(Concentration in ppbv)	
Hydrogen sulfide	<30	<30
Benzene	0.48	0.18
Benzyl chloride	<0.30	<0.30
Chlorobenzene	<0.20	<0.20
Dichlorobenzenes*	<0.50	<0.50
1,1-dichloroethane	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20
Dichloromethane	<0.30	0.46
1,2-dibromoethane	<0.10	<0.10
Perchloroethylene	<0.10	<0.10
Carbon tetrachloride	<0.15	<0.15
Toluene	0.31	0.31
1,1,1-trichloroethane	<0.10	<0.10
Trichloroethene	<0.10	<0.10
Chloroform	<0.10	<0.10
Vinyl chloride	<0.10	0.17
m+p-xylenes	0.27	0.11
o-xylene	<0.10	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane and TGNMO are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: August 27, 2025
Date Analyzed: August 27-28, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 81	56.4	56.3	56.4	0.18
Ethane	Grid 81	<1	<1	---	---
TGNMO	Grid 81	1.04	1.02	1.03	1.9
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 81	<30	<30	---	---
Benzene	Grid 81	0.46	0.49	0.48	6.3
Benzyl chloride	Grid 81	<0.30	<0.30	---	---
Chlorobenzene	Grid 81	<0.20	<0.20	---	---
Dichlorobenzenes	Grid 81	<0.50	<0.50	---	---
1,1-dichloroethane	Grid 81	<0.20	<0.20	---	---
1,2-dichloroethane	Grid 81	<0.20	<0.20	---	---
1,1-dichloroethylene	Grid 81	<0.20	<0.20	---	---
Dichloromethane	Grid 81	<0.30	<0.30	---	---
1,2-dibromoethane	Grid 81	<0.10	<0.10	---	---
Perchloroethylene	Grid 81	<0.10	<0.10	---	---
Carbon tetrachloride	Grid 81	<0.15	<0.15	---	---
Toluene	Grid 81	0.29	0.32	0.31	9.8
1,1,1-trichloroethane	Grid 81	<0.10	<0.10	---	---
Trichloroethene	Grid 81	<0.10	<0.10	---	---
Chloroform	Grid 81	<0.10	<0.10	---	---
Vinyl chloride	Grid 81	<0.10	<0.10	---	---
m+p-xylenes	Grid 81	0.26	0.28	0.27	7.4
o-xylene	Grid 81	<0.10	<0.10	---	---

Two Tedlar bag samples, laboratory numbers 22395-(4 & 5), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). 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 two Tedlar bag samples is 5.1%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location
Chiquita Canyon Landfill	Valencia

Project No.	Field Logbook No.
11501	—

Sampler: (Print)	(Signature)	No. Of Containers
Stephen Borchers		2

ANALYSES

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 81	8-26-25	0900-0925	22395-4	10L Bag ESS	X	X	X			
Grid 82	8-26-25	0925-0950	-5	10L Bag ESS	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-27-25	0801			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
				8/27/25	8:01
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA

Table 3

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: September 19, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: September 3, 2025
Date Analyzed: September 3-4, 2025

AtmAA Lab No.:	22465-14	22465-15	22465-16
Sample I.D.:	ISS Grid 153	ISS Grid 178	ISS Grid 187
Components	*(Concentration in ppmv)*		
Methane	78.0	55.2	44.9
Ethane	<1	<1	<1
TGNMO	1.07	1.05	1.08
	(Concentration in ppbv)		
Hydrogen sulfide	<30	<30	92
Benzene	2.10	18.8	0.57
Benzyl chloride	<0.30	<0.30	<0.30
Chlorobenzene	<0.20	<0.20	<0.20
Dichlorobenzenes*	<0.40	<0.40	<0.40
1,1-dichloroethane	<0.20	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20	<0.20
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.20	<0.20	<0.20
Toluene	0.25	1.11	0.27
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.15	0.54	0.14
o-xylene	<0.10	0.23	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane is reported as ppmvC.
TGNMO is total gaseous non-methane, non-ethane organics reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: September 3, 2025
Date Analyzed: September 3-4, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 187	77.9	78.0	78.0	0.13
Ethane	Grid 187	<1	<1	—	—
TGNMO	Grid 187	1.06	1.08	1.07	1.9
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 187	<30	<30	—	—
Benzene	Grid 187	2.04	2.16	2.10	5.7
Benzyl chloride	Grid 187	<0.30	<0.30	—	—
Chlorobenzene	Grid 187	<0.20	<0.20	—	—
Dichlorobenzenes	Grid 187	<0.40	<0.40	—	—
1,1-dichloroethane	Grid 187	<0.20	<0.20	—	—
1,2-dichloroethane	Grid 187	<0.20	<0.20	—	—
1,1-dichloroethylene	Grid 187	<0.20	<0.20	—	—
Dichloromethane	Grid 187	<0.30	<0.30	—	—
1,2-dibromoethane	Grid 187	<0.10	<0.10	—	—
Perchloroethylene	Grid 187	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 187	<0.20	<0.20	—	—
Toluene	Grid 187	0.24	0.25	0.25	4.1
1,1,1-trichloroethane	Grid 187	<0.10	<0.10	—	—
Trichloroethene	Grid 187	<0.10	<0.10	—	—
Chloroform	Grid 187	<0.10	<0.10	—	—
Vinyl chloride	Grid 187	<0.10	<0.10	—	—
m+p-xylenes	Grid 187	0.14	0.15	0.15	6.9
o-xylene	Grid 187	<0.10	<0.10	—	—

Three Tedlar bag samples, laboratory numbers 22465-(14-16), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). 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 four Tedlar bag samples is 3.7%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
450.1		
Sampler: (Print)	**(Signature)**	**No. Of Containers**
Stephen Boothes		3

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TAMHC	TAC			Remarks
Grid 157	9-2-25	0956-1021	22465-14	10L Bag ESS	X	X	X			
Grid 178	9-2-25	0820-0855	-15	10L Bag ESS	X	X	X			
Grid 187	9-2-25	0731-0756	-16	10L Bag ESS	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9-3-25	0730			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				9/3/25	7:30
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA Inc

Table 3

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: October 2, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: September 17, 2025
Date Analyzed: September 17, 2025

AtmAA Lab No.:	22605-13	22605-14	22605-15
Sample I.D.:	ISS Grid 30	ISS Grid 84	ISS Grid 220
Components	*(Concentration in ppmv)*		
Methane	111	43.1	36.4
Ethane	<1	<1	<1
TGNMO	1.07	1.09	1.05
	(Concentration in ppbv)		
Hydrogen sulfide	<30	<30	<30
Benzene	0.39	0.22	0.31
Benzyl chloride	<0.20	<0.20	<0.20
Chlorobenzene	<0.20	<0.20	<0.20
Dichlorobenzenes*	<0.35	<0.35	<0.35
1,1-dichloroethane	<0.20	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20	<0.20
Dichloromethane	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.20	<0.20	<0.20
Toluene	1.07	0.87	0.44
1,1,1-trichloroethane	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10
m+p-xylenes	0.26	1.28	0.20
o-xylene	0.14	0.56	<0.12

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane is reported as ppmvC.
TGNMO is total gaseous non-methane, non-ethane organics reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: September 17, 2025
Date Analyzed: September 17, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 30	111	111	111	0.00
Ethane	Grid 30	<1	<1	---	---
TGNMO	Grid 30	1.06	1.08	1.07	1.9
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 30	<30	<30	---	---
Benzene	Grid 30	0.39	0.39	0.39	0.00
Benzyl chloride	Grid 30	<0.20	<0.20	---	---
Chlorobenzene	Grid 30	<0.20	<0.20	---	---
Dichlorobenzenes	Grid 30	<0.35	<0.35	---	---
1,1-dichloroethane	Grid 30	<0.20	<0.20	---	---
1,2-dichloroethane	Grid 30	<0.20	<0.20	---	---
1,1-dichloroethylene	Grid 30	<0.20	<0.20	---	---
Dichloromethane	Grid 30	<0.30	<0.30	---	---
1,2-dibromoethane	Grid 30	<0.10	<0.10	---	---
Perchloroethylene	Grid 30	<0.10	<0.10	---	---
Carbon tetrachloride	Grid 30	<0.20	<0.20	---	---
Toluene	Grid 30	1.02	1.11	1.07	8.5
1,1,1-trichloroethane	Grid 30	<0.10	<0.10	---	---
Trichloroethene	Grid 30	<0.10	<0.10	---	---
Chloroform	Grid 30	<0.10	<0.10	---	---
Vinyl chloride	Grid 30	<0.10	<0.10	---	---
m+p-xylenes	Grid 30	0.25	0.26	0.26	3.9
o-xylene	Grid 30	0.14	0.14	0.14	0.00

Three Tedlar bag samples, laboratory numbers 22605-(13-15), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 6 repeat measurements from four Tedlar bag samples is 2.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Canyon Landfill	Valencia.	
Project No. 1150.1	**Field Logbook No.**	
Sampler: (Print) Stephen Sorchers **(Signature)**	**No. Of Containers** 3	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TVMHC	TAC			Remarks
Grid 30	9-16-25	0925-0950	22605-13	10 L Bag ESI	X	X	X			
Grid 84	9-16-25	0900-0925	-14	10 L Bag ESI	X	X	X			
Grid 220	9-16-25	1105-1130	-15	10 L Bag ESI	X	X	X			

Relinquished by: (Signature)	**Date** 9-17-25	**Time** 1003	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date** 9/17/25	**Time** 10:00
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

Atmaa

Table 3

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Integrated Surface Tedlar Bag Samples

Report Date: October 6, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: September 24, 2025
Date Analyzed: September 24, 2025

AtmAA Lab No.:	22675-5	22675-6
Sample I.D.:	ISS Grid 89	ISS Grid 194
Components	*(Concentration in ppmv)*	
Methane	51.9	42.3
Ethane	<1	<1
TGNMO	1.05	1.06
	(Concentration in ppbv)	
Hydrogen sulfide	<30	<30
Benzene	0.14	0.21
Benzyl chloride	<0.20	<0.20
Chlorobenzene	<0.15	<0.15
Dichlorobenzenes*	<0.30	<0.30
1,1-dichloroethane	<0.15	<0.15
1,2-dichloroethane	<0.15	<0.15
1,1-dichloroethylene	<0.15	<0.15
Dichloromethane	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10
Perchloroethylene	<0.10	<0.10
Carbon tetrachloride	<0.18	<0.18
Toluene	0.20	0.36
1,1,1-trichloroethane	<0.10	<0.10
Trichloroethene	<0.10	<0.10
Chloroform	<0.10	<0.10
Vinyl chloride	<0.10	<0.10
m+p-xylenes	0.14	<0.12
o-xylene	<0.12	<0.12

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane and TGNMO are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 3

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: September 24, 2025
Date Analyzed: September 24, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	Grid 89	52.1	51.7	51.9	0.77
Ethane	Grid 89	<1	<1	—	—
TGNMO	Grid 89	1.05	1.05	1.05	0.00
		(Concentration in ppbv)			
Hydrogen sulfide	Grid 89	<30	<30	—	—
Benzene	Grid 89	0.13	0.14	0.14	7.4
Benzyl chloride	Grid 89	<0.20	<0.20	—	—
Chlorobenzene	Grid 89	<0.15	<0.15	—	—
Dichlorobenzenes	Grid 89	<0.30	<0.30	—	—
1,1-dichloroethane	Grid 89	<0.15	<0.15	—	—
1,2-dichloroethane	Grid 89	<0.15	<0.15	—	—
1,1-dichloroethylene	Grid 89	<0.15	<0.15	—	—
Dichloromethane	Grid 89	<0.30	<0.30	—	—
1,2-dibromoethane	Grid 89	<0.10	<0.10	—	—
Perchloroethylene	Grid 89	<0.10	<0.10	—	—
Carbon tetrachloride	Grid 89	<0.18	<0.18	—	—
Toluene	Grid 89	0.18	0.21	0.20	15
1,1,1-trichloroethane	Grid 89	<0.10	<0.10	—	—
Trichloroethene	Grid 89	<0.10	<0.10	—	—
Chloroform	Grid 89	<0.10	<0.10	—	—
Vinyl chloride	Grid 89	<0.10	<0.10	—	—
m+p-xylenes	Grid 89	0.13	0.14	0.14	7.4
o-xylene	Grid 89	<0.12	<0.12	—	—

Two Tedlar bag samples, laboratory numbers 22675-(5 & 6), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). 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 two Tedlar bag samples is 6.2%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
1150.1		
Sampler: (Print) Stephen Brahms	**(Signature)**	**No. Of Containers** 2

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Methane	TNMHC	TAC			Remarks
Grid 89	9-23-25	0810-0835	22675-9	10L Bag ESS	X	X	X			
Grid 194	9-23-25	0915-0940	-6	10L Bag ESS	X	X	X			

Relinquished by: (Signature)	**Date** 9-24-25	**Time** 0719	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date** 9/24/25	**Time** 749
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA Inc.

TABLE 4

Ambient Air Sampling Results

Table 4

AtmAA Inc
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Ambient Air Tedlar Bag Samples

Report Date: August 4, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Date Received: July 15, 2025
Date Analyzed: July 15-16, 2025

AtmAA Lab No.:	21965-23	21965-24	21965-25	21965-26
Sample I.D.:	Ambient Air AA-1	Ambient Air AA-2	Ambient Air AA-3	Ambient Air AA-4
Components	*(Concentration in ppmv)*			
Methane	1.87	2.12	1.73	2.05
Ethane	<1	<1	<1	<1
TGNMO	1.02	1.02	1.02	1.03
	(Concentration in ppbv)			
Hydrogen sulfide	<30	<30	<30	<30
Benzene	0.23	0.19	0.18	0.21
Benzyl chloride	<0.30	<0.30	<0.30	<0.30
Chlorobenzene	<0.20	<0.20	<0.20	<0.20
Dichlorobenzenes*	<0.50	<0.50	<0.50	<0.50
1,1-dichloroethane	<0.20	<0.20	<0.20	<0.20
1,2-dichloroethane	<0.20	<0.20	<0.20	<0.20
1,1-dichloroethylene	<0.20	<0.20	<0.20	<0.20
Dichloromethane	<0.30	<0.30	<0.30	<0.30
1,2-dibromoethane	<0.10	<0.10	<0.10	<0.10
Perchloroethylene	<0.10	<0.10	<0.10	<0.10
Carbon tetrachloride	<0.20	<0.20	<0.20	<0.20
Toluene	0.38	0.53	0.27	0.63
1,1,1-trichloroethane	<0.10	<0.10	<0.10	<0.10
Trichloroethene	<0.10	<0.10	<0.10	<0.10
Chloroform	<0.10	<0.10	<0.10	<0.10
Vinyl chloride	<0.10	<0.10	<0.10	<0.10
m+p-xylenes	0.16	0.11	0.12	0.14
o-xylene	<0.10	<0.10	<0.10	<0.10

Methane, ethane, and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/total combustion analysis (FID/TCA) Method 25.
Ethane is reported as ppmvC.
TGNMO is total gaseous non-methane, non-ethane organics reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 4

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 15, 2025
Date Analyzed: July 15-16, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	AA-1	1.87	1.86	1.87	0.54
Ethane	AA-1	<1	<1	—	—
TGNMO	AA-1	1.02	1.02	1.02	0.00
		(Concentration in ppbv)			
Hydrogen sulfide	AA-1	<30	<30	—	—
Benzene	AA-1	0.22	0.24	0.23	8.7
Benzyl chloride	AA-1	<0.30	<0.30	—	—
Chlorobenzene	AA-1	<0.20	<0.20	—	—
Dichlorobenzenes	AA-1	<0.50	<0.50	—	—
1,1-dichloroethane	AA-1	<0.20	<0.20	—	—
1,2-dichloroethane	AA-1	<0.20	<0.20	—	—
1,1-dichloroethylene	AA-1	<0.20	<0.20	—	—
Dichloromethane	AA-1	<0.30	<0.30	—	—
1,2-dibromoethane	AA-1	<0.10	<0.10	—	—
Perchloroethylene	AA-1	<0.10	<0.10	—	—
Carbon tetrachloride	AA-1	<0.20	<0.20	—	—
Toluene	AA-1	0.38	0.38	0.38	0.00
1,1,1-trichloroethane	AA-1	<0.10	<0.10	—	—
Trichloroethene	AA-1	<0.10	<0.10	—	—
Chloroform	AA-1	<0.10	<0.10	—	—
Vinyl chloride	AA-1	<0.10	<0.10	—	—
m+p-xylenes	AA-1	0.16	0.15	0.16	6.5
o-xylene	AA-1	<0.10	<0.10	—	—

Four Tedlar bag samples, laboratory numbers 21965-(23-26), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). 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 four Tedlar bag samples is 3.1%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Chiquita Canyon Landfill	Valencia, CA	
Project No.	**Field Logbook No.**	
Sampler: (Print) Charles Roberts	**(Signature)** C Roberts	**No. Of Containers** 4

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	TOC	TAC				Remarks
AA-1	7-13-25	0900-2100	21965-23	Ambient Air	X	X				
AA-2	7-13-25	0900-2100	-24	↓	X	X				
AA-3	7-13/14-25	2100-0900	-25	↓	X	X				
AA-4	7-13/14-25	2100-0900	-26	↓	X	X				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
C Roberts	7-15-25	1026			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				7/15/25	10:26
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

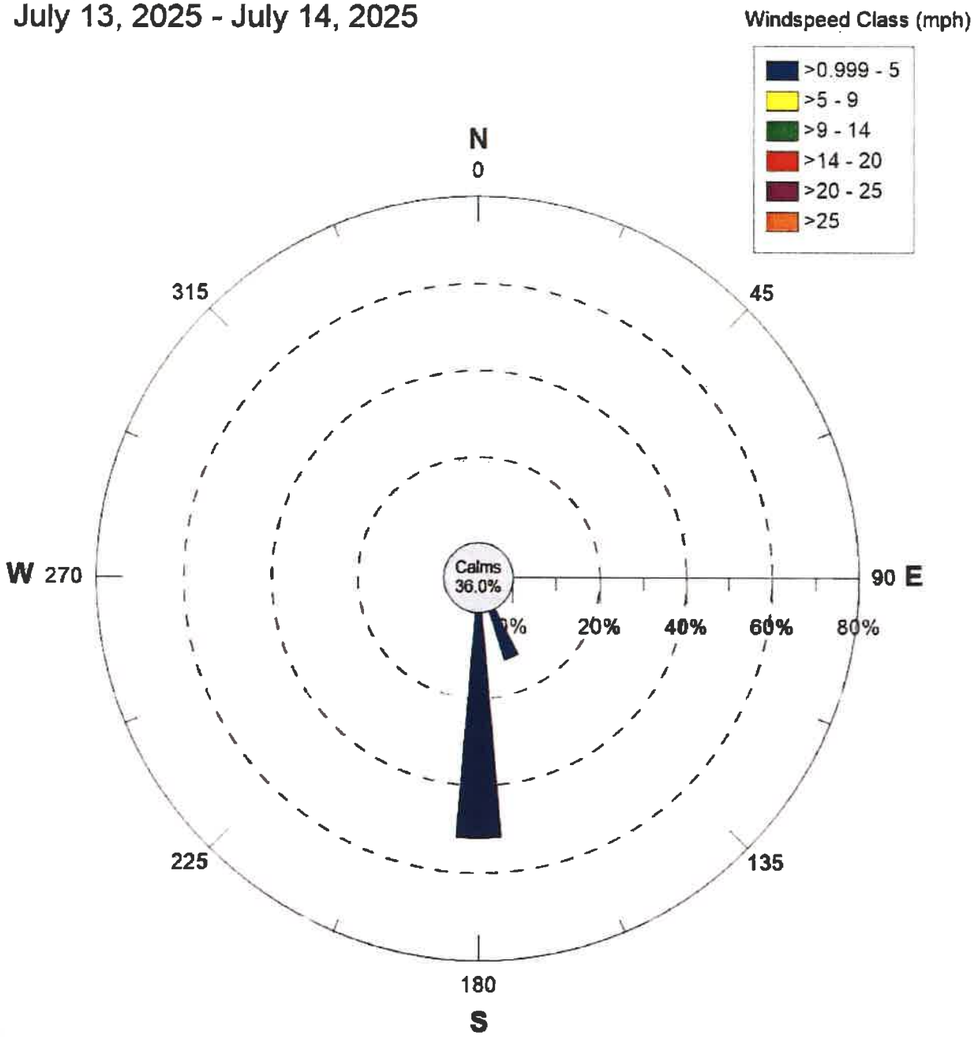
Analytical Laboratory

ATMAA Inc.

TABLE 5

One Day Ambient Air Wind Rose

Table 5


Chiquita Canyon Landfill
July 13, 2025 - July 14, 2025
Windspeed Class (mph)
>0.999 - 5
>5 - 9
>9 - 14
>14 - 20
>20 - 25
>25
N
0
45
90 E
135
180
S
225
W 270
315
Calms
36.0%
20%
40%
60%
80%
Times from 0900 to 900
All Speeds Used

Chiquita Canyon Landfill
Joint Frequency Distribution
Times from 0900 to 900, All Speeds Used, All Stabilities Used

Wind Direction	Wind Speed (MPH) 1-5	5.1-9	9.1-14	14.1-20	20.1-25	Over 25	Total	Avg Speed
N	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0
SSE	12.0	.0	.0	.0	.0	.0	12.0	1.8
S	52.0	.0	.0	.0	.0	.0	52.0	1.5
SSW	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0
Calm							36.0	
Total	64.0	.0	.0	.0	.0	.0	100.0	1.6

Data spans July 13, 2025 at 900 to July 14, 2025 at 900 (25 valid cases)

Chiquita Canyon Landfill

Wind Direction in Degrees and Wind Speed in MPH for JULY 13 to 14, 2025

HOUR	01		02		03		04		05		06		07		08		09		10		11		12		13	
DAY	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V	DDD	VV.V
01																										
02																										
03																										
04																										
05																										
06																										
07																										
08																										
09																										
10																										
11																										
12																										
13																	180	01.3	170	01.3	170	01.3	160	00.9	180	02.2
14	170	00.9	170	00.9	180	01.3	160	01.3	180	00.9	180	00.9	060	00.9	140	00.4	045	00.9								
15																										
16																										
17																										
18																										
19																										
20																										
21																										
22																										
23																										
24																										
25																										
26																										
27																										
28																										
29																										
30																										
31																										
MEAN	170	00.9	170	00.9	180	01.3	160	01.3	180	00.9	180	00.9	060	00.9	140	00.4	112	01.1	170	01.3	170	01.3	160	00.9	180	02.2
MX SPD	170	00.9	170	00.9	180	01.3	160	01.3	180	00.9	180	00.9	060	00.9	140	00.4	180	01.3	170	01.3	170	01.3	160	00.9	180	02.2
MN SPD	170	00.9	170	00.9	180	01.3	160	01.3	180	00.9	180	00.9	060	00.9	140	00.4	045	00.9	170	01.3	170	01.3	160	00.9	180	02.2

DAILY MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

DDD = Direction from which the wind is blowing, in degrees
VV.V = Wind Speed in MPH

Wind Direction in Degrees and Wind Speed in MPH for JULY 13 to 14, 2025 PAGE 2

HOUR	14	15	16	17	18	19	20	21	22	23	24	MEAN	MX SPD	MN SPD
DAY	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9		180 02.2	160 00.9
14													180 01.3	140 00.4
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9	168 01.3		
MX SPD	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9		180 02.2	
MN SPD	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9			140 00.4

POSSIBLE NUMBER OF OBSERVATIONS = 25 TOTAL NUMBER OF OBSERVATIONS = 25 DATA RECOVERY RATE = 100%

MONTHLY MEAN = 168 01.3 MAXIMUM WIND SPEED WAS 2.2MPH AT 180DEGREES ON 7/13 AT 1300

DAILY MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

DDD = Direction from which the wind is blowing, in degrees
VV.V = Wind Speed in MPH

TABLE 6

Landfill Gas Sampling Results

Table 6

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Landfill Gas Tedlar Bag Sample

Report Date: October 7, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: September 24, 2025
Date Analyzed: September 24, 2025

AtmAA Lab No.:	22675-1
Sample I.D.:	Inlet Raw Gas
Components	*(Concentration in %,v)*
Nitrogen	32.33
Oxygen	6.52
Methane	26.15
Carbon dioxide	34.54
	(Concentration in ppmv)
Ethane	67.50
TGNMO	23050
Hydrogen sulfide	3.57
	(Concentration in ppbv)
Benzene	67100
Benzyl chloride	<1650
Chlorobenzene	<1650
Dichlorobenzenes*	<2600
1,1-dichloroethane	<1900
1,2-dichloroethane	<1900
1,1-dichloroethylene	<1900
Dichloromethane	<4350
1,2-dibromoethane	<1000
Perchloroethylene	<1150
Carbon tetrachloride	<2400
Toluene	10500
1,1,1-trichloroethane	<1200
Trichloroethene	<1400
Chloroform	<1600
Vinyl chloride	<1500
m+p-xylenes	5295
o-xylene	1960

Permanent gases were measured by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946. The accuracy of permanent gas analysis by TCD/GC is +/- 2%. Actual results are reported. 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. Results are reported on a "wet" basis.
Ethane and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/ total combustion analysis (FID/TCA) Method 25. Concentrations are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 6

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

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

Report Date: October 7, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: September 24, 2025
Date Analyzed: September 24, 2025

ANALYSIS DESCRIPTION

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

	AtmAA Lab No.:	22675-1
	Sample I.D.:	Inlet
		Raw Gas
Components		*(Concentration in ppmv)*
Hydrogen sulfide		3.57
Carbonyl sulfide		0.75
Methyl mercaptan		6.81
Ethyl mercaptan		<0.60
Dimethyl sulfide		266
Carbon disulfide		<0.60
isopropyl mercaptan		<0.60
t-butyl mercaptan		<0.60
n-propyl mercaptan		2.78
s-Butyl mercaptan		2.85
i-Butyl mercaptan		<0.60
Dimethyl disulfide		13.4
Tetrahydrothiophene		1.97
Unidentified sulfurs		30.5
	(Concentration in ppmv, as H_2S)	
Total Sulfur		342.0

Brian W. Fung
Laboratory Director

Table 6

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: September 24, 2025
Date Analyzed: September 24, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in %,v)			
Nitrogen	Raw Gas	32.38	32.27	32.33	0.34
Oxygen	Raw Gas	6.52	6.52	6.52	0.00
Methane	Raw Gas	26.09	26.20	26.15	0.42
Carbon dioxide	Raw Gas	34.56	34.52	34.54	0.12
		(Concentration in ppmv)			
Ethane	Raw Gas	67.3	67.7	67.5	0.59
TGNMO	Raw Gas	23000	23100	23050	0.43
		(Concentration in ppbv)			
Benzene	Raw Gas	67300	66900	67100	0.60
Benzyl chloride	Raw Gas	<1650	<1650	---	---
Chlorobenzene	Raw Gas	<1650	<1650	---	---
Dichlorobenzenes	Raw Gas	<2600	<2600	---	---
1,1-dichloroethane	Raw Gas	<1900	<1900	---	---
1,2-dichloroethane	Raw Gas	<1900	<1900	---	---
1,1-dichloroethylene	Raw Gas	<1900	<1900	---	---
Dichloromethane	Raw Gas	<4350	<4350	---	---
1,2-dibromoethane	Raw Gas	<1000	<1000	---	---
Perchloroethylene	Raw Gas	<1150	<1150	---	---
Carbon tetrachloride	Raw Gas	<2400	<2400	---	---
Toluene	Raw Gas	10700	10300	10500	3.8
1,1,1-trichloroethane	Raw Gas	<1200	<1200	---	---
Trichloroethene	Raw Gas	<1400	<1400	---	---

Table 6

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)
(continued)

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppbv)			
Chloroform	Raw Gas	<1600	<1600	---	---
Vinyl chloride	Raw Gas	<1500	<1500	---	---
m+p-xylenes	Raw Gas	5260	5330	5295	1.3
o-xylene	Raw Gas	1960	1960	1960	0.00
		(Concentration in ppmv)			
Sulfur Components					
Hydrogen sulfide	Raw Gas	3.58	3.55	3.57	0.84
Carbonyl sulfide	Raw Gas	0.76	0.74	0.75	2.7
Methyl mercaptan	Raw Gas	6.92	6.70	6.81	3.2
Ethyl mercaptan	Raw Gas	<0.60	<0.60	---	---
Dimethyl sulfide	Raw Gas	267	265	266	0.75
Carbon disulfide	Raw Gas	<0.60	<0.60	---	---
isopropyl mercaptan	Raw Gas	<0.60	<0.60	---	---
t-butyl mercaptan	Raw Gas	<0.60	<0.60	---	---
n-propyl mercaptan	Raw Gas	2.84	2.72	2.78	4.3
s-Butyl mercaptan	Raw Gas	2.90	2.80	2.85	3.5
i-Butyl mercaptan	Raw Gas	<0.60	<0.60	---	---
Dimethyl disulfide	Raw Gas	13.5	13.3	13.4	1.5
Tetrahydrothiophene	Raw Gas	2.12	1.81	1.97	16
Unidentified sulfurs	Raw Gas	30.7	30.3	30.5	1.3

One Tedlar bag sample, laboratory number 22675-1, was analyzed for SCAQMD Rule 1150.1 components, permanent gases, total gaseous non-methane organics (TGNMO), and total sulfur compounds. Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD from mean for 19 repeat measurements from one Tedlar bag sample is 2.2%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Waste Connections / Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
1150.1		
Sampler: (Print)	**(Signature)**	**No. Of Containers**
Robert Delos		1

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	Total Sulfur	Permanent Gases	11 Soil Toxics	TPH/BTEX		Remarks
Inlet	9-23-25	1100-1110	22675-1	Raw Gas	X	X	X	X		

Relinquished by: (Signature)	**Date** 9-24-25	**Time** 0719	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date** 9/24/25	**Time** 7:19
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA

TABLE 7

Perimeter Probe Monitoring

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
July 2025 Perimeter Probe Monitoring Data Sheet (7-23-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (Monthly)										
GP-A	10	0931	7/23/25	0.0	0.0	20.8	79.2	6	-.09	
	51	0933	7/23/25	0.0	0.0	20.9	79.1	19	-1.91	
	102	0935	7/23/25	0.0	0.0	21.0	79.0	39	+.12	
	151.5	0937	7/23/25	0.0	0.0	21.0	79.0	95	-.28	
GP-1R	26	1050	7/23/25	0.0	4.8	14.2	81.0	16	+.02	
	38	1053	7/23/25	0.0	3.3	16.2	80.5	26	+.01	
	47	1055	7/23/25	0.0	2.7	16.9	80.5	18	+.08	
GP-2	15.5	0808	7/23/25	0.0	4.1	18.1	77.8	16	-.06	
	44.5	0810	7/23/25	0.0	0.1	20.3	79.6	18	-.06	
	53	0812	7/23/25	0.0	0.1	20.8	79.2	19	-.04	
GP-5	10	1034	7/23/25	0.0	3.2	18.9	77.8	6	-.05	
	45	1036	7/23/25	0.0	0.0	21.1	78.8	18	-.12	
	93	1038	7/23/25	0.2	12.0	0.4	87.4	64	-.27	
GP-6	10	1026	7/23/25	0.0	0.3	21.0	78.8	6	+.26	
	30	1028	7/23/25	0.0	0.6	20.6	78.8	20	-.04	
	60	1030	7/23/25	0.0	0.0	21.1	78.8	41	-.56	
GP-7	10	1016	7/23/25	0.0	0.2	21.0	78.8	6	-.05	
	30	1018	7/23/25	0.0	1.0	20.1	78.9	20	-.01	
	60	1020	7/23/25	0.0	0.0	21.0	78.9	41	-.28	
GP-8	10	1004	7/23/25	0.0	0.4	21.2	78.4	6	-.03	
	60	1006	7/23/25	0.0	0.1	20.9	79.0	41	-.19	
	120	1008	7/23/25	0.0	0.4	20.8	78.8	75	-.88	
GP-9	25	0956	7/23/25	0.0	0.1	21.4	78.5	16	-.14	
	55	958	7/23/25	0.0	0.0	21.4	78.5	20	-.08	
	83	1000	7/23/25	0.0	0.0	21.5	78.5	51	-.03	
GP-10	22	0943	7/23/25	0.0	2.3	18.3	79.4	17	-.05	
	37	0945	7/23/25	0.0	0.8	17.8	81.4	26	-.75	
	63	0947	7/23/25	0.0	0.0	21.3	78.7	42	-57	
	87	0949	7/23/25	0.0	0.0	21.3	78.7	59	-.60	
GP-11	10	0920	7/23/25	0.0	0.4	20.1	79.5	6	-.50	
	70	0922	7/23/25	0.0	3.7	16.2	80.1	49	-1.30	
	141	0924	7/23/25	0.0	0.0	20.4	79.5	102	-1.36	
	208	0926	7/23/25	0.0	0.6	19.2	80.2	137	-1.27	
GP-12	12	0907	7/23/25	0.0	0.1	19.3	80.6	4	+.01	
	38	0909	7/23/25	0.0	0.0	19.5	80.4	26	-.02	
	74	0911	7/23/25	0.0	0.0	19.7	80.3	50	+.01	
	110	0913	7/23/25	0.0	0.0	19.9	80.0	75	-.03	
	224	0915	7/23/25	0.0	0.0	20.1	79.9	171	-.03	

Table 7

GP-13	10	0838	7/23/25	0.0	0.3	19.9	79.7	6	.0	
	29	0840	7/23/25	0.0	2.7	18.5	78.8	19	-.16	
	58	0848	7/23/25	5.4	15.3	0.6	78.8	39	-.98	
	87	0856	7/23/25	7.7	9.6	2.0	80.7	59	-1.24	
	173	0901	7/23/25	0.0	0.1	19.3	80.6	109	-.91	
GP-14	10	0821	7/23/25	0.0	0.0	20.7	79.2	6	-.14	
	23	0823	7/23/25	0.0	0.1	20.6	79.3	15	-.25	
	44	0825	7/23/25	0.0	1.8	18.5	79.8	30	-.23	
	67	0827	7/23/25	0.0	3.1	14.0	82.9	46	-.95	
	134	0829	7/23/25	0.0	8.6	3.6	87.8	92	-3.38	

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
July 2025 Perimeter Probe Monitoring Data Sheet (7-23-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (1st 10 Day Recheck)										
GP-13	10							6		
	29							19		
	58	1158	8/1/25	4.7	16.7	0.4	78.2	39	-.87	
	87	1202	8/1/25	1.6	19.4	1.2	77.8	59	-1.35	
	173							109		
GP-14	10							6		
	23							15		
	44							30		
	67							46		
	134							92		

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
August 2025 Perimeter Probe Monitoring Data Sheet (8-19-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (Monthly)										
GP-A	10	0953	8/19/25	0.0	0.0	20.8	79.1	6	-.33	
	51	0955	8/19/25	0.0	0.0	20.8	79.1	19	-1.52	
	102	0957	8/19/25	0.0	0.0	20.6	79.3	39	-.08	
	151.5	0959	8/19/25	0.0	0.0	20.6	79.4	95	-.30	
GP-1R	26	1111	8/19/25	0.0	0.4	17.8	81.8	16	0	
	38	1114	8/19/25	0.0	0.1	20.1	79.8	26	-.02	
	47	1118	8/19/25	0.0	0.1	20.5	79.4	18	+.01	
GP-2	15.5	0750	8/19/25	0.0	0.4	20.5	79.0	16	-.10	
	44.5	0752	8/19/25	0.0	0.1	21.1	78.9	18	-.06	
	53	0754	8/19/25	0.0	0.9	20.1	79.0	19	-.18	
GP-5	10	1100	8/19/25	0.0	2.3	18.9	78.8	6	-.02	
	45	1102	8/19/25	0.0	0.0	20.7	79.3	18	-.04	
	93	1104	8/19/25	0.0	11.1	2.1	86.7	64	-.16	
GP-6	10	1053	8/19/25	0.0	0.2	20.5	79.3	6	-.01	
	30	1055	8/19/25	0.0	0.6	20.1	79.3	20	-.06	
	60	1057	8/19/25	0.0	0.0	20.6	79.3	41	-.44	
GP-7	10	1046	8/19/25	0.0	0.2	20.5	79.3	6	-.05	
	30	1048	8/19/25	0.0	1.1	19.6	79.3	20	-.01	
	60	1050	8/19/25	0.0	0.0	20.7	79.3	41	+.07	
GP-8	10	1035	8/19/25	0.0	0.4	20.4	79.2	6	-.03	
	60	1037	8/19/25	0.0	0.3	19.4	80.3	41	-.10	
	120	1039	8/19/25	0.0	0.3	20.1	79.6	75	-.72	
GP-9	25	1020	8/19/25	0.0	0.0	20.3	79.6	16	-.04	
	55	1026	8/19/25	0.0	0.1	20.4	79.5	20	-.02	
	83	1028	8/19/25	0.0	0.0	20.7	79.3	51	-.05	
GP-10	22	1005	8/19/25	0.0	2.4	17.9	79.7	17	-.11	
	37	1007	8/19/25	0.0	0.8	17.3	81.9	26	-.72	
	63	1009	8/19/25	0.0	0.0	20.7	79.3	42	-.28	
	87	1011	8/19/25	0.0	0.0	20.6	79.4	59	-.50	
GP-11	10	0939	8/19/25	0.0	0.6	20.5	79.0	6	-.34	
	70	0941	8/19/25	0.0	5.9	14.0	80.1	49	-.67	
	141	0943	8/19/25	0.0	0.0	21.0	79.0	102	-1.19	
	208	0947	8/19/25	0.0	0.3	20.1	79.6	137	-.98	
GP-12	12	0909	8/19/25	0.0	0.1	19.6	80.3	4	+.24	
	38	0911	8/19/25	0.0	0.0	19.8	80.2	26	+.04	
	74	0913	8/19/25	0.0	0.1	19.7	80.2	50	-.07	
	110	0915	8/19/25	0.0	0.0	20.0	80.0	75	-.02	
	224	0917	8/19/25	0.0	0.1	19.9	80.0	171	+.02	

Table 7

GP-13	10	0848	8/19/25	0.0	1.1	18.1	80.8	6	-.03	
	29	0850	8/19/25	0.0	5.8	12.5	81.7	19	-.08	
	58	0855	8/19/25	17.7	12.5	0.5	69.3	39	-.56	
	87	0900	8/19/25	19.3	11.1	0.8	68.8	59	-1.06	
	173	0904	8/19/25	0.0	0.1	19.6	80.3	109	-.74	
GP-14	10	0802	8/19/25	0.0	0.1	21.1	78.9	6	-.12	
	23	0804	8/19/25	0.0	0.1	21.0	78.9	15	-.18	
	44	0806	8/19/25	0.0	1.8	18.1	80.1	30	-.24	
	67	0808	8/19/25	0.0	4.6	10.5	84.9	46	-.58	
	134	0810	8/19/25	0.0	0.2	20.4	79.3	92	-2.41	

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
August 2025 Perimeter Probe Monitoring Data Sheet (8-19-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (1st 10 Day Recheck)										
GP-13	10							6		
	29							19		
	58	0951	8/29/25	15.9	7.1	1.1	75.9	39	-.54	
	87	0954	8/29/25	8.3	8.7	1.2	81.8	59	-.87	
	173							109		
GP-14	10							6		
	23							15		
	44							30		
	67							46		
	134							92		

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
August 2025 Perimeter Probe Monitoring Data Sheet (8-19-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (2nd 10 Day Recheck)										
GP-13	10							6		
	29							19		
	58	0859	9/8/25	13.7	3.9	13.3	69.1	39	-.47	
	87	0903	9/8/25	5.9	7.9	5.1	81.1	59	-.82	
	173							109		
GP-14	10							6		
	23							15		
	44							30		
	67							46		
	134							92		

Table 7

Chiquita Canyon Landfill (Title 27) 3rd Quarter Monitoring Report
August 2025 Perimeter Probe Monitoring Data Sheet (8-19-25/8-20-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (Title 27)										
GP-A	10	0953	8/19/25	0.0	0.0	20.8	79.1	6	-.33	
	51	0955	8/19/25	0.0	0.0	20.8	79.1	19	-1.52	
	102	0957	8/19/25	0.0	0.0	20.6	79.3	39	-.08	
	151.5	0959	8/19/25	0.0	0.0	20.6	79.4	95	-.30	
GP-2	15.5	0750	8/19/25	0.0	0.4	20.5	79.0	16	-.10	
	44.5	0752	8/19/25	0.0	0.1	21.1	78.9	18	-.06	
	53	0754	8/19/25	0.0	0.9	20.1	79.0	19	-.18	
GP-8	10	1035	8/19/25	0.0	0.4	20.4	79.2	6	-.03	
	60	1037	8/19/25	0.0	0.3	19.4	80.3	41	-.10	
	120	1039	8/19/25	0.0	0.3	20.1	79.6	75	-.72	
GP-9	25	1020	8/19/25	0.0	0.0	20.3	79.6	16	-.04	
	55	1026	8/19/25	0.0	0.1	20.4	79.5	20	-.02	
	83	1028	8/19/25	0.0	0.0	20.7	79.3	51	-.05	
GP-10	22	1005	8/19/25	0.0	2.4	17.9	79.7	17	-.11	
	37	1007	8/19/25	0.0	0.8	17.3	81.9	26	-.72	
	63	1009	8/19/25	0.0	0.0	20.7	79.3	42	-.28	
	87	1011	8/19/25	0.0	0.0	20.6	79.4	59	-.50	
GP-11	10	0939	8/19/25	0.0	0.6	20.5	79.0	6	-.34	
	70	0941	8/19/25	0.0	5.9	14.0	80.1	49	-.67	
	141	0943	8/19/25	0.0	0.0	21.0	79.0	102	-1.19	
	208	0947	8/19/25	0.0	0.3	20.1	79.6	137	-.98	
GP-12	12	0909	8/19/25	0.0	0.1	19.6	80.3	4	+.24	
	38	0911	8/19/25	0.0	0.0	19.8	80.2	20	+.04	
	74	0913	8/19/25	0.0	0.1	19.7	80.2	50	-.07	
	110	0915	8/19/25	0.0	0.0	20.0	80.0	75	-.02	
	224	0917	8/19/25	0.0	0.1	19.9	80.0	171	+.02	
GP-13	10	0848	8/19/25	0.0	1.1	18.1	80.8	9	-.03	
	29	0850	8/19/25	0.0	5.8	12.5	81.7	19	-.08	
	58	0855	8/19/25	17.7	12.5	0.5	69.3	39	-.56	
	87	0900	8/19/25	19.3	11.1	0 .8	68.8	59	-1.06	
	173	0904	8/19/25	0.0	0.1	19.6	80.3	109	-.74	
GP-14	10	0802	8/19/25	0.0	0.1	21.1	78.9	6	-.12	
	23	0804	8/19/25	0.0	0.1	21.0	78.9	15	-.18	
	44	0806	8/19/25	0.0	1.8	18.1	80.1	30	-.24	
	67	0808	8/19/25	0.0	4.6	10.5	84.9	46	-.58	
	134	0810	8/19/25	0.0	0.2	20.4	79.3	92	-2.41	
GP-15	10	0832	8/19/25	30.0	69.3	0.6	0.1	6	-.07	
	40	0826	8/19/25	25.5	74.1	0.4	0.0	19	-.07	

Table 7

	60	0832	8/19/25	25.2	56.8	0.4	17.6	39	-.39	
	90	0836	8/19/25	40.1	59.5	0.4	0.0	59	-.01	
	115	0834	8/19/25	44.5	45.1	2.3	8.1	109	+.29	
GP-16	10	0853	8/20/25	0.0	1.1	18.9	80.0	4	-.01	
	85	0855	8/20/25	0.0	2.5	15.1	82.4	26	-.06	
	154	0857	8/20/25	0.0	0.2	14.6	85.3	50	-.33	
	210	0859	8/20/25	0.0	0.2	18.6	81.3	75	-.36	
	255	0901	8/20/25	0.0	0.1	20.0	79.9	171	-.35	
GP-17	10	0823	8/20/25	0.0	0.6	18.3	81.1	4	-.09	
	55	0842	8/20/25	0.0	0.5	17.8	81.7	26	-.12	
	105	0844	8/20/25	0.0	0.3	17.2	82.5	50	-.19	
	149	0846	8/20/25	0.0	0.1	16.7	83.2	75	-.36	
	235	0848	8/20/25	0.0	0.1	20.0	79.9	121	-.44	
GP-18	10	0800	8/20/25	0.0	0.3	21.0	78.8	6	-.11	
	38	0802	8/20/25	0.0	0.1	21.1	78.8	9	-.13	
	58	0804	8/20/25	0.0	0.8	19.7	79.5	39	-.18	
	86	0806	8/20/25	0.0	0.4	19.8	79.7	59	-.31	
	115	0808	8/20/25	0.0	0.2	11.4	88.4	109	-.48	
GP-19	10	1031	8/20/25	0.0	2.8	17.2	80.0	6	+.04	
	84	1032	8/20/25	0.3	12.7	0.5	86.5	41	+.03	
	116	1034	8/20/25	0.0	9.9	3.1	87.0	73	+.06	
GP-20	60	1024	8/20/25	0.0	3.7	16.2	80.1	6	+.04	
	105	1026	8/20/25	0.0	8.3	11.1	80.6	41	+.25	
	173	1028	8/20/25	0.0	7.0	12.5	80.6	73	.0	
GP-21	10	1015	8/20/25	0.0	0.1	20.0	79.9	6	+.02	
	90	1017	8/20/25	0.0	1.0	19.1	79.9	46	-.23	
	232	1019	8/20/25	0.0	0.0	20.1	79.9	170	-.02	
GP-22	50	1004	8/20/25	0.0	0.7	19.3	79.9	6	+.07	
	155	1006	8/20/25	0.0	0.2	18.5	81.3	60	-.21	
	305	1008	8/20/25	0.0	0.0	20.2	79.8	200	-.32	
GP-23	35	0951	8/20/25	0.0	2.5	18.0	79.5	6	-.02	
	77	0953	8/20/25	0.0	5.0	13.9	81.1	19	-.05	
	132	0955	8/20/25	0.0	2.2	15.4	82.4	47	-.21	
GP-24	12	0936	8/20/25	0.0	1.0	19.9	79.1	6	+.02	
	40	0938	8/20/25	0.0	3.2	17.2	79.6	50	-.07	
	70	0940	8/20/25	0.0	0.2	20.6	79.2	71	-.01	
GP-25	14	0921	8/20/25	0.0	0.8	20.1	79.1	6	-.05	
	50	0923	8/20/25	0.0	0.5	19.7	79.8	39	-.03	
	80	0925	8/20/25	0.0	0.1	20.7	79.2	52	-.01	

TABLE 7

Chiquita Canyon Landfill (Title 27) 3rd Quarter Monitoring Report
August 2025 Perimeter Probe Monitoring Data Sheet (8-29-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (Title 27) (1st 10 Day Recheck)										
GP-15	10	0939	8/29/25	28.7	69.9	0.9	0.5	26	-.01	
	40	0941	8/29/25	26.1	73.8	0.1	0.0	103	-.02	
	60	0943	8/29/25	26.2	57.9	0.5	15.4	150	-.65	
	90	0945	8/29/25	41.9	56.2	0.7	1.2	229	.0	
	115	0947	8/29/25	47.2	49.8	0.9	2.1	287	+.40	
GP-16	10							4		
	85							26		
	154							50		
	210							75		
	255							171		

TABLE 7

Chiquita Canyon Landfill (Title 27) 3rd Quarter Monitoring Report
August 2025 Perimeter Probe Monitoring Data Sheet (9-8-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (Title 27) (2nd 10 Day Recheck)										
GP-15	10	0848	9/8/25	29.5	69.8	0.9	0.0	6	+.08	
	40	0850	9/8/25	25.7	73.5	0.8	0.0	19	+.01	
	60	0852	9/8/25	25.6	59.8	0.9	13.7	39	+.01	
	90	0854	9/8/25	43.9	55.3	0.8	0.0	59	+.10	
	115	0856	9/8/25	47.7	52.1	0.1	0.1	109	+.55	
GP-16	10							4		
	85							26		
	154							50		
	210							75		
	255							171		

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
September 2025 Perimeter Probe Monitoring Data Sheet (9-23-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (Monthly)										
GP-A	10	0917	9/23/25	0.0	0.1	20.1	79.9	6	-.28	
	51	0919	9/23/25	0.0	0.0	20.5	79.5	19	-1.64	
	102	0923	9/23/25	0.0	0.0	20.3	79.6	39	+.23	
	151.5	0925	9/23/25	0.0	0.0	20.3	79.7	95	-.18	
GP-1R	26	1048	9/23/25	0.0	0.2	18.2	81.5	16	+.08	
	38	1050	9/23/25	0.0	0.1	20.1	79.8	26	+.07	
	47	1052	9/23/25	0.0	0.1	20.5	79.4	+.02	+.08	
GP-2	15.5	0738	9/23/25	0.0	0.1	20.8	79.1	+.06	+.02	
	44.5	0740	9/23/25	0.0	2.5	17.8	79.6	-.05	+.06	
	53	0742	9/23/25	0.0	0.0	20.9	79.1	18	-.05	
GP-5	10	1032	9/23/25	0.0	2.1	18.0	78.9	16	+.07	
	45	1035	9/23/25	0.0	0.0	20.8	79.2	18	+.08	
	93	1038	9/23/25	0.0	10.4	4.1	85.4	64	-.02	
GP-6	10	1023	9/23/25	0.0	0.3	20.3	79.4	6	+.08	
	30	1025	9/23/25	0.0	0.6	20.0	79.3	20	+.19	
	60	1028	9/23/25	0.0	0.3	20.4	79.3	41	+.12	
GP-7	10	1016	9/23/25	0.0	0.2	20.4	79.4	6	+.10	
	30	1018	9/23/25	0.0	1.2	19.0	79.8	20	+.11	
	60	1020	9/23/25	0.0	0.5	19.3	80.2	41	-.10	
GP-8	10	1004	9/23/25	0.0	0.4	20.5	79.1	6	+.07	
	60	1006	9/23/25	0.0	0.5	18.6	80.9	41	+.07	
	120	1008	9/23/25	0.0	0.6	19.8	79.5	75	-.05	
GP-9	25	0955	9/23/25	0.0	1.3	19.2	79.5	16	+.04	
	55	0957	9/23/25	0.0	0.0	21.0	79.0	20	+.06	
	83	0959	9/23/25	0.0	0.0	21.0	78.9	51	+.05	
GP-10	22	0931	9/23/25	0.0	2.4	17.6	80.0	17	+.04	
	37	0933	9/23/25	0.0	1.1	16.8	82.1	26	-.49	
	63	0935	9/23/25	0.0	0.0	20.2	79.7	42	-.36	
	87	0937	9/23/25	0.0	0.0	20.4	79.6	59	-.37	
GP-11	10	0902	9/23/25	0.0	0.7	19.8	79.5	6	-.19	
	70	0904	9/23/25	0.0	1.5	19.1	79.4	49	-.54	
	141	0907	9/23/25	0.0	4.2	6.2	89.5	102	-.21	
	208	0911	9/23/25	0.2	6.7	6.0	87.1	137	-.27	
GP-12	12	0843	9/23/25	0.0	0.4	19.7	79.9	4	+.08	
	38	0846	9/23/25	0.0	0.1	20.1	79.8	26	+.08	
	74	0848	9/23/25	0.0	0.1	20.2	79.7	50	+.14	
	110	0850	9/23/25	0.0	0.1	20.3	79.6	75	+.08	
	224	0852	9/23/25	0.0	0.1	20.3	79.6	171	+.13	

Table 7

GP-13	10	0810	9/23/25	0.0	1.4	18.9	79.7	6	+.02	
	29	0813	9/23/25	0.0	9.7	8.9	81.3	19	+.03	
	58	0820	9/23/25	36.4	11.8	0.4	51.4	39	-.02	
	87	0826	9/23/25	7.4	10.3	0.5	81.7	59	-.49	
	173	0834	9/23/25	13.7	4.3	2.6	79.3	109	+.38	
GP-14	10	0750	9/23/25	0.0	0.1	20.9	79.0	6	-.01	
	23	0752	9/23/25	0.0	0.1	20.9	79.0	15	-.13	
	44	0754	9/23/25	0.0	1.9	18.3	79.7	30	-.14	
	67	0757	9/23/25	0.0	4.4	12.3	83.3	46	-.43	
	134	0759	9/23/25	0.0	8.5	3.3	88.3	92	-2.01	

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
September 2025 Perimeter Probe Monitoring Data Sheet (9-23-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (1st 10 Day Recheck)										
GP-13	10							6		
	29							19		
	58	0925	10/2/25	19.2	12.7	0.3	67.8	39	-.45	
	87	0927	10/2/25	8.4	10.1	11.3	70.2	59	-1.15	
	173	0929	10/2/25	6.7	4.2	2.7	86.4	109	-.67	
GP-14	10							6		
	23							15		
	44							30		
	67							46		
	134							92		

Table 7

Chiquita Canyon Landfill Rule 1150.1 3rd Quarter Monitoring Report
September 2025 Perimeter Probe Monitoring Data Sheet (9-23-25)

Probe Number		Time	Date	CH4%(% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
Perimeter Probe Monitoring (2nd 10 Day Recheck)										
GP-13	10							6		
	29							19		
	58	0853	10/9/25	9.9	13.5	0.5	76.1	39	-.88	
	87	0856	10/9/25	5.8	10.2	0.7	83.2	59	-1.20	
	173	0859	10/9/25	0.0	0.1	20.3	79.6	109	-.61	
GP-14	10							6		
	23							15		
	44							30		
	67							46		
	134							92		

TABLE 8

Probe Analysis

Table 8

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Probe Tedlar Bag Sample

Report Date: August 7, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: July 24, 2025
Date Analyzed: July 24-25, 2025

AtmAA Lab No.:	22055-15	22055-16
Sample I.D.:	Probe GP-13/58'	Probe GP-13/87'
Components	*(Concentration in ppmv)*	
Methane	54700	75800
Carbon dioxide	145050	89750
Ethane	3.72	5.74
TGNMO	63.9	173
	(Concentration in ppbv)	
Hydrogen sulfide	13200	<80
Benzene	19.9	52.3
Benzyl chloride	<0.60	<0.60
Chlorobenzene	3.04	5.05
Dichlorobenzenes*	13.8	11.2
1,1-dichloroethane	<0.65	<0.65
1,2-dichloroethane	<0.65	<0.65
1,1-dichloroethylene	<0.65	<0.65
Dichloromethane	<1.50	<1.50
1,2-dibromoethane	<0.40	<0.40
Perchloroethylene	2.78	0.77
Carbon tetrachloride	<0.80	<0.80
Toluene	55.1	62.3
1,1,1-trichloroethane	<0.50	<0.50
Trichloroethene	2.76	<0.50
Chloroform	<0.50	<0.50
Vinyl chloride	<0.50	<0.50
m+p-xylenes	63.9	119
o-xylene	26.9	19.5

Methane was analyzed by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946.
Ethane and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/ total combustion analysis (FID/TCA) Method 25. Concentrations are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 8

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: July 24, 2025
Date Analyzed: July 24-25, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	GP-13/58'	54100	55300	54700	2.2
	GP-13/87'	75600	76000	75800	0.53
Ethane	GP-13/87'	5.85	5.62	5.74	4.0
TGNMO	GP-13/87'	175	171	173	2.3
		(Concentration in ppbv)			
Hydrogen sulfide	GP-13/58'	12800	13600	13200	6.1
Benzene	GP-13/58'	18.8	20.9	19.9	11
Benzyl chloride	GP-13/58'	<0.60	<0.60	—	—
Chlorobenzene	GP-13/58'	2.93	3.14	3.04	6.9
Dichlorobenzenes	GP-13/58'	13.6	14.0	13.8	2.9
1,1-dichloroethane	GP-13/58'	<0.65	<0.65	—	—
1,2-dichloroethane	GP-13/58'	<0.65	<0.65	—	—
1,1-dichloroethylene	GP-13/58'	<0.65	<0.65	—	—
Dichloromethane	GP-13/58'	<1.50	<1.50	—	—
1,2-dibromoethane	GP-13/58'	<0.40	<0.40	—	—
Perchloroethylene	GP-13/58'	2.67	2.88	2.78	7.6
Carbon tetrachloride	GP-13/58'	<0.80	<0.80	—	—
Toluene	GP-13/58'	52.6	57.5	55.1	8.9
1,1,1-trichloroethane	GP-13/58'	<0.50	<0.50	—	—
Trichloroethene	GP-13/58'	2.59	2.93	2.76	12
Chloroform	GP-13/58'	<0.50	<0.50	—	—
Vinyl chloride	GP-13/58'	<0.50	<0.50	—	—
m+p-xylenes	GP-13/58'	63.0	64.8	63.9	2.8
o-xylene	GP-13/58'	26.1	27.7	26.9	5.9

Two Tedlar bag samples, laboratory numbers 22055-(15-16), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD from mean for 13 repeat measurements from two Tedlar bag samples is 5.6%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Waste Connections / Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
11501		
Sampler: (Print)	**(Signature)**	**No. Of Containers**
Robert Johns		2

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	8260 Toxic List	Mercaptans	TVPHC			Remarks
GP-13/58'	7-23-25	0900-0910	22055-15	Probe	X	X	X			
GP-15/87'	7-23-25	0910-0920	-16	Probe	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	7-24-25	0757			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				7/24/25	7:57
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA

Table 8

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Probe Tedlar Bag Sample

Report Date: September 8, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: August 20, 2025
Date Analyzed: August 20-22, 2025

AtmAA Lab No.:	22325-1	22325-2
Sample I.D.:	Probe GP-13/58'	Probe GP-13/87'
Components	*(Concentration in ppmv)*	
Methane	152100	199000
Carbon dioxide	104400	106700
Ethane	26.6	49.1
TGNMO	569	1140
	(Concentration in ppbv)	
Hydrogen sulfide	16100	<80
Benzene	16.1	7.53
Benzyl chloride	<0.65	<0.65
Chlorobenzene	<0.65	1.42
Dichlorobenzenes*	1.81	19.7
1,1-dichloroethane	<0.65	<0.65
1,2-dichloroethane	<0.65	<0.65
1,1-dichloroethylene	<0.65	<0.65
Dichloromethane	<1.50	<1.50
1,2-dibromoethane	<0.40	<0.40
Perchloroethylene	2.51	1.12
Carbon tetrachloride	<0.80	<0.80
Toluene	6.82	71.7
1,1,1-trichloroethane	<0.50	<0.50
Trichloroethene	1.35	<0.50
Chloroform	<0.50	<0.50
Vinyl chloride	<0.50	<0.50
m+p-xylenes	3.28	90.9
o-xylene	0.98	29.3

Methane was analyzed by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946.
Ethane and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/ total combustion analysis (FID/TCA) Method 25. Concentrations are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 8

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: August 20, 2025
Date Analyzed: August 20-22, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	GP-13/58'	151200	153000	152100	1.2
Ethane	GP-13/58'	26.0	27.1	26.6	0.38
TGNMO	GP-13/58'	572	565	569	1.2
		(Concentration in ppbv)			
Hydrogen sulfide	GP-13/58'	16900	15300	16100	9.9
Benzene	GP-13/58'	16.4	15.8	16.1	3.7
Benzyl chloride	GP-13/58'	<0.65	<0.65	—	—
Chlorobenzene	GP-13/58'	<0.65	<0.65	—	—
Dichlorobenzenes	GP-13/58'	2.06	1.56	1.81	27
1,1-dichloroethane	GP-13/58'	<0.65	<0.65	—	—
1,2-dichloroethane	GP-13/58'	<0.65	<0.65	—	—
1,1-dichloroethylene	GP-13/58'	<0.65	<0.65	—	—
Dichloromethane	GP-13/58'	<1.50	<1.50	—	—
1,2-dibromoethane	GP-13/58'	<0.40	<0.40	—	—
Perchloroethylene	GP-13/58'	2.72	2.30	2.51	17
Carbon tetrachloride	GP-13/58'	<0.80	<0.80	—	—
Toluene	GP-13/58'	7.46	6.18	6.82	19
1,1,1-trichloroethane	GP-13/58'	<0.50	<0.50	—	—
Trichloroethene	GP-13/58'	1.44	1.26	1.35	13
Chloroform	GP-13/58'	<0.50	<0.50	—	—
Vinyl chloride	GP-13/58'	<0.50	<0.50	—	—
m+p-xylenes	GP-13/58'	3.57	2.99	3.28	18
o-xylene	GP-13/58'	1.07	0.89	0.98	18

Two Tedlar bag samples, laboratory numbers 22325-(1-2), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD from mean for 11 repeat measurements from two Tedlar bag samples is 12%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Waste Connections / Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
1150.1		
Sampler: (Print)	**(Signature)**	**No. Of Containers**
Adam Jones		2

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	USEPA Toxicity	Methane	TVH/BTEX			Remarks
GP-13/58'	8-19-25	0855-0905	22325-1	Probe	X	X	X			
GP-13/87'	8-19-25	0905-0915	-2	Probe	X	X	X			

Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
	8-20-25	0810			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				8/20/25	8:10
Sample Disposal Method:			**Disposed of by: (Signature)**	**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMA LAB

Table 8

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Probe Tedlar Bag Sample

Report Date: September 8, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: Title 27
Date Received: August 20, 2025
Date Analyzed: August 20-22, 2025

AtmAA Lab No.:	22325-3	22325-4	22325-5	22325-6	22325-7
Sample I.D.:	Probe GP-15/10'	Probe GP-15/40'	Probe GP-15/60'	Probe GP-15/90'	Probe GP-15/115'
Components	*(Concentration in ppmv)*				
Methane	281100	241000	227600	376400	425600
Carbon dioxide	670650	679800	547400	572500	438100
Ethane	217	220	159	236	262
TGNMO	3185	3700	3760	4550	4640
	(Concentration in ppbv)				
Hydrogen sulfide	889	<80	828	765	26100
Benzene	9355	11700	5140	5440	541
Benzyl chloride	<40	<40	<40	<40	<40
Chlorobenzene	<40	<40	<40	<40	<40
Dichlorobenzenes*	79.9	74.5	40.8	131	63.0
1,1-dichloroethane	<40	<40	<40	<40	<40
1,2-dichloroethane	<40	<40	<40	<40	<40
1,1-dichloroethylene	<40	<40	<40	<40	<40
Dichloromethane	<90	<90	<90	<90	<90
1,2-dibromoethane	<25	<25	<25	<25	<25
Perchloroethylene	<25	<25	<25	38 1	39.4
Carbon tetrachloride	<50	<50	<50	<50	<50
Toluene	1220	1670	1450	1530	425
1,1,1-trichloroethane	<30	<30	<30	<30	<30
Trichloroethene	<30	<30	<30	59.0	78.3
Chloroform	<30	<30	<30	96.2	84.2
Vinyl chloride	39.0	41.5	59.9	38.5	33.3
m+p-xylenes	350	671	492	756	198
o-xylene	83.2	114	79.5	213	<40

Methane was analyzed by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946.
Ethane and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/ total combustion analysis (FID/TCA) Method 25. Concentrations are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307 91
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 8

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: August 20, 2025
Date Analyzed: August 20-22, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	GP-15/10'	280800	281400	281100	0.21
Ethane	GP-15/10'	217	217	217	0.00
TGNMO	GP-15/10'	3160	3210	3185	1.6
		(Concentration in ppbv)			
Hydrogen sulfide	GP-15/10'	876	901	889	2.8
	GP-15/115'	25700	26500	26100	3.1
Benzene	GP-15/10'	9200	9510	9355	3.3
Benzyl chloride	GP-15/10'	<40	<40	---	---
Chlorobenzene	GP-15/10'	<40	<40	---	---
Dichlorobenzenes	GP-15/10'	77.7	82.1	79.9	5.5
1,1-dichloroethane	GP-15/10'	<40	<40	---	---
1,2-dichloroethane	GP-15/10'	<40	<40	---	---
1,1-dichloroethylene	GP-15/10'	<40	<40	---	---
Dichloromethane	GP-15/10'	<90	<90	---	---
1,2-dibromoethane	GP-15/10'	<25	<25	---	---
Perchloroethylene	GP-15/10'	<25	<25	---	---
Carbon tetrachloride	GP-15/10'	<50	<50	---	---
Toluene	GP-15/10'	1160	1280	1220	9.8
1,1,1-trichloroethane	GP-15/10'	<30	<30	---	---
Trichloroethene	GP-15/10'	<30	<30	---	---
Chloroform	GP-15/10'	<30	<30	---	---
Vinyl chloride	GP-15/10'	39.9	38.0	39.0	4.9
m+p-xylenes	GP-15/10'	341	358	350	4.9
o-xylene	GP-15/10'	82.5	83.8	83.2	1.6

Five Tedlar bag samples, laboratory numbers 22325-(3-7), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 11 repeat measurements from five Tedlar bag samples is 3.4%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
WASTE connections/Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
Title 27		
Sampler: (Print) Robert Johns	**(Signature)**	**No. Of Containers** 5

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	1150 Toxic VOC	Methane	TVPHC			Remarks
GP-15/10'	8-19-25	0800 - 0810	22325-3	Probe	X	X	X			
GP15/40'		0810 - 0820	-4		X	X	X			
GP15/60'		0820 - 0830	-5		X	X	X			
GP15/90'		0830 - 0840	-6		X	X	X			
GP15/115'	↓	0840 - 0850	-7	↓	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	8-20-25	0810			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				8/20/25	8:10
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATMAA LAB

Table 8

AtmAA Inc.
5107 Douglas Fir Rd., Calabasas, CA 91302 • (818) 223-3277
specialized air assessment laboratory
atmaa.com

LABORATORY ANALYSIS REPORT

SCAQMD Rule 1150.1 Components Analysis in Probe Tedlar Bag Sample

Report Date: October 7, 2025
Client: Waste Connections
Project Location: Chiquita Canyon Landfill
Project No.: 1150.1
Date Received: September 24, 2025
Date Analyzed: September 24, 2025

AtmAA Lab No.:	22675-2	22675-3	22675-4
Sample I.D.:	Probe GP-13/58'	Probe GP-13/87'	Probe GP-13/173'
Components	*(Concentration in ppmv)*		
Methane	373000	71600	141400
Carbon dioxide	113700	100000	39000
Ethane	100.9	7.43	<5
TGNMO	1650	328	15.2
	(Concentration in ppbv)		
Hydrogen sulfide	20575	<80	<80
Benzene	43.8	52.5	5.09
Benzyl chloride	<1.30	<1.30	<1.30
Chlorobenzene	1.31	2.84	<1.30
Dichlorobenzenes*	2.19	7.93	6.83
1,1-dichloroethane	<1.30	<1.30	<1.30
1,2-dichloroethane	<1.30	<1.30	<1.30
1,1-dichloroethylene	<1.30	<1.30	<1.30
Dichloromethane	<2.90	<2.90	<2.90
1,2-dibromoethane	<0.80	<0.80	<0.80
Perchloroethylene	3.89	1.30	<0.80
Carbon tetrachloride	<1.60	<1.60	<1.60
Toluene	10.9	26.3	3.33
1,1,1-trichloroethane	<1.00	<1.00	<1.00
Trichloroethene	3.67	1.12	<1.00
Chloroform	<1.00	<1.00	<1.00
Vinyl chloride	<1.00	<1.00	<1.00
m+p-xylenes	2.18	117	3.55
o-xylene	<1.20	12.2	<1.20

Methane was analyzed by thermal conductivity detection/gas chromatography (TCD/GC), ASTM D1946.
Ethane and total gaseous non-methane organics (TGNMO) were measured by flame ionization detection/ total combustion analysis (FID/TCA) Method 25. Concentrations are reported as ppmvC.
Toxic air contaminants (TAC) compounds were analyzed by GC/MS, EPA TO-15.
Hydrogen sulfide was analyzed by SCD/GC, SCAQMD 307.91.
** total amount containing meta, para, and ortho isomers*

Brian W. Fung
Laboratory Director

Table 8

QUALITY ASSURANCE SUMMARY
(Repeat Analyses)

Project Location: Chiquita Canyon Landfill
Date Received: September 24, 2025
Date Analyzed: September 24, 2025

Components	Sample ID	Repeat Analysis Run #1	Repeat Analysis Run #2	Mean Conc.	% RPD
		(Concentration in ppmv)			
Methane	GP-13/58'	373500	372500	373000	0.27
Carbon Dioxide	GP-13/58'	113500	113900	113700	0.35
Ethane	GP-13/58'	99.7	102	101	2.3
TGNMO	GP-13/58'	1640	1660	1650	1.2
		(Concentration in ppbv)			
Hydrogen sulfide	GP-13/58'	20320	20830	20575	2.5
Benzene	GP-13/58'	43.7	43.8	43.8	0.23
Benzyl chloride	GP-13/58'	<1.30	<1.30	---	---
Chlorobenzene	GP-13/58'	1.31	1.31	1.31	0.00
Dichlorobenzenes	GP-13/58'	2.27	2.11	2.19	7.3
1,1-dichloroethane	GP-13/58'	<1.30	<1.30	---	---
1,2-dichloroethane	GP-13/58'	<1.30	<1.30	---	---
1,1-dichloroethylene	GP-13/58'	<1.30	<1.30	---	---
Dichloromethane	GP-13/58'	<2.90	<2.90	---	---
1,2-dibromoethane	GP-13/58'	<0.80	<0.80	---	---
Perchloroethylene	GP-13/58'	3.85	3.92	3.89	1.8
Carbon tetrachloride	GP-13/58'	<1.60	<1.60	---	---
Toluene	GP-13/58'	10.80	11.00	10.90	1.8
1,1,1-trichloroethane	GP-13/58'	<1.00	<1.00	---	---
Trichloroethene	GP-13/58'	3.62	3.72	3.67	2.7
Chloroform	GP-13/58'	<1.00	<1.00	---	---
Vinyl chloride	GP-13/58'	<1.00	<1.00	---	---
m+p-xylenes	GP-13/58'	2.16	2.20	2.18	1.8
o-xylene	GP-13/58'	<1.20	<1.20	---	---

Three Tedlar bag samples, laboratory numbers 22675-(2-4), were analyzed for SCAQMD Rule 1150.1 components, methane, and total gaseous non-methane organics (TGNMO). Agreement between repeat analyses is a measure of precision and is shown above in the column "% RPD". The average % RPD for 12 repeat measurements from three Tedlar bag samples is 1.9%.

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Waste Connections / Chiquita Canyon Landfill	Valencia	
Project No.	**Field Logbook No.**	
1150.1		
Sampler: (Print) Richard Adams	**(Signature)**	**No. Of Containers** 3

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample	1150.1 Toxic Chem	1150.1 Metals	TAL Met HG			Remarks
GP-13/58'	9-23-25	0820-0830	22675-2	Probe	X	X	X			
GP-13/87'	9-23-25	0830-0840	-3	Probe	X	X	X			
GP-13/175'	9-23-25	0840-0850	-4	Probe	X	X	X			

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	9-24-25	0719			
Relinquished by: (Signature)	**Date**	**Time**	**Received by: (Signature)**	**Date**	**Time**
Relinquished by: (Signature)	**Date**	**Time**	**Received for Laboratory: (Signature)**	**Date**	**Time**
				9/24/25	7:19
Sample Disposal Method:	**Disposed of by: (Signature)**			**Date**	**Time**

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

ATLAS

TABLE 9

Chiquita Canyon Landfill

Probe Readings

Third Quarter 2025

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-2 - 15.5	7/23/2025 08:08	0.00	4.10	18.10	77.80	-0.06	
GP-2 - 15.5	8/19/2025 07:50	0.00	0.40	20.50	79.10	-0.10	
GP-2 - 44.5	7/23/2025 08:10	0.00	0.10	20.30	79.60	-0.06	
GP-2 - 44.5	8/19/2025 07:52	0.00	0.10	21.10	78.80	-0.06	
GP-2 - 53	7/23/2025 08:12	0.00	0.10	20.80	79.10	-0.04	
GP-2 - 53	8/19/2025 07:54	0.00	0.90	20.10	79.00	-0.18	
GP-5 - 10	7/1/2025 10:50	0.00	8.60	11.80	79.60	0.00	
GP-5 - 10	7/2/2025 09:12	0.00	7.80	12.80	79.40	0.00	
GP-5 - 10	7/3/2025 10:47	0.00	5.60	14.30	80.10	-0.01	
GP-5 - 10	7/7/2025 10:49	0.00	6.00	15.40	78.60	0.02	
GP-5 - 10	7/8/2025 10:31	0.00	5.00	16.20	78.80	0.01	
GP-5 - 10	7/9/2025 08:52	0.00	5.20	15.50	79.30	0.00	
GP-5 - 10	7/10/2025 09:59	0.00	6.70	14.60	78.70	0.02	
GP-5 - 10	7/11/2025 10:09	0.00	6.10	14.80	79.10	0.02	
GP-5 - 10	7/14/2025 10:02	0.00	5.50	15.50	79.00	0.01	
GP-5 - 10	7/15/2025 10:04	0.00	5.30	15.80	78.90	0.02	
GP-5 - 10	7/16/2025 08:44	0.00	4.80	16.40	78.80	0.00	
GP-5 - 10	7/17/2025 09:44	0.00	4.80	16.10	79.10	0.01	
GP-5 - 10	7/18/2025 10:23	0.00	4.80	16.70	78.50	0.02	
GP-5 - 10	7/21/2025 10:15	0.00	4.30	17.20	78.50	0.00	
GP-5 - 10	7/22/2025 10:32	0.00	3.80	17.60	78.60	0.00	
GP-5 - 10	7/23/2025 09:03	0.00	3.50	17.20	79.30	0.00	
GP-5 - 10	7/23/2025 10:34	0.00	3.20	18.90	77.90	-0.05	
GP-5 - 10	7/24/2025 09:47	0.00	0.00	19.70	80.30	0.01	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 10	7/25/2025 09:46	0.00	5.50	16.40	78.10	0.01	
GP-5 - 10	7/28/2025 09:38	0.00	2.90	18.20	78.90	0.00	
GP-5 - 10	7/29/2025 09:19	0.00	2.70	18.20	79.10	0.01	
GP-5 - 10	7/30/2025 08:46	0.00	3.90	17.80	78.30	0.00	
GP-5 - 10	7/31/2025 08:00	0.00	3.00	18.50	78.50	0.00	
GP-5 - 10	8/1/2025 08:08	0.00	2.40	19.10	78.50	-0.01	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-5 - 10	8/4/2025 07:48	0.00	2.70	18.60	78.70	0.00	
GP-5 - 10	8/5/2025 07:57	0.00	2.20	19.00	78.80	0.00	
GP-5 - 10	8/6/2025 07:59	0.00	2.50	18.90	78.60	0.00	
GP-5 - 10	8/7/2025 08:01	0.00	3.00	17.90	79.10	0.00	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 10	8/8/2025 10:03	0.00	3.60	17.20	79.20	0.01	
GP-5 - 10	8/11/2025 08:34	0.00	3.00	18.30	78.70	0.01	
GP-5 - 10	8/12/2025 09:13	0.00	2.90	17.80	79.30	0.01	
GP-5 - 10	8/13/2025 09:57	0.01	3.27	17.76	78.96	0.00	
GP-5 - 10	8/14/2025 08:44	0.00	2.90	18.00	79.10	-0.01	
GP-5 - 10	8/15/2025 09:54	0.00	3.10	18.00	78.90	0.01	
GP-5 - 10	8/18/2025 08:43	0.00	2.80	18.50	78.70	0.01	
GP-5 - 10	8/19/2025 08:17	0.00	1.80	18.40	79.80	-0.01	
GP-5 - 10	8/19/2025 11:00	0.00	2.30	18.90	78.80	-0.02	
GP-5 - 10	8/20/2025 07:57	0.00	2.80	18.40	78.80	0.00	
GP-5 - 10	8/21/2025 09:53	0.00	4.30	17.20	78.50	0.02	
GP-5 - 10	8/22/2025 09:52	0.00	3.70	17.90	78.40	0.01	
GP-5 - 10	8/25/2025 08:32	0.00	2.40	18.40	79.20	0.00	
GP-5 - 10	8/26/2025 08:03	0.00	2.34	18.49	79.17	-0.01	
GP-5 - 10	8/27/2025 09:31	0.00	3.30	18.20	78.50	0.01	
GP-5 - 10	8/28/2025 10:23	0.00	3.50	17.70	78.80	0.01	
GP-5 - 10	8/29/2025 08:09	0.00	3.80	18.40	77.80	0.00	
GP-5 - 10	9/2/2025 10:27	0.00	2.10	18.30	79.60	0.04	
GP-5 - 10	9/3/2025 07:58	0.00	2.20	18.90	78.90	-0.01	
GP-5 - 10	9/4/2025 10:32	0.00	3.90	17.50	78.60	0.02	
GP-5 - 10	9/5/2025 11:02	0.00	2.50	18.00	79.50	0.02	
GP-5 - 10	9/8/2025 08:19	0.00	2.00	19.00	79.00	0.00	
GP-5 - 10	9/9/2025 09:16	0.00	2.50	18.20	79.30	0.01	
GP-5 - 10	9/10/2025 09:13	0.00	2.80	19.00	78.20	0.00	
GP-5 - 10	9/11/2025 11:02	0.00	2.10	18.40	79.50	0.01	
GP-5 - 10	9/12/2025 10:31	0.00	3.00	18.00	79.00	0.02	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-5 - 10	9/15/2025 09:45	0.00	2.30	18.70	79.00	0.01	
GP-5 - 10	9/16/2025 10:00	0.00	1.80	19.00	79.20	0.02	
GP-5 - 10	9/17/2025 09:46	0.00	2.70	18.90	78.40	0.02	
GP-5 - 10	9/18/2025 10:29	0.00	2.90	19.70	77.40	0.01	
GP-5 - 10	9/19/2025 10:43	0.00	2.40	19.20	78.40	0.01	
GP-5 - 10	9/22/2025 10:12	0.00	2.40	18.60	79.00	0.02	
GP-5 - 10	9/23/2025 08:00	0.00	1.90	19.20	78.90	-0.01	
GP-5 - 10	9/24/2025 07:50	0.00	1.40	19.50	79.10	-0.01	
GP-5 - 10	9/25/2025 08:36	0.00	1.50	19.70	78.80	0.00	
GP-5 - 10	9/26/2025 10:23	0.00	2.80	18.70	78.50	0.00	
GP-5 - 10	9/29/2025 10:03	0.00	2.30	19.20	78.50	0.01	
GP-5 - 10	9/30/2025 10:32	0.00	1.70	19.30	79.00	0.00	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 45	7/1/2025 10:53	1.00	10.60	6.90	81.50	0.02	
GP-5 - 45	7/2/2025 09:15	0.50	8.80	9.50	81.20	0.00	
GP-5 - 45	7/3/2025 10:50	0.00	4.70	15.00	80.30	-0.02	
GP-5 - 45	7/7/2025 10:52	0.00	5.00	14.60	80.40	0.00	
GP-5 - 45	7/8/2025 10:35	0.00	3.40	16.60	80.00	-0.03	
GP-5 - 45	7/9/2025 08:55	0.00	5.60	13.40	81.00	-0.04	
GP-5 - 45	7/10/2025 10:02	4.90	13.10	5.30	76.70	0.04	
GP-5 - 45	7/11/2025 10:13	0.00	8.40	10.50	81.10	0.03	
GP-5 - 45	7/14/2025 10:05	0.00	6.20	13.30	80.50	0.04	
GP-5 - 45	7/15/2025 10:07	0.00	5.10	14.80	80.10	0.01	
GP-5 - 45	7/16/2025 08:47	0.00	3.80	16.30	79.90	-0.03	
GP-5 - 45	7/17/2025 09:47	0.00	4.20	15.80	80.00	0.00	
GP-5 - 45	7/18/2025 10:26	0.00	3.70	16.80	79.50	0.03	
GP-5 - 45	7/21/2025 10:19	0.00	3.10	17.20	79.70	-0.04	
GP-5 - 45	7/22/2025 10:35	0.00	2.50	18.00	79.50	-0.07	
GP-5 - 45	7/23/2025 09:07	0.00	2.00	18.00	80.00	-0.08	
GP-5 - 45	7/23/2025 10:36	0.00	0.00	21.10	78.90	-0.12	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-5 - 45	7/24/2025 09:49	0.00	0.30	19.40	80.30	-0.02	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 45	7/25/2025 09:48	0.00	9.40	9.10	81.50	0.03	
GP-5 - 45	7/28/2025 09:42	0.00	2.20	18.40	79.40	-0.03	
GP-5 - 45	7/29/2025 09:22	0.00	1.40	18.90	79.70	-0.04	
GP-5 - 45	7/30/2025 08:48	0.00	5.20	15.30	79.50	-0.02	
GP-5 - 45	7/31/2025 08:03	0.00	4.90	16.20	78.90	-0.08	
GP-5 - 45	8/1/2025 08:11	0.00	1.60	19.80	78.60	-0.13	
GP-5 - 45	8/4/2025 07:51	0.00	4.00	17.10	78.90	-0.07	
GP-5 - 45	8/5/2025 08:00	0.00	1.80	19.60	78.60	-0.12	
GP-5 - 45	8/6/2025 08:02	0.00	2.80	18.80	78.40	-0.07	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 45	8/7/2025 08:06	0.00	4.20	16.10	79.70	-0.03	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 45	8/8/2025 10:06	0.00	11.40	8.20	80.40	0.01	
GP-5 - 45	8/11/2025 08:37	0.00	4.70	17.00	78.30	-0.03	
GP-5 - 45	8/12/2025 09:16	0.00	6.00	15.10	78.90	-0.01	
GP-5 - 45	8/13/2025 10:00	0.00	4.70	16.51	78.79	0.02	
GP-5 - 45	8/14/2025 08:49	0.00	4.00	16.90	79.10	-0.04	
GP-5 - 45	8/15/2025 09:58	0.00	3.20	18.00	78.80	-0.06	
GP-5 - 45	8/18/2025 08:46	0.00	3.40	18.20	78.40	-0.03	
GP-5 - 45	8/19/2025 08:20	0.00	1.30	19.30	79.40	-0.09	
GP-5 - 45	8/19/2025 11:02	0.00	0.00	20.70	79.30	-0.04	
GP-5 - 45	8/20/2025 08:00	0.00	4.90	16.70	78.40	-0.03	
GP-5 - 45	8/21/2025 09:56	0.00	8.50	12.00	79.50	0.03	
GP-5 - 45	8/22/2025 09:57	0.00	5.00	16.30	78.70	-0.03	
GP-5 - 45	8/25/2025 08:36	0.00	3.80	17.10	79.10	-0.02	
GP-5 - 45	8/26/2025 08:06	0.00	1.80	19.06	79.14	-0.11	
GP-5 - 45	8/27/2025 09:34	0.00	1.80	19.20	79.00	-0.04	
GP-5 - 45	8/28/2025 10:25	0.00	2.80	17.90	79.30	0.00	
GP-5 - 45	8/29/2025 08:13	0.00	3.70	17.90	78.40	-0.05	
GP-5 - 45	9/2/2025 10:32	0.00	2.10	18.80	79.10	-0.08	



Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-5 - 45	9/3/2025 08:01	0.00	2.50	19.20	78.30	-0.07	
GP-5 - 45	9/4/2025 10:35	0.00	6.10	14.90	79.00	0.04	
GP-5 - 45	9/5/2025 11:06	0.00	4.70	16.50	78.80	0.00	
GP-5 - 45	9/8/2025 08:21	0.00	1.60	19.50	78.90	-0.06	
GP-5 - 45	9/9/2025 09:19	0.00	7.30	13.30	79.40	0.01	
GP-5 - 45	9/10/2025 09:16	0.00	4.10	17.30	78.60	-0.07	
GP-5 - 45	9/11/2025 11:05	0.00	2.60	18.50	78.90	-0.01	
GP-5 - 45	9/12/2025 10:34	0.00	2.80	18.30	78.90	0.02	
GP-5 - 45	9/15/2025 09:49	0.00	2.20	19.00	78.80	-0.04	
GP-5 - 45	9/16/2025 10:03	0.00	1.30	19.90	78.80	-0.06	
GP-5 - 45	9/17/2025 09:48	0.00	3.10	18.70	78.20	0.01	
GP-5 - 45	9/18/2025 10:32	0.00	4.70	17.40	77.90	-0.03	
GP-5 - 45	9/19/2025 10:46	0.00	2.10	19.60	78.30	-0.05	
GP-5 - 45	9/22/2025 10:15	0.00	4.80	16.60	78.60	0.02	
GP-5 - 45	9/23/2025 08:04	0.00	3.00	18.50	78.50	-0.10	
GP-5 - 45	9/24/2025 07:54	0.00	1.10	20.20	78.70	-0.12	
GP-5 - 45	9/25/2025 08:40	0.00	1.40	20.10	78.50	-0.08	
GP-5 - 45	9/26/2025 10:26	0.00	4.80	16.70	78.50	0.00	
GP-5 - 45	9/29/2025 10:06	0.00	3.10	18.50	78.40	0.00	
GP-5 - 45	9/30/2025 10:35	0.00	1.20	19.80	79.00	-0.05	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 93	7/1/2025 10:58	2.00	12.20	0.00	85.80	0.05	
GP-5 - 93	7/2/2025 09:20	2.20	12.30	0.00	85.50	-0.10	
GP-5 - 93	7/3/2025 10:55	2.20	12.00	0.00	85.80	-0.15	
GP-5 - 93	7/7/2025 10:56	1.70	11.90	0.00	86.40	-0.12	
GP-5 - 93	7/8/2025 10:41	1.80	12.10	0.00	86.10	-0.19	
GP-5 - 93	7/9/2025 09:00	1.60	12.00	0.00	86.40	-0.19	
GP-5 - 93	7/10/2025 10:07	1.40	12.00	0.00	86.60	0.10	
GP-5 - 93	7/11/2025 10:17	1.30	11.90	0.00	86.80	-0.01	
GP-5 - 93	7/14/2025 10:10	1.20	11.90	0.00	86.90	0.05	
GP-5 - 93	7/15/2025 10:11	1.20	11.80	0.10	86.90	-0.06	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-5 - 93	7/16/2025 08:52	1.20	12.10	0.10	86.60	-0.20	
GP-5 - 93	7/17/2025 09:52	1.00	11.70	0.10	87.20	-0.09	
GP-5 - 93	7/18/2025 10:32	1.10	12.10	0.00	86.80	-0.02	
GP-5 - 93	7/21/2025 10:23	0.70	12.20	0.10	87.00	-0.22	
GP-5 - 93	7/22/2025 10:40	0.60	12.00	0.10	87.30	-0.32	
GP-5 - 93	7/23/2025 09:11	0.60	12.10	0.00	87.30	-0.33	
GP-5 - 93	7/23/2025 10:38	0.20	12.00	0.40	87.40	-0.27	
GP-5 - 93	7/24/2025 09:53	0.40	11.80	0.10	87.70	-0.15	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 93	7/25/2025 09:52	0.20	12.10	0.00	87.70	0.04	
GP-5 - 93	7/28/2025 09:49	0.10	11.10	1.00	87.80	-0.18	
GP-5 - 93	7/29/2025 09:25	0.10	12.00	0.20	87.70	-0.22	
GP-5 - 93	7/30/2025 08:52	0.00	12.10	0.20	87.70	-0.18	
GP-5 - 93	7/31/2025 08:07	0.00	12.20	0.30	87.50	-0.34	
GP-5 - 93	8/1/2025 08:14	0.00	12.40	0.40	87.20	-0.51	
GP-5 - 93	8/4/2025 07:54	0.00	12.10	0.80	87.10	-0.30	
GP-5 - 93	8/5/2025 08:04	0.00	12.50	0.50	87.00	-0.54	
GP-5 - 93	8/6/2025 08:06	0.00	12.50	0.70	86.80	-0.33	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 93	8/7/2025 08:12	0.00	12.30	0.60	87.10	-0.16	Valve Adjustment:Reduced System Vac/Flare Down
GP-5 - 93	8/8/2025 10:10	0.00	11.60	0.80	87.60	-0.04	
GP-5 - 93	8/11/2025 08:40	0.00	12.20	0.80	87.00	-0.20	
GP-5 - 93	8/12/2025 09:19	0.00	12.00	0.80	87.20	-0.19	
GP-5 - 93	8/13/2025 10:04	0.00	12.24	0.85	86.91	-0.02	
GP-5 - 93	8/14/2025 08:55	0.00	12.10	0.60	87.30	-0.23	
GP-5 - 93	8/15/2025 10:02	0.00	12.20	0.80	87.00	-0.30	
GP-5 - 93	8/18/2025 08:49	0.00	12.00	1.30	86.70	-0.22	
GP-5 - 93	8/19/2025 08:27	0.00	11.40	1.60	87.00	-0.42	
GP-5 - 93	8/19/2025 11:04	0.00	11.10	2.10	86.80	-0.16	
GP-5 - 93	8/20/2025 08:03	0.00	12.10	1.60	86.30	-0.19	
GP-5 - 93	8/21/2025 10:00	0.00	11.50	1.60	86.90	0.05	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-5 - 93	8/22/2025 10:01	0.00	11.60	1.60	86.80	-0.20	
GP-5 - 93	8/25/2025 08:40	0.00	11.20	2.20	86.60	-0.17	
GP-5 - 93	8/26/2025 08:11	0.00	12.18	1.70	86.12	-0.44	
GP-5 - 93	8/27/2025 09:38	0.00	11.90	1.80	86.30	-0.23	
GP-5 - 93	8/28/2025 10:29	0.00	11.60	2.10	86.30	-0.07	
GP-5 - 93	8/29/2025 08:17	0.00	11.70	2.20	86.10	-0.22	
GP-5 - 93	9/2/2025 10:35	0.00	11.30	2.30	86.40	-0.41	
GP-5 - 93	9/3/2025 08:05	0.00	11.70	2.50	85.80	-0.33	
GP-5 - 93	9/4/2025 10:39	0.00	11.20	2.50	86.30	0.08	
GP-5 - 93	9/5/2025 11:09	0.00	11.20	2.50	86.30	-0.11	
GP-5 - 93	9/8/2025 08:25	0.00	11.70	3.00	85.30	-0.27	
GP-5 - 93	9/9/2025 09:23	0.00	11.40	3.00	85.60	-0.04	
GP-5 - 93	9/10/2025 09:20	0.00	11.20	3.20	85.60	-0.33	
GP-5 - 93	9/11/2025 11:09	0.00	11.00	3.00	86.00	-0.12	
GP-5 - 93	9/12/2025 10:38	0.00	11.00	3.10	85.90	-0.09	
GP-5 - 93	9/15/2025 09:53	0.00	11.00	3.30	85.70	-0.25	
GP-5 - 93	9/16/2025 10:07	0.00	11.00	3.50	85.50	-0.32	
GP-5 - 93	9/17/2025 09:53	0.00	11.00	3.70	85.30	-0.06	
GP-5 - 93	9/18/2025 10:35	0.00	11.20	3.90	84.90	-0.19	
GP-5 - 93	9/19/2025 10:50	0.00	11.10	3.80	85.10	-0.29	
GP-5 - 93	9/22/2025 10:19	0.00	10.60	4.10	85.30	-0.03	
GP-5 - 93	9/23/2025 08:07	0.00	11.10	4.20	84.70	-0.38	
GP-5 - 93	9/24/2025 07:58	0.00	11.20	4.40	84.40	-0.44	
GP-5 - 93	9/25/2025 08:44	0.00	10.90	4.50	84.60	-0.37	
GP-5 - 93	9/26/2025 10:29	0.00	10.80	4.60	84.60	-0.07	
GP-5 - 93	9/29/2025 10:10	0.00	10.70	4.80	84.50	-0.12	
GP-5 - 93	9/30/2025 10:42	0.00	10.30	4.60	85.10	-0.32	Valve Adjustment:Reduced System Vac/Flare Down
GP-6 - 10	7/11/2025 10:47	0.00	0.70	20.30	79.00	0.02	
GP-6 - 10	7/18/2025 10:57	0.00	0.60	20.50	78.90	0.01	
GP-6 - 10	7/23/2025 10:26	0.00	0.30	21.00	78.70	0.26	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-6 - 10	7/25/2025 10:23	0.00	0.60	20.20	79.20	0.01	
GP-6 - 10	8/8/2025 10:39	0.00	0.60	20.50	78.90	0.01	
GP-6 - 10	8/19/2025 10:53	0.00	0.20	20.50	79.30	-0.01	
GP-6 - 10	8/22/2025 10:44	0.00	0.70	20.70	78.60	0.02	
GP-6 - 10	9/4/2025 13:28	0.00	0.20	20.80	79.00	0.02	
GP-6 - 10	9/19/2025 13:45	0.00	0.30	20.40	79.30	0.00	
GP-6 - 30	7/11/2025 10:50	0.00	0.40	20.20	79.40	0.03	
GP-6 - 30	7/18/2025 10:59	0.00	0.40	20.30	79.30	0.04	
GP-6 - 30	7/23/2025 10:28	0.00	0.60	20.60	78.80	-0.04	
GP-6 - 30	7/25/2025 10:25	0.00	0.40	20.10	79.50	0.01	
GP-6 - 30	8/8/2025 10:41	0.00	0.40	20.40	79.20	0.00	
GP-6 - 30	8/19/2025 10:55	0.00	0.60	20.10	79.30	-0.06	
GP-6 - 30	8/22/2025 10:46	0.00	0.40	20.60	79.00	0.02	
GP-6 - 30	9/4/2025 13:30	0.00	0.40	20.60	79.00	0.01	
GP-6 - 30	9/19/2025 13:47	0.00	0.40	20.20	79.40	0.02	
GP-6 - 60	7/11/2025 10:53	0.00	0.20	20.50	79.30	-0.24	
GP-6 - 60	7/18/2025 11:03	0.00	0.20	20.70	79.10	-0.27	
GP-6 - 60	7/23/2025 10:30	0.00	0.00	21.10	78.90	-0.56	
GP-6 - 60	7/25/2025 10:27	0.00	0.20	20.30	79.50	-0.36	
GP-6 - 60	8/8/2025 10:43	0.00	0.20	20.70	79.10	-0.30	
GP-6 - 60	8/19/2025 10:57	0.00	0.00	20.60	79.40	-0.44	
GP-6 - 60	8/22/2025 10:48	0.00	0.20	21.00	78.80	-0.32	
GP-6 - 60	9/4/2025 13:32	0.00	0.20	21.00	78.80	0.02	
GP-6 - 60	9/19/2025 13:49	0.00	0.20	20.60	79.20	0.14	
GP-7 - 10	7/11/2025 10:58	0.00	0.20	20.40	79.40	0.01	
GP-7 - 10	7/18/2025 11:09	0.00	0.20	20.50	79.30	0.03	
GP-7 - 10	7/23/2025 10:16	0.00	0.20	21.00	78.80	-0.05	
GP-7 - 10	7/25/2025 10:43	0.00	0.20	20.10	79.70	0.01	
GP-7 - 10	8/8/2025 10:53	0.00	0.30	20.50	79.20	0.00	
GP-7 - 10	8/19/2025 10:46	0.00	0.20	20.50	79.30	-0.05	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-7 - 10	8/22/2025 10:55	0.00	0.30	20.80	78.90	0.02	
GP-7 - 10	9/4/2025 13:39	0.00	0.30	20.80	78.90	0.01	
GP-7 - 10	9/19/2025 13:54	0.00	0.20	20.50	79.30	0.00	
GP-7 - 30	7/11/2025 11:01	0.00	1.50	18.80	79.70	0.01	
GP-7 - 30	7/18/2025 11:12	0.00	1.50	19.10	79.40	0.04	
GP-7 - 30	7/23/2025 10:18	0.00	1.00	20.10	78.90	-0.01	
GP-7 - 30	7/25/2025 10:45	0.00	1.50	18.80	79.70	0.00	
GP-7 - 30	8/8/2025 10:55	0.00	1.40	19.40	79.20	-0.02	
GP-7 - 30	8/19/2025 10:48	0.00	1.10	19.60	79.30	-0.01	
GP-7 - 30	8/22/2025 10:56	0.00	1.40	19.30	79.30	0.02	
GP-7 - 30	9/4/2025 13:41	0.00	1.40	19.00	79.60	0.04	
GP-7 - 30	9/19/2025 13:56	0.00	1.40	18.80	79.80	-0.01	
GP-7 - 60	7/11/2025 11:04	0.00	2.90	14.40	82.70	-0.01	
GP-7 - 60	7/18/2025 11:17	0.00	2.80	14.40	82.80	0.07	
GP-7 - 60	7/23/2025 10:20	0.00	0.00	21.00	79.00	-0.28	
GP-7 - 60	7/25/2025 10:48	0.00	2.80	14.20	83.00	-0.04	
GP-7 - 60	8/8/2025 10:58	0.00	2.90	14.70	82.40	-0.08	
GP-7 - 60	8/19/2025 10:50	0.00	0.00	20.70	79.30	0.07	
GP-7 - 60	8/22/2025 10:59	0.00	2.80	14.60	82.60	-0.07	
GP-7 - 60	9/4/2025 13:44	0.00	3.00	14.80	82.20	0.22	
GP-7 - 60	9/19/2025 13:59	0.00	3.00	14.40	82.60	0.05	
GP-8 - 10	7/23/2025 10:04	0.00	0.40	21.20	78.40	-0.03	
GP-8 - 10	8/1/2025 11:09	0.00	0.10	21.10	78.80	-0.72	
GP-8 - 10	8/19/2025 10:35	0.00	0.40	20.40	79.20	-0.03	
GP-8 - 10	9/3/2025 14:18	0.00	0.20	20.50	79.30	0.04	
GP-8 - 60	7/23/2025 10:06	0.00	0.10	20.90	79.00	-0.19	
GP-8 - 60	8/1/2025 11:12	0.00	0.00	20.40	79.60	-0.13	
GP-8 - 60	8/19/2025 10:37	0.00	0.30	19.40	80.30	-0.10	
GP-8 - 60	9/3/2025 14:21	0.00	0.60	16.80	82.60	0.33	
GP-8 - 120	7/23/2025 10:08	0.00	0.40	20.80	78.80	-0.88	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-8 - 120	8/1/2025 11:17	0.00	0.80	15.60	83.60	-0.77	
GP-8 - 120	8/19/2025 10:39	0.00	0.30	20.10	79.60	-0.72	
GP-8 - 120	9/3/2025 14:26	0.00	0.90	15.70	83.40	0.79	
GP-9 - 25	7/23/2025 09:56	0.00	0.10	21.40	78.50	-0.14	
GP-9 - 25	8/8/2025 13:04	0.00	12.20	8.70	79.10	0.15	
GP-9 - 25	8/19/2025 10:20	0.00	0.00	20.30	79.70	-0.04	
GP-9 - 25	9/3/2025 10:56	0.00	12.00	8.70	79.30	0.12	
GP-9 - 55	7/23/2025 09:58	0.00	0.00	21.40	78.60	-0.08	
GP-9 - 55	8/8/2025 13:07	0.00	9.00	10.30	80.70	0.14	
GP-9 - 55	8/19/2025 10:26	0.00	0.10	20.40	79.50	-0.02	
GP-9 - 55	9/3/2025 11:00	0.00	2.30	18.60	79.10	0.14	
GP-9 - 83	7/23/2025 10:00	0.00	0.00	21.50	78.50	-0.03	
GP-9 - 83	8/8/2025 13:11	0.00	0.00	21.50	78.50	0.01	
GP-9 - 83	8/19/2025 10:28	0.00	0.00	20.70	79.30	-0.05	
GP-9 - 83	9/3/2025 11:05	0.00	0.00	21.70	78.30	0.02	
GP-A - 10	9/23/2025 11:00	0.00	0.00	20.70	79.30	-0.31	
GP-A - 11	7/23/2025 09:31	0.00	0.00	20.80	79.20	-0.09	
GP-A - 11	8/11/2025 14:30	0.00	0.00	21.50	78.50	-0.25	
GP-A - 11	8/19/2025 09:52	0.00	0.00	20.80	79.20	-0.33	
GP-A - 51	7/23/2025 09:33	0.00	0.00	20.90	79.10	-1.91	
GP-A - 51	8/11/2025 14:33	0.00	0.00	20.90	79.10	-1.06	
GP-A - 51	8/19/2025 09:55	0.00	0.00	20.80	79.20	-1.52	
GP-A - 51	9/23/2025 11:04	0.00	0.10	20.70	79.20	-1.56	
GP-A - 102	7/23/2025 09:35	0.00	0.00	21.00	79.00	0.12	
GP-A - 102	8/11/2025 14:37	0.00	0.00	21.10	78.90	-0.04	
GP-A - 102	8/19/2025 09:57	0.00	0.00	20.60	79.40	-0.08	
GP-A - 102	9/23/2025 11:08	0.00	0.00	20.90	79.10	0.00	
GP-A - 151.5	9/23/2025 11:14	0.00	0.00	20.90	79.10	-0.24	
GP-A - 152	7/23/2025 09:37	0.00	0.00	21.00	79.00	-0.28	
GP-A - 152	8/11/2025 14:42	0.00	0.00	21.20	78.80	-0.26	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-A - 152	8/19/2025 09:59	0.00	0.00	20.60	79.40	-0.30	
GP-10 - 22	7/23/2025 09:43	0.00	2.30	18.30	79.40	-0.05	
GP-10 - 22	8/19/2025 10:05	0.00	2.40	17.90	79.70	-0.11	
GP-10 - 22	8/28/2025 11:19	0.00	2.70	15.80	81.50	0.10	
GP-10 - 22	9/26/2025 11:02	0.00	3.70	15.10	81.20	0.01	
GP-10 - 37	7/23/2025 09:45	0.00	0.80	17.80	81.40	-0.75	
GP-10 - 37	8/19/2025 10:07	0.00	0.80	17.30	81.90	-0.72	
GP-10 - 37	8/28/2025 11:21	0.00	0.00	20.50	79.50	-0.03	
GP-10 - 37	9/26/2025 11:07	0.00	15.70	1.30	83.00	0.06	
GP-10 - 63	7/23/2025 09:47	0.00	0.00	21.30	78.70	-0.57	
GP-10 - 63	8/19/2025 10:09	0.00	0.00	20.70	79.30	-0.28	
GP-10 - 63	8/28/2025 11:25	0.00	15.50	0.50	84.00	0.00	
GP-10 - 63	9/26/2025 11:11	0.00	6.90	11.60	81.50	0.00	
GP-10 - 87	7/23/2025 09:49	0.00	0.00	21.30	78.70	-0.66	
GP-10 - 87	8/19/2025 10:11	0.00	0.00	20.60	79.40	-0.50	
GP-10 - 87	8/28/2025 11:29	0.00	11.30	5.10	83.60	0.05	
GP-10 - 87	9/26/2025 11:15	0.00	11.70	5.10	83.20	0.02	
GP-11 - 10	7/1/2025 10:09	0.10	0.60	19.30	80.00	-0.13	
GP-11 - 10	7/2/2025 08:39	0.00	0.90	20.00	79.10	-0.34	
GP-11 - 10	7/3/2025 10:05	0.00	0.30	20.10	79.60	-0.37	
GP-11 - 10	7/7/2025 10:12	0.10	0.50	20.50	78.90	-0.34	
GP-11 - 10	7/8/2025 07:53	0.00	0.10	20.60	79.30	-0.64	
GP-11 - 10	7/9/2025 08:12	0.00	0.30	20.20	79.50	-0.40	
GP-11 - 10	7/10/2025 09:20	0.00	0.60	19.90	79.50	-0.11	
GP-11 - 10	7/11/2025 09:24	0.10	0.50	19.70	79.70	-0.24	
GP-11 - 10	7/14/2025 09:21	0.30	0.50	20.00	79.20	-0.34	
GP-11 - 10	7/15/2025 09:22	0.10	0.10	19.90	79.90	-0.29	
GP-11 - 10	7/16/2025 08:07	0.00	0.30	20.50	79.20	-0.39	
GP-11 - 10	7/17/2025 09:10	0.00	0.40	19.80	79.80	-0.30	
GP-11 - 10	7/18/2025 09:36	0.10	0.40	20.30	79.20	-0.32	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-11 - 10	7/21/2025 09:39	0.00	0.80	20.30	78.90	-0.43	
GP-11 - 10	7/22/2025 09:41	0.00	0.30	20.50	79.20	-0.46	
GP-11 - 10	7/23/2025 08:20	0.00	0.30	20.20	79.50	-0.56	
GP-11 - 10	7/23/2025 09:20	0.00	0.40	20.10	79.50	-0.50	
GP-11 - 10	7/24/2025 09:16	0.00	0.30	20.10	79.60	-0.40	
GP-11 - 10	7/25/2025 07:50	0.00	0.30	20.90	78.80	-0.30	
GP-11 - 10	7/28/2025 10:06	0.00	0.70	20.50	78.80	-0.38	
GP-11 - 10	8/8/2025 09:21	0.00	2.50	17.30	80.20	-0.01	
GP-11 - 10	8/14/2025 13:07	0.50	0.10	21.00	78.40	-0.02	
GP-11 - 10	8/19/2025 09:14	0.00	0.50	19.50	80.00	-0.30	
GP-11 - 10	8/19/2025 09:39	0.00	0.60	20.50	78.90	-0.34	
GP-11 - 10	8/29/2025 09:00	0.00	1.10	19.90	79.00	-0.22	
GP-11 - 10	9/4/2025 07:57	0.00	1.00	20.00	79.00	-0.15	
GP-11 - 10	9/12/2025 09:40	0.10	0.70	20.10	79.10	-0.21	
GP-11 - 10	9/15/2025 08:54	0.00	0.80	20.10	79.10	-0.24	
GP-11 - 10	9/16/2025 09:10	0.00	0.30	20.50	79.20	-0.39	
GP-11 - 10	9/17/2025 08:05	0.00	0.30	20.60	79.10	-0.25	
GP-11 - 10	9/18/2025 08:02	0.00	0.60	20.50	78.90	-0.07	
GP-11 - 10	9/19/2025 08:06	0.00	0.30	20.80	78.90	-0.34	
GP-11 - 10	9/22/2025 07:56	0.00	0.60	20.80	78.60	-0.19	
GP-11 - 10	9/23/2025 10:22	0.00	0.60	20.00	79.40	-0.14	
GP-11 - 10	9/24/2025 08:25	0.00	0.70	20.50	78.80	-0.41	
GP-11 - 10	9/25/2025 09:18	0.00	0.20	20.60	79.20	-0.36	
GP-11 - 10	9/26/2025 09:25	0.00	0.60	20.60	78.80	-0.12	
GP-11 - 10	9/29/2025 07:56	0.00	0.20	21.00	78.80	-0.32	
GP-11 - 10	9/30/2025 08:06	0.00	0.10	20.80	79.10	-0.28	Valve Adjustment:Reduced System Vac/Flare Down
GP-11 - 70	7/1/2025 10:12	0.00	6.20	12.50	81.30	-0.51	
GP-11 - 70	7/2/2025 08:43	0.00	6.90	12.30	80.80	-0.85	
GP-11 - 70	7/3/2025 10:08	0.00	5.20	14.30	80.50	-1.02	
GP-11 - 70	7/7/2025 10:16	0.00	5.30	14.50	80.20	-0.90	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-11 - 70	7/8/2025 07:57	0.00	3.90	16.40	79.70	-1.53	
GP-11 - 70	7/9/2025 08:16	0.00	4.10	15.10	80.80	-1.01	
GP-11 - 70	7/10/2025 09:24	0.00	5.80	12.80	81.40	-0.40	
GP-11 - 70	7/11/2025 09:27	0.00	6.60	12.00	81.40	-0.71	
GP-11 - 70	7/14/2025 09:25	0.00	5.60	13.80	80.60	-0.90	
GP-11 - 70	7/15/2025 09:25	0.00	5.60	13.40	81.00	-0.83	
GP-11 - 70	7/16/2025 08:11	0.00	5.60	14.30	80.10	-0.97	
GP-11 - 70	7/17/2025 09:13	0.00	5.30	13.70	81.00	-0.83	
GP-11 - 70	7/18/2025 09:40	0.00	4.50	15.60	79.90	-0.96	
GP-11 - 70	7/21/2025 09:43	0.00	4.90	15.10	80.00	-1.08	
GP-11 - 70	7/22/2025 09:44	0.00	5.00	14.90	80.10	-1.14	
GP-11 - 70	7/23/2025 08:26	0.00	4.00	15.80	80.20	-1.36	
GP-11 - 70	7/23/2025 09:22	0.00	3.70	16.20	80.10	-1.30	
GP-11 - 70	7/24/2025 09:19	0.00	3.50	16.20	80.30	-1.10	Valve Adjustment:Reduced System Vac/Flare Down
GP-11 - 70	7/25/2025 07:54	0.00	5.40	14.30	80.30	-0.71	
GP-11 - 70	7/28/2025 10:10	0.00	3.10	16.80	80.10	-1.03	
GP-11 - 70	8/8/2025 09:24	0.00	9.70	7.90	82.40	-0.12	
GP-11 - 70	8/14/2025 13:14	0.00	9.40	9.10	81.50	0.01	
GP-11 - 70	8/19/2025 09:19	0.00	5.50	13.30	81.20	-0.88	
GP-11 - 70	8/19/2025 09:41	0.00	5.90	14.00	80.10	-0.67	
GP-11 - 70	8/29/2025 09:04	0.00	8.10	11.50	80.40	-0.61	
GP-11 - 70	9/4/2025 08:02	0.00	11.90	7.30	80.80	-0.36	
GP-11 - 70	9/12/2025 09:43	0.00	10.70	8.50	80.80	-0.62	
GP-11 - 70	9/15/2025 08:57	0.00	13.60	5.30	81.10	-0.64	
GP-11 - 70	9/16/2025 09:14	0.00	8.40	11.80	79.80	-1.03	
GP-11 - 70	9/17/2025 08:09	0.00	9.30	10.60	80.10	-0.71	
GP-11 - 70	9/18/2025 08:14	0.00	11.80	7.70	80.50	-0.25	
GP-11 - 70	9/19/2025 08:10	0.00	11.40	8.30	80.30	-0.84	
GP-11 - 70	9/22/2025 08:00	0.00	10.80	9.10	80.10	-0.51	
GP-11 - 70	9/23/2025 10:26	0.00	10.60	8.50	80.90	-0.50	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-11 - 70	9/24/2025 08:29	0.00	6.30	13.90	79.80	-1.05	
GP-11 - 70	9/25/2025 09:22	0.00	5.90	14.30	79.80	-0.96	
GP-11 - 70	9/26/2025 09:29	0.00	9.80	9.60	80.60	-0.42	
GP-11 - 70	9/29/2025 08:00	0.00	7.80	12.40	79.80	-0.81	
GP-11 - 70	9/30/2025 08:11	0.00	7.60	11.80	80.60	-0.78	Valve Adjustment:Reduced System Vac/Flare Down
GP-11 - 141	7/1/2025 10:18	0.00	0.00	20.30	79.70	-0.05	
GP-11 - 141	7/2/2025 08:49	0.00	0.00	20.60	79.40	-0.23	
GP-11 - 141	7/3/2025 10:13	0.00	0.00	20.70	79.30	-0.68	
GP-11 - 141	7/7/2025 10:21	0.00	0.00	21.20	78.80	-0.65	
GP-11 - 141	7/8/2025 08:05	0.00	0.00	21.10	78.90	-1.65	
GP-11 - 141	7/9/2025 08:21	0.00	0.00	20.60	79.40	-1.09	
GP-11 - 141	7/10/2025 09:29	0.00	0.00	20.80	79.20	0.01	
GP-11 - 141	7/11/2025 09:32	0.00	0.00	20.40	79.60	-0.22	
GP-11 - 141	7/14/2025 09:30	0.00	0.00	20.60	79.40	-0.65	
GP-11 - 141	7/15/2025 09:30	0.00	0.00	20.40	79.60	-0.52	
GP-11 - 141	7/16/2025 08:16	0.00	0.00	20.50	79.50	-0.66	
GP-11 - 141	7/17/2025 09:18	0.00	0.00	20.40	79.60	-0.65	
GP-11 - 141	7/18/2025 09:44	0.00	0.00	20.80	79.20	-0.93	
GP-11 - 141	7/21/2025 09:48	0.00	0.00	20.90	79.10	-0.89	
GP-11 - 141	7/22/2025 09:49	0.00	0.00	20.80	79.20	-0.93	
GP-11 - 141	7/23/2025 08:31	0.00	0.00	20.20	79.80	-1.35	
GP-11 - 141	7/23/2025 09:24	0.00	0.00	20.40	79.60	-1.36	
GP-11 - 141	7/24/2025 09:23	0.00	0.00	20.40	79.60	-1.39	Valve Adjustment:Reduced System Vac/Flare Down
GP-11 - 141	7/25/2025 07:58	0.00	0.00	21.20	78.80	-0.56	
GP-11 - 141	7/28/2025 10:21	0.00	2.10	11.10	86.80	-0.92	
GP-11 - 141	8/8/2025 09:29	0.00	0.00	20.80	79.20	0.39	
GP-11 - 141	8/14/2025 13:23	0.00	0.00	20.90	79.10	0.32	
GP-11 - 141	8/19/2025 09:27	0.00	0.40	17.10	82.50	-1.00	
GP-11 - 141	8/19/2025 09:43	0.00	0.00	21.00	79.00	-1.19	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-11 - 141	8/29/2025 09:09	0.00	0.00	20.60	79.40	-0.77	
GP-11 - 141	9/4/2025 08:08	0.00	0.00	20.90	79.10	-0.04	
GP-11 - 141	9/12/2025 09:49	0.00	0.00	20.70	79.30	-0.47	
GP-11 - 141	9/15/2025 09:02	0.00	0.00	20.80	79.20	-0.26	
GP-11 - 141	9/16/2025 09:19	0.00	0.00	20.90	79.10	-1.06	
GP-11 - 141	9/17/2025 08:13	0.00	0.00	21.00	79.00	-0.68	
GP-11 - 141	9/18/2025 08:19	0.00	0.00	21.30	78.70	0.11	
GP-11 - 141	9/19/2025 08:15	0.00	0.00	21.20	78.80	-0.57	
GP-11 - 141	9/22/2025 08:05	0.00	0.00	21.20	78.80	-0.07	
GP-11 - 141	9/23/2025 10:32	0.00	0.00	20.90	79.10	-0.08	
GP-11 - 141	9/24/2025 08:38	0.00	2.40	11.10	86.50	-1.08	
GP-11 - 141	9/25/2025 09:32	0.00	2.20	13.00	84.80	-1.13	
GP-11 - 141	9/26/2025 09:39	0.00	3.60	9.00	87.40	-0.12	
GP-11 - 141	9/29/2025 08:10	0.00	0.30	18.80	80.90	-1.00	
GP-11 - 141	9/30/2025 08:20	0.00	0.00	21.10	78.90	-0.94	Valve Adjustment:Reduced System Vac/Flare Down
GP-11 - 208	7/1/2025 10:28	0.20	3.20	11.40	85.20	-0.27	
GP-11 - 208	7/2/2025 08:57	0.20	3.10	12.20	84.50	-0.51	
GP-11 - 208	7/3/2025 10:21	0.10	2.30	13.40	84.20	-0.81	
GP-11 - 208	7/7/2025 10:32	0.20	2.80	13.20	83.80	-0.80	
GP-11 - 208	7/8/2025 08:12	0.30	3.80	11.00	84.90	-1.64	
GP-11 - 208	7/9/2025 08:31	0.40	2.80	16.60	80.20	-1.16	
GP-11 - 208	7/10/2025 09:38	0.20	3.10	12.00	84.70	-0.27	
GP-11 - 208	7/11/2025 09:41	0.20	3.20	11.50	85.10	-0.44	
GP-11 - 208	7/14/2025 09:39	0.20	3.20	11.50	85.10	-0.77	
GP-11 - 208	7/15/2025 09:40	0.20	3.30	11.50	85.00	-0.70	
GP-11 - 208	7/16/2025 08:25	0.20	3.20	12.00	84.60	-0.84	
GP-11 - 208	7/17/2025 09:27	0.20	3.20	11.70	84.90	-0.73	
GP-11 - 208	7/18/2025 09:54	0.20	3.10	11.80	84.90	-0.96	
GP-11 - 208	7/21/2025 09:57	0.20	2.90	12.70	84.20	-1.05	
GP-11 - 208	7/22/2025 09:58	0.20	3.00	12.20	84.60	-1.14	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-11 - 208	7/23/2025 08:39	0.20	2.90	12.30	84.60	-1.45	
GP-11 - 208	7/23/2025 09:26	0.00	0.60	19.20	80.20	-1.27	
GP-11 - 208	7/24/2025 09:29	0.00	0.00	20.20	79.80	-1.33	Valve Adjustment:Reduced System Vac/Flare Down
GP-11 - 208	7/25/2025 08:05	0.00	0.00	20.80	79.20	-0.72	
GP-11 - 208	7/28/2025 10:28	0.00	0.10	20.60	79.30	-0.92	
GP-11 - 208	8/8/2025 09:34	0.00	0.10	20.50	79.40	0.11	
GP-11 - 208	8/14/2025 13:34	0.00	0.10	19.70	80.20	0.26	
GP-11 - 208	8/19/2025 09:38	0.20	3.80	9.40	86.60	-0.98	
GP-11 - 208	8/19/2025 09:47	0.00	0.30	20.10	79.60	-0.98	
GP-11 - 208	8/29/2025 09:16	0.00	0.50	19.00	80.50	-0.82	
GP-11 - 208	9/4/2025 08:15	0.00	0.30	20.40	79.30	-0.22	
GP-11 - 208	9/12/2025 10:02	0.30	5.20	9.20	85.30	-0.62	
GP-11 - 208	9/15/2025 09:11	0.40	5.10	8.70	85.80	-0.48	
GP-11 - 208	9/16/2025 09:29	0.30	5.10	8.00	86.60	-1.25	
GP-11 - 208	9/17/2025 08:23	0.40	5.30	8.00	86.30	-0.85	
GP-11 - 208	9/18/2025 08:29	0.40	5.50	9.10	85.00	-0.09	
GP-11 - 208	9/19/2025 08:24	0.30	5.10	9.60	85.00	-0.83	
GP-11 - 208	9/22/2025 08:14	0.40	4.90	9.20	85.50	-0.38	
GP-11 - 208	9/23/2025 10:43	0.40	5.70	6.40	87.50	-0.27	
GP-11 - 208	9/24/2025 08:52	0.20	4.60	9.10	86.10	-1.25	
GP-11 - 208	9/25/2025 09:43	0.70	4.50	9.40	85.40	-1.23	
GP-11 - 208	9/26/2025 09:49	0.40	5.20	8.70	85.70	-0.28	
GP-11 - 208	9/29/2025 08:21	1.40	6.90	12.10	79.60	-1.04	
GP-11 - 208	9/30/2025 08:42	0.50	5.30	8.60	85.60	-1.07	Valve Adjustment:Reduced System Vac/Flare Down
GP-12 - 12	7/23/2025 09:07	0.00	0.10	19.30	80.60	0.01	
GP-12 - 12	8/1/2025 09:44	0.00	0.00	20.70	79.30	0.01	
GP-12 - 12	8/19/2025 09:09	0.00	0.10	19.60	80.30	0.24	
GP-12 - 12	9/8/2025 11:15	0.00	0.00	20.80	79.20	0.02	
GP-12 - 38	7/23/2025 09:09	0.00	0.00	19.50	80.50	-0.02	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-12 - 38	8/1/2025 09:47	0.00	0.00	20.80	79.20	0.01	
GP-12 - 38	8/19/2025 09:11	0.00	0.00	19.80	80.20	0.04	
GP-12 - 38	9/8/2025 11:17	0.00	0.00	20.90	79.10	0.02	
GP-12 - 74	7/23/2025 09:11	0.00	0.00	19.70	80.30	0.01	
GP-12 - 74	8/1/2025 09:49	0.00	0.00	20.90	79.10	0.01	
GP-12 - 74	8/19/2025 09:13	0.00	0.10	19.70	80.20	-0.07	
GP-12 - 74	9/8/2025 11:23	0.00	0.00	20.90	79.10	0.02	
GP-12 - 110	7/23/2025 09:13	0.00	0.00	19.90	80.10	-0.03	
GP-12 - 110	8/1/2025 09:53	0.00	0.00	21.10	78.90	0.01	
GP-12 - 110	8/19/2025 09:15	0.00	0.00	20.00	80.00	-0.02	
GP-12 - 110	9/8/2025 11:28	0.00	0.00	21.10	78.90	0.02	
GP-12 - 224	7/23/2025 09:15	0.00	0.00	20.10	79.90	-0.03	
GP-12 - 224	8/1/2025 09:59	0.00	0.00	21.20	78.80	0.01	
GP-12 - 224	8/19/2025 09:17	0.00	0.10	19.90	80.00	0.02	
GP-12 - 224	9/8/2025 11:34	0.00	0.00	21.00	79.00	0.02	
GP-13 - 10	7/1/2025 08:55	0.00	0.80	19.20	80.00	0.00	
GP-13 - 10	7/2/2025 07:16	0.50	0.40	20.10	79.00	0.00	
GP-13 - 10	7/3/2025 09:21	0.10	0.30	20.00	79.60	0.00	
GP-13 - 10	7/7/2025 08:57	0.00	0.10	20.80	79.10	0.01	
GP-13 - 10	7/8/2025 08:21	0.00	0.30	20.30	79.40	0.00	
GP-13 - 10	7/9/2025 07:41	0.00	0.30	20.10	79.60	0.00	
GP-13 - 10	7/10/2025 08:18	0.00	0.90	20.00	79.10	0.00	
GP-13 - 10	7/11/2025 08:23	0.10	0.30	19.80	79.80	0.00	
GP-13 - 10	7/14/2025 08:54	0.10	0.30	19.90	79.70	0.00	
GP-13 - 10	7/15/2025 08:51	0.10	0.40	19.80	79.70	0.01	
GP-13 - 10	7/16/2025 07:34	0.10	0.30	20.70	78.90	-0.01	
GP-13 - 10	7/17/2025 08:36	0.00	0.90	19.80	79.30	0.00	
GP-13 - 10	7/18/2025 08:32	0.00	0.80	20.40	78.80	0.00	
GP-13 - 10	7/21/2025 08:34	0.10	0.30	21.00	78.60	-0.01	
GP-13 - 10	7/22/2025 09:13	0.10	0.30	20.60	79.00	0.00	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 10	7/23/2025 07:10	0.00	0.80	20.40	78.80	0.00	
GP-13 - 10	7/23/2025 08:38	0.00	0.30	19.90	79.80	0.00	
GP-13 - 10	7/24/2025 08:22	0.00	0.90	20.40	78.70	0.00	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 10	7/25/2025 08:19	0.00	0.20	20.30	79.50	0.00	
GP-13 - 10	7/28/2025 08:42	0.10	0.20	20.40	79.30	-0.01	
GP-13 - 10	7/29/2025 08:13	0.00	0.20	20.80	79.00	0.00	
GP-13 - 10	7/30/2025 07:47	0.00	0.30	20.50	79.20	0.00	
GP-13 - 10	7/31/2025 08:42	0.00	1.30	20.00	78.70	0.00	
GP-13 - 10	8/1/2025 08:49	0.00	1.10	19.90	79.00	0.01	
GP-13 - 10	8/4/2025 08:54	0.00	0.80	19.40	79.80	0.00	
GP-13 - 10	8/5/2025 08:45	0.00	1.40	19.50	79.10	0.00	
GP-13 - 10	8/6/2025 08:43	0.00	1.60	19.40	79.00	0.00	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 10	8/7/2025 09:58	2.90	2.80	18.10	76.20	0.01	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 10	8/8/2025 08:16	0.00	1.10	19.20	79.70	0.00	
GP-13 - 10	8/11/2025 09:16	0.00	1.60	19.40	79.00	0.01	
GP-13 - 10	8/12/2025 08:25	0.20	0.80	19.40	79.60	0.00	
GP-13 - 10	8/13/2025 08:29	0.00	0.76	19.65	79.59	0.00	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 10	8/14/2025 10:41	0.00	1.00	18.60	80.40	-0.01	
GP-13 - 10	8/15/2025 09:07	0.10	0.90	19.80	79.20	0.00	
GP-13 - 10	8/18/2025 09:26	0.00	1.50	19.30	79.20	0.01	
GP-13 - 10	8/19/2025 08:48	0.00	1.10	18.10	80.80	-0.03	
GP-13 - 10	8/19/2025 09:46	0.00	0.70	18.50	80.80	0.00	
GP-13 - 10	8/20/2025 09:48	0.10	1.10	19.00	79.80	0.01	
GP-13 - 10	8/21/2025 08:33	0.10	1.40	18.60	79.90	0.01	
GP-13 - 10	8/22/2025 08:46	0.20	1.50	18.80	79.50	0.01	
GP-13 - 10	8/25/2025 09:57	0.10	1.30	18.60	80.00	0.00	
GP-13 - 10	8/26/2025 08:59	0.00	1.42	18.87	79.71	0.00	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 10	8/27/2025 08:33	0.10	0.90	19.30	79.70	0.00	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 10	8/28/2025 09:01	0.20	1.20	19.00	79.60	0.01	
GP-13 - 10	8/29/2025 09:31	0.00	1.00	18.50	80.50	0.00	
GP-13 - 10	9/2/2025 09:08	0.10	1.30	18.60	80.00	0.01	
GP-13 - 10	9/3/2025 08:46	0.00	0.90	19.40	79.70	0.00	
GP-13 - 10	9/4/2025 08:24	0.00	1.10	18.30	80.60	0.00	
GP-13 - 10	9/5/2025 08:27	0.20	1.50	18.20	80.10	0.01	
GP-13 - 10	9/8/2025 10:32	0.10	1.10	18.80	80.00	0.01	
GP-13 - 10	9/9/2025 08:35	0.10	1.60	18.20	80.10	0.01	
GP-13 - 10	9/10/2025 08:31	0.40	1.50	18.80	79.30	0.00	
GP-13 - 10	9/11/2025 10:19	0.10	1.20	18.60	80.10	0.01	
GP-13 - 10	9/12/2025 08:34	0.00	1.60	19.30	79.10	0.00	
GP-13 - 10	9/15/2025 08:25	0.20	1.20	19.00	79.60	0.00	
GP-13 - 10	9/16/2025 08:37	0.10	1.00	19.60	79.30	0.01	
GP-13 - 10	9/17/2025 08:35	0.00	1.00	18.90	80.10	0.01	
GP-13 - 10	9/18/2025 08:37	0.00	1.90	18.80	79.30	0.00	
GP-13 - 10	9/19/2025 08:37	0.10	0.80	19.80	79.30	0.00	
GP-13 - 10	9/22/2025 08:27	0.10	1.30	19.10	79.50	0.00	
GP-13 - 10	9/23/2025 09:50	0.20	1.10	19.00	79.70	0.01	
GP-13 - 10	9/24/2025 08:59	0.00	1.10	19.70	79.20	0.00	
GP-13 - 10	9/25/2025 09:55	0.00	0.60	19.70	79.70	0.01	
GP-13 - 10	9/26/2025 08:53	0.10	1.20	19.80	78.90	0.00	
GP-13 - 10	9/29/2025 08:30	0.00	0.80	19.40	79.80	0.00	
GP-13 - 10	9/30/2025 08:50	0.00	1.10	18.80	80.10	0.00	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 29	7/1/2025 08:57	0.00	3.30	17.70	79.00	-0.07	
GP-13 - 29	7/2/2025 07:18	0.00	3.60	18.60	77.80	-0.09	
GP-13 - 29	7/3/2025 09:24	0.00	2.90	18.40	78.70	-0.08	
GP-13 - 29	7/7/2025 09:00	0.00	0.00	21.10	78.90	0.00	
GP-13 - 29	7/8/2025 08:26	0.00	2.60	19.10	78.30	-0.12	
GP-13 - 29	7/9/2025 07:43	0.00	2.70	18.40	78.90	-0.09	
GP-13 - 29	7/10/2025 08:20	0.00	3.20	18.20	78.60	-0.04	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 29	7/11/2025 08:26	0.00	3.40	18.20	78.40	-0.08	
GP-13 - 29	7/14/2025 08:56	0.00	3.00	18.30	78.70	-0.08	
GP-13 - 29	7/15/2025 08:54	0.00	3.10	18.10	78.80	-0.08	
GP-13 - 29	7/16/2025 07:37	0.00	3.10	18.80	78.10	-0.09	
GP-13 - 29	7/17/2025 08:39	0.00	3.10	18.20	78.70	-0.06	
GP-13 - 29	7/18/2025 08:34	0.00	3.00	19.00	78.00	-0.06	
GP-13 - 29	7/21/2025 08:37	0.00	2.80	19.30	77.90	-0.10	
GP-13 - 29	7/22/2025 09:15	0.00	2.80	18.90	78.30	-0.10	
GP-13 - 29	7/23/2025 07:12	0.00	2.70	19.00	78.30	-0.13	
GP-13 - 29	7/23/2025 08:40	0.00	2.70	18.50	78.80	-0.16	
GP-13 - 29	7/24/2025 08:25	0.00	2.60	18.90	78.50	-0.08	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 29	7/25/2025 08:20	0.00	3.30	18.10	78.60	-0.06	
GP-13 - 29	7/28/2025 08:45	0.00	2.20	18.90	78.90	-0.09	
GP-13 - 29	7/29/2025 08:16	0.00	2.90	18.70	78.40	-0.07	
GP-13 - 29	7/30/2025 07:50	0.00	3.80	18.00	78.20	-0.06	
GP-13 - 29	7/31/2025 08:45	0.00	4.30	17.60	78.10	-0.03	
GP-13 - 29	8/1/2025 08:51	0.00	4.10	17.70	78.20	-0.05	
GP-13 - 29	8/4/2025 08:56	0.00	6.40	12.70	80.90	-0.01	
GP-13 - 29	8/5/2025 08:47	0.00	5.60	16.30	78.10	-0.06	
GP-13 - 29	8/6/2025 08:45	0.00	5.20	16.30	78.50	-0.02	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 29	8/7/2025 10:02	0.00	6.60	12.90	80.50	0.02	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 29	8/8/2025 08:19	0.10	11.40	2.30	86.20	-0.02	
GP-13 - 29	8/11/2025 09:18	0.00	6.00	14.40	79.60	-0.02	
GP-13 - 29	8/12/2025 08:27	0.00	6.20	13.80	80.00	-0.03	
GP-13 - 29	8/13/2025 08:31	0.00	6.05	13.77	80.18	-0.02	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 29	8/14/2025 10:45	0.00	6.00	12.20	81.80	0.00	
GP-13 - 29	8/15/2025 09:09	0.00	6.00	14.10	79.90	-0.04	
GP-13 - 29	8/18/2025 09:28	0.00	5.90	13.40	80.70	-0.02	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 29	8/19/2025 08:50	0.00	5.80	12.50	81.70	-0.08	
GP-13 - 29	8/19/2025 09:48	0.00	4.60	13.70	81.70	-0.04	
GP-13 - 29	8/20/2025 09:50	0.00	6.20	11.70	82.10	-0.01	
GP-13 - 29	8/21/2025 08:36	0.00	8.20	6.50	85.30	0.00	
GP-13 - 29	8/22/2025 08:48	0.30	11.20	2.80	85.70	-0.02	
GP-13 - 29	8/25/2025 10:03	0.00	10.40	3.60	86.00	0.00	
GP-13 - 29	8/26/2025 09:01	0.00	8.97	8.54	82.49	-0.06	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 29	8/27/2025 08:35	0.00	7.00	11.50	81.50	-0.06	
GP-13 - 29	8/28/2025 09:03	0.00	7.30	10.50	82.20	-0.01	
GP-13 - 29	8/29/2025 09:33	0.00	7.70	8.90	83.40	-0.03	
GP-13 - 29	9/2/2025 09:11	0.00	9.60	7.50	82.90	-0.03	
GP-13 - 29	9/3/2025 08:48	0.00	8.60	9.00	82.40	-0.05	
GP-13 - 29	9/4/2025 08:26	0.00	9.90	6.20	83.90	-0.02	
GP-13 - 29	9/5/2025 08:30	0.10	12.10	2.10	85.70	-0.02	
GP-13 - 29	9/8/2025 10:34	0.00	7.40	10.60	82.00	-0.01	
GP-13 - 29	9/9/2025 08:37	0.00	9.50	6.60	83.90	-0.01	
GP-13 - 29	9/10/2025 08:34	0.50	12.20	1.80	85.50	-0.04	
GP-13 - 29	9/11/2025 10:21	0.00	9.00	8.80	82.20	-0.03	
GP-13 - 29	9/12/2025 08:36	0.00	9.70	8.50	81.80	-0.05	
GP-13 - 29	9/15/2025 08:27	0.00	11.20	6.70	82.10	-0.05	
GP-13 - 29	9/16/2025 08:39	0.00	8.80	10.60	80.60	-0.07	
GP-13 - 29	9/17/2025 08:37	0.00	9.20	9.00	81.80	-0.03	
GP-13 - 29	9/18/2025 08:40	0.00	10.60	7.30	82.10	-0.04	
GP-13 - 29	9/19/2025 08:39	0.00	9.80	9.80	80.40	-0.08	
GP-13 - 29	9/22/2025 08:30	0.00	9.60	9.10	81.30	-0.05	
GP-13 - 29	9/23/2025 09:53	0.00	9.40	9.70	80.90	-0.03	
GP-13 - 29	9/24/2025 09:01	0.00	7.40	12.50	80.10	-0.08	
GP-13 - 29	9/25/2025 09:57	0.00	7.20	12.50	80.30	-0.04	
GP-13 - 29	9/26/2025 08:55	0.00	9.20	10.20	80.60	-0.03	
GP-13 - 29	9/29/2025 08:32	0.00	8.90	10.90	80.20	-0.04	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 29	9/30/2025 08:52	0.00	8.70	10.50	80.80	-0.05	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 58	7/1/2025 09:01	25.20	12.30	0.00	62.50	-0.14	
GP-13 - 58	7/2/2025 07:22	26.00	12.10	0.10	61.80	-0.26	
GP-13 - 58	7/3/2025 09:28	21.80	12.00	0.10	66.10	-0.63	
GP-13 - 58	7/7/2025 09:11	17.10	13.50	0.10	69.30	0.00	
GP-13 - 58	7/8/2025 08:30	6.50	16.70	0.00	76.80	-1.17	
GP-13 - 58	7/9/2025 07:47	7.70	15.90	0.10	76.30	-0.58	
GP-13 - 58	7/10/2025 08:25	17.90	13.40	0.10	68.60	0.07	
GP-13 - 58	7/11/2025 08:30	23.50	12.40	0.10	64.00	-0.33	
GP-13 - 58	7/14/2025 09:00	15.30	13.10	0.10	71.50	-0.48	
GP-13 - 58	7/15/2025 08:58	21.90	12.10	0.10	65.90	-0.41	
GP-13 - 58	7/16/2025 07:41	21.00	12.30	0.10	66.60	-0.53	
GP-13 - 58	7/17/2025 08:43	20.20	11.90	0.10	67.80	-0.47	
GP-13 - 58	7/18/2025 08:38	14.20	13.30	0.10	72.40	-0.75	
GP-13 - 58	7/21/2025 08:41	13.90	13.40	0.10	72.60	-0.66	
GP-13 - 58	7/22/2025 09:18	13.40	13.10	0.10	73.40	-0.71	
GP-13 - 58	7/23/2025 07:15	6.80	15.40	0.00	77.80	-0.86	
GP-13 - 58	7/23/2025 08:48	5.40	15.30	0.60	78.70	-0.98	
GP-13 - 58	7/24/2025 08:28	3.70	16.20	0.10	80.00	-0.88	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 58	7/25/2025 08:24	7.00	15.00	0.00	78.00	-0.21	
GP-13 - 58	7/28/2025 08:51	12.90	11.90	1.20	74.00	-0.72	
GP-13 - 58	7/29/2025 08:19	6.30	15.20	0.20	78.30	-0.76	
GP-13 - 58	7/30/2025 07:53	11.60	13.70	0.10	74.60	-0.34	
GP-13 - 58	7/31/2025 08:48	22.40	11.60	0.00	66.00	-0.22	
GP-13 - 58	8/1/2025 08:54	11.50	13.90	0.10	74.50	-0.64	
GP-13 - 58	8/4/2025 08:59	32.00	11.60	0.10	56.30	0.22	
GP-13 - 58	8/5/2025 08:50	31.70	11.80	0.10	56.40	-0.34	
GP-13 - 58	8/6/2025 08:49	15.10	13.50	0.00	71.40	-0.37	Valve Adjustment:Reduced System Vac/Flare Down

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 58	8/7/2025 10:07	15.90	13.00	0.00	71.10	0.15	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 58	8/8/2025 08:22	34.30	11.60	0.00	54.10	0.32	
GP-13 - 58	8/11/2025 09:22	28.60	11.70	0.00	59.70	-0.05	
GP-13 - 58	8/12/2025 08:31	33.30	11.40	0.10	55.20	0.05	
GP-13 - 58	8/13/2025 08:34	30.68	11.65	0.19	57.48	-0.13	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 58	8/14/2025 10:53	33.10	11.10	0.00	55.80	-0.02	
GP-13 - 58	8/15/2025 09:12	33.60	11.70	0.10	54.60	-0.34	
GP-13 - 58	8/18/2025 09:31	24.20	11.80	0.00	64.00	-0.09	
GP-13 - 58	8/19/2025 08:55	17.70	12.50	0.50	69.30	-0.56	
GP-13 - 58	8/19/2025 09:52	14.70	12.60	0.50	72.20	-0.54	
GP-13 - 58	8/20/2025 09:54	19.20	12.50	0.00	68.30	0.05	
GP-13 - 58	8/21/2025 08:39	35.50	11.50	0.00	53.00	0.30	
GP-13 - 58	8/22/2025 08:52	37.80	12.10	0.10	50.00	0.16	
GP-13 - 58	8/25/2025 10:08	33.40	10.90	0.10	55.60	0.00	
GP-13 - 58	8/26/2025 09:05	24.25	12.34	0.04	63.37	-0.51	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 58	8/27/2025 08:38	13.20	14.70	0.00	72.10	-0.82	
GP-13 - 58	8/28/2025 09:07	13.10	14.60	0.00	72.30	-0.32	
GP-13 - 58	8/29/2025 09:36	15.50	13.40	0.00	71.10	-0.19	
GP-13 - 58	9/2/2025 09:14	33.50	11.60	0.00	54.90	-0.16	
GP-13 - 58	9/3/2025 08:52	29.90	11.60	0.00	58.50	-0.29	
GP-13 - 58	9/4/2025 08:30	33.90	11.50	0.00	54.60	0.20	
GP-13 - 58	9/5/2025 08:33	39.50	12.20	0.00	48.30	0.21	
GP-13 - 58	9/8/2025 10:38	13.90	14.00	0.00	72.10	-0.35	
GP-13 - 58	9/9/2025 08:40	24.90	12.40	0.00	62.70	0.25	
GP-13 - 58	9/10/2025 08:38	35.80	12.30	0.00	51.90	0.02	
GP-13 - 58	9/11/2025 10:25	28.50	12.00	0.00	59.50	-0.19	
GP-13 - 58	9/12/2025 08:40	30.40	11.70	0.00	57.90	-0.25	
GP-13 - 58	9/15/2025 08:30	38.90	11.70	0.00	49.40	-0.18	
GP-13 - 58	9/16/2025 08:42	23.20	12.50	0.00	64.30	-0.66	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 58	9/17/2025 08:41	21.60	12.70	0.00	65.70	-0.21	
GP-13 - 58	9/18/2025 08:43	35.20	11.40	0.00	53.40	0.16	
GP-13 - 58	9/19/2025 08:43	36.70	11.60	0.00	51.70	-0.44	
GP-13 - 58	9/22/2025 08:34	34.00	11.10	0.00	54.90	0.02	
GP-13 - 58	9/23/2025 09:56	37.20	11.50	0.00	51.30	-0.08	
GP-13 - 58	9/24/2025 09:05	18.00	12.90	0.30	68.80	-0.72	
GP-13 - 58	9/25/2025 10:01	14.90	13.50	0.00	71.60	-0.51	
GP-13 - 58	9/26/2025 08:59	26.30	11.90	0.00	61.80	0.08	
GP-13 - 58	9/29/2025 08:36	16.00	14.00	0.00	70.00	-0.38	
GP-13 - 58	9/30/2025 08:57	19.00	12.70	0.00	68.30	-0.59	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 87	7/1/2025 09:07	4.70	9.20	2.50	83.60	-0.75	
GP-13 - 87	7/2/2025 07:29	4.40	9.20	2.50	83.90	-1.33	
GP-13 - 87	7/3/2025 09:33	4.40	9.20	2.30	84.10	-1.39	
GP-13 - 87	7/7/2025 09:16	5.00	9.10	2.60	83.30	-0.82	
GP-13 - 87	7/8/2025 08:39	10.10	9.90	1.70	78.30	-1.66	
GP-13 - 87	7/9/2025 07:53	8.60	9.40	2.50	79.50	-1.23	
GP-13 - 87	7/10/2025 08:29	5.30	8.90	2.90	82.90	-0.39	
GP-13 - 87	7/11/2025 08:35	4.80	9.30	2.20	83.70	-0.94	
GP-13 - 87	7/14/2025 09:05	4.90	9.00	2.30	83.80	-1.15	
GP-13 - 87	7/15/2025 09:03	4.50	9.10	2.20	84.20	-1.07	
GP-13 - 87	7/16/2025 07:46	4.40	9.50	2.10	84.00	-1.20	
GP-13 - 87	7/17/2025 08:48	4.50	9.10	2.00	84.40	-1.18	
GP-13 - 87	7/18/2025 08:43	5.10	9.50	1.90	83.50	-1.52	
GP-13 - 87	7/21/2025 08:45	5.10	9.50	2.20	83.20	-1.36	
GP-13 - 87	7/22/2025 09:22	4.80	9.40	1.90	83.90	-1.31	
GP-13 - 87	7/23/2025 07:20	6.80	9.90	1.80	81.50	-1.44	
GP-13 - 87	7/23/2025 08:56	7.70	9.60	2.00	80.70	-1.24	
GP-13 - 87	7/24/2025 08:32	14.50	10.20	1.60	73.70	-1.47	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 87	7/25/2025 08:28	8.20	9.90	1.90	80.00	-0.57	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 87	7/28/2025 09:00	4.80	8.50	2.70	84.00	-0.95	
GP-13 - 87	7/29/2025 08:23	13.40	10.20	1.40	75.00	-1.43	
GP-13 - 87	7/30/2025 07:57	9.30	10.10	1.50	79.10	-0.85	
GP-13 - 87	7/31/2025 08:52	7.30	9.80	1.20	81.70	-0.73	
GP-13 - 87	8/1/2025 08:59	18.80	10.80	0.90	69.50	-1.36	
GP-13 - 87	8/4/2025 09:03	6.40	9.90	0.90	82.80	-0.20	
GP-13 - 87	8/5/2025 08:54	6.20	10.10	0.60	83.10	-0.99	
GP-13 - 87	8/6/2025 08:53	20.50	11.00	0.60	67.90	-1.02	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 87	8/7/2025 10:12	21.80	10.60	0.40	67.20	-0.14	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 87	8/8/2025 08:26	8.10	10.50	0.60	80.80	-0.11	
GP-13 - 87	8/11/2025 09:25	16.00	10.80	0.40	72.80	-0.65	
GP-13 - 87	8/12/2025 08:35	9.40	10.60	0.40	79.60	-0.49	
GP-13 - 87	8/13/2025 08:40	12.81	9.97	0.81	76.41	-0.57	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 87	8/14/2025 11:01	14.80	9.60	0.40	75.20	-0.10	
GP-13 - 87	8/15/2025 09:16	13.20	10.80	0.30	75.70	-1.00	
GP-13 - 87	8/18/2025 09:35	13.10	10.70	0.40	75.80	-0.70	
GP-13 - 87	8/19/2025 09:00	19.30	11.10	0.80	68.80	-1.06	
GP-13 - 87	8/19/2025 09:59	19.40	10.20	0.80	69.60	-1.11	
GP-13 - 87	8/20/2025 09:58	17.20	10.80	0.40	71.60	-0.37	
GP-13 - 87	8/21/2025 08:43	9.30	10.50	0.40	79.80	-0.15	
GP-13 - 87	8/22/2025 08:56	7.50	10.50	0.20	81.80	-0.45	
GP-13 - 87	8/25/2025 10:15	15.20	10.30	0.30	74.20	-0.26	
GP-13 - 87	8/26/2025 09:09	22.04	11.55	0.20	66.21	-1.17	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 87	8/27/2025 08:43	25.50	11.80	0.20	62.50	-1.50	
GP-13 - 87	8/28/2025 09:12	21.80	11.60	0.40	66.20	-0.76	
GP-13 - 87	8/29/2025 09:40	19.00	11.00	0.40	69.60	-0.69	
GP-13 - 87	9/2/2025 09:18	15.90	10.80	0.20	73.10	-0.71	
GP-13 - 87	9/3/2025 08:56	18.30	11.00	0.20	70.50	-0.88	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 87	9/4/2025 08:35	12.80	10.90	0.30	76.00	-0.18	
GP-13 - 87	9/5/2025 08:38	7.90	10.60	0.10	81.40	-0.27	
GP-13 - 87	9/8/2025 10:43	19.90	11.10	0.30	68.70	-0.93	
GP-13 - 87	9/9/2025 08:45	10.40	10.70	0.30	78.60	-0.09	
GP-13 - 87	9/10/2025 08:43	8.20	10.80	0.20	80.80	-0.48	
GP-13 - 87	9/11/2025 10:29	16.00	10.60	0.20	73.20	-0.77	
GP-13 - 87	9/12/2025 08:44	13.40	10.80	0.20	75.60	-0.77	
GP-13 - 87	9/15/2025 08:34	8.10	10.50	0.10	81.30	-0.80	
GP-13 - 87	9/16/2025 08:47	20.90	11.10	0.20	67.80	-1.37	
GP-13 - 87	9/17/2025 08:46	17.90	11.00	0.20	70.90	-0.74	
GP-13 - 87	9/18/2025 08:48	9.60	10.60	0.30	79.50	-0.28	
GP-13 - 87	9/19/2025 08:47	11.40	10.80	0.20	77.60	-1.05	
GP-13 - 87	9/22/2025 08:39	9.10	10.50	0.30	80.10	-0.46	
GP-13 - 87	9/23/2025 10:00	7.70	10.10	0.20	82.00	-0.58	
GP-13 - 87	9/24/2025 09:11	20.80	10.90	0.40	67.90	-1.29	
GP-13 - 87	9/25/2025 10:06	20.40	10.80	0.20	68.60	-1.01	
GP-13 - 87	9/26/2025 09:04	10.10	10.70	0.30	78.90	-0.33	
GP-13 - 87	9/29/2025 08:40	19.70	11.20	0.30	68.80	-1.00	
GP-13 - 87	9/30/2025 09:03	18.60	11.00	0.00	70.40	-1.07	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 173	7/1/2025 09:15	9.90	3.30	3.40	83.40	0.28	
GP-13 - 173	7/2/2025 07:36	10.30	3.30	5.00	81.40	0.25	
GP-13 - 173	7/3/2025 09:41	7.70	2.60	6.30	83.40	-0.21	
GP-13 - 173	7/7/2025 09:25	1.80	1.30	8.40	88.50	-0.33	
GP-13 - 173	7/8/2025 08:54	0.30	0.50	17.00	82.20	-1.48	
GP-13 - 173	7/9/2025 08:01	0.10	0.40	17.80	81.70	-0.84	
GP-13 - 173	7/10/2025 08:37	3.30	2.20	5.40	89.10	0.33	
GP-13 - 173	7/11/2025 08:42	8.40	2.70	6.20	82.70	0.19	
GP-13 - 173	7/14/2025 09:12	2.20	3.10	5.10	89.60	-0.38	
GP-13 - 173	7/15/2025 09:11	8.70	3.20	3.90	84.20	-0.07	
GP-13 - 173	7/16/2025 07:54	8.10	3.00	5.80	83.10	-0.26	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 173	7/17/2025 08:55	8.30	2.60	7.10	82.00	-0.23	
GP-13 - 173	7/18/2025 08:51	10.40	3.10	6.30	80.20	-0.70	
GP-13 - 173	7/21/2025 08:54	0.40	3.00	7.70	88.90	-0.59	
GP-13 - 173	7/22/2025 09:30	3.90	3.40	4.80	87.90	-0.60	
GP-13 - 173	7/23/2025 07:28	0.30	0.20	19.40	80.10	-0.95	
GP-13 - 173	7/23/2025 09:01	0.00	0.00	19.30	80.70	-0.91	
GP-13 - 173	7/24/2025 08:37	0.00	0.00	20.90	79.10	-1.29	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 173	7/25/2025 08:33	0.10	0.00	20.70	79.20	-0.29	
GP-13 - 173	7/28/2025 09:13	8.00	2.80	4.90	84.30	-0.61	
GP-13 - 173	7/29/2025 08:28	0.00	0.00	21.10	78.90	-0.93	
GP-13 - 173	7/30/2025 08:02	0.00	0.00	21.10	78.90	-0.31	
GP-13 - 173	7/31/2025 08:57	0.10	0.00	21.10	78.80	0.03	
GP-13 - 173	8/1/2025 09:04	0.10	0.00	20.60	79.30	-0.84	
GP-13 - 173	8/4/2025 09:08	0.10	0.00	20.70	79.20	0.65	
GP-13 - 173	8/5/2025 08:59	0.10	0.00	20.70	79.20	0.03	
GP-13 - 173	8/6/2025 08:58	0.10	0.10	20.80	79.00	-0.51	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 173	8/7/2025 10:20	6.70	1.90	9.00	82.40	0.16	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 173	8/8/2025 08:32	0.10	0.00	20.90	79.00	0.72	
GP-13 - 173	8/11/2025 09:31	0.10	0.00	20.80	79.10	0.05	
GP-13 - 173	8/12/2025 08:40	0.10	0.00	20.90	79.00	0.33	
GP-13 - 173	8/13/2025 08:44	0.04	0.02	20.27	79.67	0.03	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 173	8/14/2025 11:12	11.80	3.10	4.00	81.10	0.30	
GP-13 - 173	8/15/2025 09:22	0.10	0.00	20.90	79.00	-0.13	
GP-13 - 173	8/18/2025 09:40	0.00	0.00	20.90	79.10	-0.19	
GP-13 - 173	8/19/2025 09:04	0.00	0.10	19.60	80.30	-0.74	
GP-13 - 173	8/19/2025 10:17	4.90	2.10	7.30	85.70	-0.78	
GP-13 - 173	8/20/2025 10:09	4.30	2.10	8.00	85.60	-0.11	
GP-13 - 173	8/21/2025 08:52	13.30	4.00	2.60	80.10	0.61	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-13 - 173	8/22/2025 09:05	13.40	3.80	3.40	79.40	0.65	
GP-13 - 173	8/25/2025 10:33	9.30	2.70	5.10	82.90	0.22	
GP-13 - 173	8/26/2025 09:16	0.02	0.01	20.28	79.69	-0.57	Valve Adjustment:Reduced System Vac/Flare Down
GP-13 - 173	8/27/2025 08:52	0.00	0.00	21.10	78.90	-1.35	
GP-13 - 173	8/28/2025 09:19	0.00	0.00	21.10	78.90	-0.92	
GP-13 - 173	8/29/2025 09:47	0.00	0.00	20.60	79.40	-0.54	
GP-13 - 173	9/2/2025 09:25	0.10	0.00	20.60	79.30	0.01	
GP-13 - 173	9/3/2025 09:05	10.80	3.20	5.80	80.20	-0.23	
GP-13 - 173	9/4/2025 08:44	12.30	3.80	2.60	81.30	0.43	
GP-13 - 173	9/5/2025 08:46	13.70	3.80	3.30	79.20	0.76	
GP-13 - 173	9/8/2025 11:05	0.20	0.40	17.90	81.50	-0.97	
GP-13 - 173	9/9/2025 08:56	2.20	2.30	5.70	89.80	0.24	
GP-13 - 173	9/10/2025 08:52	10.60	3.40	4.20	81.80	0.47	
GP-13 - 173	9/11/2025 10:38	10.70	3.00	5.80	80.50	-0.10	
GP-13 - 173	9/12/2025 08:54	10.50	3.30	4.80	81.40	-0.08	
GP-13 - 173	9/15/2025 08:44	11.80	3.40	4.00	80.80	0.22	
GP-13 - 173	9/16/2025 08:56	11.40	3.10	6.30	79.20	-0.71	
GP-13 - 173	9/17/2025 08:55	8.80	2.60	5.90	82.70	-0.29	
GP-13 - 173	9/18/2025 08:55	11.80	3.60	4.50	80.10	0.44	
GP-13 - 173	9/19/2025 08:54	11.20	3.20	5.40	80.20	-0.21	
GP-13 - 173	9/22/2025 08:49	8.90	3.80	3.30	84.00	0.26	
GP-13 - 173	9/23/2025 10:09	13.90	3.60	4.30	78.20	0.33	
GP-13 - 173	9/24/2025 09:28	5.20	1.70	11.40	81.70	-0.82	
GP-13 - 173	9/25/2025 10:16	0.00	0.00	21.20	78.80	-0.75	
GP-13 - 173	9/26/2025 09:13	4.70	3.70	4.40	87.20	0.19	
GP-13 - 173	9/29/2025 08:52	0.20	0.40	17.70	81.70	-0.73	
GP-13 - 173	9/30/2025 09:22	0.20	0.70	15.70	83.40	-0.83	Valve Adjustment:Reduced System Vac/Flare Down
GP-14 - 10	7/1/2025 08:25	0.00	0.00	20.30	79.70	-0.05	
GP-14 - 10	7/2/2025 08:09	0.00	0.00	21.30	78.70	-0.06	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-14 - 10	7/3/2025 08:17	0.00	0.00	21.20	78.80	-0.06	
GP-14 - 10	7/7/2025 08:32	0.00	0.00	20.80	79.20	-0.05	
GP-14 - 10	7/8/2025 09:47	0.00	0.00	20.40	79.60	-0.04	
GP-14 - 10	7/9/2025 06:40	0.00	0.00	21.30	78.70	-0.05	
GP-14 - 10	7/10/2025 07:51	0.00	0.00	20.90	79.10	-0.04	
GP-14 - 10	7/11/2025 07:56	0.00	0.00	21.10	78.90	-0.05	
GP-14 - 10	7/14/2025 07:57	0.00	0.00	21.20	78.80	-0.05	
GP-14 - 10	7/15/2025 07:51	0.00	0.00	21.10	78.90	-0.05	
GP-14 - 10	7/16/2025 06:35	0.00	0.00	21.20	78.80	-0.05	
GP-14 - 10	7/17/2025 08:09	0.00	0.00	21.20	78.80	-0.03	
GP-14 - 10	7/18/2025 08:08	0.00	0.00	21.10	78.90	-0.03	
GP-14 - 10	7/21/2025 09:02	0.00	0.00	21.20	78.80	-0.05	
GP-14 - 10	7/22/2025 08:16	0.00	0.00	21.30	78.70	-0.05	
GP-14 - 10	7/23/2025 06:41	0.00	0.00	21.10	78.90	0.47	
GP-14 - 10	7/23/2025 08:21	0.00	0.00	20.70	79.30	-0.14	
GP-14 - 10	7/24/2025 07:59	0.00	0.00	21.10	78.90	-0.03	Valve Adjustment:Reduced System Vac/Flare Down
GP-14 - 10	7/25/2025 09:11	0.00	0.00	20.20	79.80	-0.04	
GP-14 - 10	7/28/2025 11:18	0.00	0.00	21.10	78.90	-0.04	
GP-14 - 10	8/8/2025 07:54	0.00	0.00	21.10	78.90	-0.02	
GP-14 - 10	8/11/2025 10:15	0.00	0.00	21.00	79.00	-0.01	
GP-14 - 10	8/14/2025 09:43	0.00	0.40	20.50	79.10	-0.03	
GP-14 - 10	8/19/2025 08:02	0.00	0.10	21.10	78.80	-0.12	
GP-14 - 10	8/19/2025 11:04	3.40	1.50	20.10	75.00	-0.02	
GP-14 - 10	8/20/2025 08:46	0.00	0.50	20.80	78.70	-0.03	
GP-14 - 10	8/21/2025 09:05	0.00	0.00	20.80	79.20	-0.02	
GP-14 - 10	8/22/2025 09:15	0.00	0.00	21.10	78.90	-0.02	
GP-14 - 10	8/27/2025 08:59	0.00	0.00	20.90	79.10	-0.02	
GP-14 - 10	8/28/2025 09:38	0.00	0.00	20.70	79.30	-0.02	
GP-14 - 10	8/29/2025 10:32	0.00	0.10	20.60	79.30	0.01	
GP-14 - 10	9/4/2025 09:51	0.00	0.00	21.00	79.00	-0.01	



Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-14 - 10	9/5/2025 09:08	0.00	0.00	21.00	79.00	-0.02	
GP-14 - 10	9/8/2025 09:11	0.00	0.50	20.40	79.10	-0.02	
GP-14 - 10	9/12/2025 08:03	0.00	0.00	21.30	78.70	-0.03	
GP-14 - 10	9/19/2025 09:07	0.00	0.00	21.20	78.80	-0.04	
GP-14 - 10	9/23/2025 08:44	0.00	0.50	20.70	78.80	-0.03	
GP-14 - 23	7/1/2025 08:28	0.00	0.00	20.20	79.80	-0.20	
GP-14 - 23	7/2/2025 08:11	0.00	0.00	21.40	78.60	-0.20	
GP-14 - 23	7/3/2025 08:19	0.00	0.00	20.90	79.10	-0.21	
GP-14 - 23	7/7/2025 08:34	0.00	0.00	20.80	79.20	-0.21	
GP-14 - 23	7/8/2025 09:50	0.00	0.00	20.40	79.60	-0.17	
GP-14 - 23	7/9/2025 06:42	0.00	0.00	20.90	79.10	-0.18	
GP-14 - 23	7/10/2025 07:53	0.00	0.00	20.80	79.20	-0.16	
GP-14 - 23	7/11/2025 07:59	0.00	0.00	20.90	79.10	-0.19	
GP-14 - 23	7/14/2025 08:00	0.00	0.00	20.90	79.10	-0.18	
GP-14 - 23	7/15/2025 07:53	0.00	0.00	20.90	79.10	-0.20	
GP-14 - 23	7/16/2025 06:37	0.00	0.00	20.90	79.10	-0.18	
GP-14 - 23	7/17/2025 08:11	0.00	0.00	20.90	79.10	-0.12	
GP-14 - 23	7/18/2025 08:10	0.00	0.00	20.90	79.10	-0.12	
GP-14 - 23	7/21/2025 09:04	0.00	0.00	21.20	78.80	-0.19	
GP-14 - 23	7/22/2025 08:17	0.00	0.00	20.90	79.10	-0.20	
GP-14 - 23	7/23/2025 06:43	0.00	0.00	21.00	79.00	-0.21	
GP-14 - 23	7/23/2025 08:23	0.00	0.10	20.60	79.30	-0.25	
GP-14 - 23	7/24/2025 08:01	0.00	0.00	21.00	79.00	-0.14	
GP-14 - 23	7/25/2025 09:13	0.00	0.00	20.20	79.80	-0.17	
GP-14 - 23	7/28/2025 11:21	0.00	0.00	21.10	78.90	-0.16	
GP-14 - 23	8/8/2025 07:56	0.00	0.00	21.00	79.00	-0.08	
GP-14 - 23	8/11/2025 10:16	0.00	0.00	21.00	79.00	-0.08	
GP-14 - 23	8/14/2025 09:46	0.00	0.00	20.60	79.40	-0.10	
GP-14 - 23	8/19/2025 08:04	0.00	0.10	21.00	78.90	-0.18	
GP-14 - 23	8/19/2025 11:10	0.00	0.00	20.30	79.70	-0.09	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-14 - 23	8/20/2025 08:48	0.00	0.00	21.00	79.00	-0.10	
GP-14 - 23	8/21/2025 09:06	0.00	0.00	20.80	79.20	-0.08	
GP-14 - 23	8/22/2025 09:17	0.00	0.00	21.00	79.00	-0.08	
GP-14 - 23	8/27/2025 09:01	0.00	0.00	20.90	79.10	-0.09	
GP-14 - 23	8/28/2025 09:39	0.00	0.00	20.60	79.40	-0.09	
GP-14 - 23	8/29/2025 10:34	0.00	0.00	20.50	79.50	-0.01	
GP-14 - 23	9/4/2025 09:53	0.00	0.00	21.00	79.00	-0.09	
GP-14 - 23	9/5/2025 09:10	0.00	0.00	21.00	79.00	-0.10	
GP-14 - 23	9/8/2025 09:14	0.00	0.00	20.60	79.40	-0.11	
GP-14 - 23	9/12/2025 08:05	0.00	0.00	21.30	78.70	-0.12	
GP-14 - 23	9/19/2025 09:08	0.00	0.00	21.20	78.80	-0.14	
GP-14 - 23	9/23/2025 08:45	0.00	0.00	20.90	79.10	-0.12	
GP-14 - 44	7/1/2025 08:31	0.00	1.40	18.10	80.50	-0.19	
GP-14 - 44	7/2/2025 08:14	0.00	1.30	19.10	79.60	-0.20	
GP-14 - 44	7/3/2025 08:22	0.00	1.40	18.60	80.00	-0.23	
GP-14 - 44	7/7/2025 08:37	0.00	1.50	18.40	80.10	-0.22	
GP-14 - 44	7/8/2025 09:54	0.00	1.40	18.60	80.00	-0.17	
GP-14 - 44	7/9/2025 06:45	0.00	1.40	18.90	79.70	-0.19	
GP-14 - 44	7/10/2025 07:56	0.00	1.40	18.40	80.20	-0.16	
GP-14 - 44	7/11/2025 08:02	0.00	1.50	18.30	80.20	-0.20	
GP-14 - 44	7/14/2025 08:03	0.00	1.40	18.60	80.00	-0.20	
GP-14 - 44	7/15/2025 07:56	0.00	1.50	18.50	80.00	-0.21	
GP-14 - 44	7/16/2025 06:40	0.00	1.40	18.70	79.90	-0.19	
GP-14 - 44	7/17/2025 08:14	0.00	1.50	18.50	80.00	-0.15	
GP-14 - 44	7/18/2025 08:13	0.00	1.50	19.30	79.20	-0.14	
GP-14 - 44	7/21/2025 09:07	0.00	1.50	18.60	79.90	-0.20	
GP-14 - 44	7/22/2025 08:21	0.00	1.40	18.60	80.00	-0.22	
GP-14 - 44	7/23/2025 06:46	0.00	1.40	18.90	79.70	-0.22	
GP-14 - 44	7/23/2025 08:25	0.00	1.80	18.50	79.70	-0.23	
GP-14 - 44	7/24/2025 08:04	0.00	1.50	18.90	79.60	-0.16	Valve Adjustment:Reduced System Vac/Flare Down

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-14 - 44	7/25/2025 09:15	0.00	1.40	18.20	80.40	-0.17	
GP-14 - 44	7/28/2025 11:26	0.00	1.00	19.00	80.00	-0.15	
GP-14 - 44	8/8/2025 07:58	0.00	1.90	16.20	81.90	-0.09	
GP-14 - 44	8/11/2025 10:19	0.00	1.30	18.50	80.20	-0.08	
GP-14 - 44	8/14/2025 09:49	0.00	1.30	17.80	80.90	-0.09	
GP-14 - 44	8/19/2025 08:06	0.00	1.80	18.10	80.10	-0.24	
GP-14 - 44	8/19/2025 11:14	0.00	1.20	18.20	80.60	-0.09	
GP-14 - 44	8/20/2025 08:51	0.00	1.50	18.60	79.90	-0.10	
GP-14 - 44	8/21/2025 09:09	0.00	1.50	17.80	80.70	-0.08	
GP-14 - 44	8/22/2025 09:19	0.00	1.60	17.50	80.90	-0.08	
GP-14 - 44	8/27/2025 09:04	0.00	1.30	19.10	79.60	-0.10	
GP-14 - 44	8/28/2025 09:42	0.00	1.40	18.40	80.20	-0.08	
GP-14 - 44	8/29/2025 10:36	0.00	1.30	18.20	80.50	-0.02	
GP-14 - 44	9/4/2025 09:56	0.00	1.40	18.10	80.50	-0.08	
GP-14 - 44	9/5/2025 09:13	0.00	1.60	17.60	80.80	-0.10	
GP-14 - 44	9/8/2025 09:16	0.00	1.50	18.30	80.20	-0.12	
GP-14 - 44	9/12/2025 08:08	0.00	1.60	18.40	80.00	-0.14	
GP-14 - 44	9/19/2025 09:11	0.00	1.60	18.80	79.60	-0.16	
GP-14 - 44	9/23/2025 08:48	0.00	1.60	17.90	80.50	-0.12	
GP-14 - 67	7/1/2025 08:34	0.00	3.50	12.40	84.10	-0.40	
GP-14 - 67	7/2/2025 08:18	0.00	3.30	12.40	84.30	-0.48	
GP-14 - 67	7/3/2025 08:26	0.00	3.30	14.10	82.60	-0.62	
GP-14 - 67	7/7/2025 08:40	0.00	3.50	12.80	83.70	-0.56	
GP-14 - 67	7/8/2025 09:58	0.00	2.40	15.40	82.20	-0.57	
GP-14 - 67	7/9/2025 06:48	0.00	3.00	12.70	84.30	-0.40	
GP-14 - 67	7/10/2025 07:59	0.00	4.30	9.90	85.80	-0.27	
GP-14 - 67	7/11/2025 08:05	0.00	3.90	11.90	84.20	-0.52	
GP-14 - 67	7/14/2025 08:06	0.00	3.40	12.60	84.00	-0.51	
GP-14 - 67	7/15/2025 07:59	0.00	3.50	12.60	83.90	-0.52	
GP-14 - 67	7/16/2025 06:43	0.00	3.40	13.20	83.40	-0.47	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-14 - 67	7/17/2025 08:17	0.00	3.30	12.80	83.90	-0.43	
GP-14 - 67	7/18/2025 08:16	0.00	3.20	15.00	81.80	-0.57	
GP-14 - 67	7/21/2025 09:11	0.00	3.20	13.80	83.00	-0.54	
GP-14 - 67	7/22/2025 08:24	0.00	3.20	12.80	84.00	-0.56	
GP-14 - 67	7/23/2025 06:50	0.00	3.00	14.10	82.90	-0.57	
GP-14 - 67	7/23/2025 08:27	0.00	3.10	14.00	82.90	-0.95	
GP-14 - 67	7/24/2025 08:08	0.00	2.90	14.70	82.40	-0.50	Valve Adjustment:Reduced System Vac/Flare Down
GP-14 - 67	7/25/2025 09:18	0.00	3.50	10.60	85.90	-0.25	
GP-14 - 67	7/28/2025 11:32	0.00	2.30	14.50	83.20	-0.34	
GP-14 - 67	8/8/2025 08:01	2.70	7.10	5.60	84.60	-0.14	
GP-14 - 67	8/11/2025 10:22	0.00	4.40	10.20	85.40	-0.15	
GP-14 - 67	8/14/2025 09:53	0.00	4.40	9.50	86.10	-0.22	
GP-14 - 67	8/19/2025 08:08	0.00	4.60	10.50	84.90	-0.58	
GP-14 - 67	8/19/2025 11:19	0.00	3.00	13.00	84.00	-0.24	
GP-14 - 67	8/20/2025 08:55	0.00	4.40	9.90	85.70	-0.20	
GP-14 - 67	8/21/2025 09:13	0.20	7.00	5.20	87.60	-0.09	
GP-14 - 67	8/22/2025 09:22	0.00	6.20	7.40	86.40	-0.24	
GP-14 - 67	8/27/2025 09:07	0.00	3.30	14.00	82.70	-0.44	
GP-14 - 67	8/28/2025 09:45	0.00	3.60	11.80	84.60	-0.17	
GP-14 - 67	8/29/2025 10:39	0.00	3.90	10.00	86.10	-0.08	
GP-14 - 67	9/4/2025 10:02	0.30	6.00	7.50	86.20	-0.08	
GP-14 - 67	9/5/2025 09:17	0.00	6.70	6.60	86.70	-0.24	
GP-14 - 67	9/8/2025 09:20	0.00	3.50	12.00	84.50	-0.36	
GP-14 - 67	9/12/2025 08:11	0.00	4.70	9.90	85.40	-0.40	
GP-14 - 67	9/19/2025 09:14	0.00	4.30	12.00	83.70	-0.54	
GP-14 - 67	9/23/2025 08:52	0.00	5.00	9.60	85.40	-0.36	
GP-14 - 134	7/1/2025 08:41	0.00	8.90	2.50	88.60	-2.65	
GP-14 - 134	7/2/2025 08:24	0.00	8.70	2.90	88.40	-2.72	
GP-14 - 134	7/3/2025 08:32	0.00	9.10	2.60	88.30	-3.20	
GP-14 - 134	7/7/2025 08:47	0.00	8.70	2.90	88.40	-2.83	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-14 - 134	7/8/2025 10:06	0.00	8.70	2.80	88.50	-3.27	
GP-14 - 134	7/9/2025 06:55	0.00	8.70	3.80	87.50	-2.56	
GP-14 - 134	7/10/2025 08:06	0.00	8.50	3.60	87.90	-2.06	
GP-14 - 134	7/11/2025 08:12	0.00	8.50	3.60	87.90	-2.61	
GP-14 - 134	7/14/2025 08:13	0.00	8.60	3.60	87.80	-2.71	
GP-14 - 134	7/15/2025 08:05	0.00	8.70	3.50	87.80	-2.72	
GP-14 - 134	7/16/2025 06:50	0.00	8.80	3.40	87.80	-2.74	
GP-14 - 134	7/17/2025 08:24	0.00	8.50	3.50	88.00	-2.36	
GP-14 - 134	7/18/2025 08:22	0.00	8.50	3.70	87.80	-2.92	
GP-14 - 134	7/21/2025 09:17	0.00	8.70	3.30	88.00	-2.93	
GP-14 - 134	7/22/2025 08:30	0.00	8.00	3.90	88.10	-2.87	
GP-14 - 134	7/23/2025 06:56	0.00	9.00	3.40	87.60	-3.12	
GP-14 - 134	7/23/2025 08:29	0.00	8.60	3.60	87.80	-3.38	
GP-14 - 134	7/24/2025 08:14	0.00	8.60	4.00	87.40	-2.77	Valve Adjustment:Reduced System Vac/Flare Down
GP-14 - 134	7/25/2025 09:24	0.00	8.40	4.50	87.10	-2.11	
GP-14 - 134	7/28/2025 11:43	0.00	7.20	4.90	87.90	-1.25	
GP-14 - 134	8/8/2025 08:06	0.00	0.00	21.00	79.00	-1.01	
GP-14 - 134	8/11/2025 10:26	0.00	0.00	21.10	78.90	-1.64	
GP-14 - 134	8/14/2025 10:01	0.00	0.10	20.50	79.40	-1.61	
GP-14 - 134	8/19/2025 08:10	0.00	0.20	20.40	79.40	-2.41	
GP-14 - 134	8/19/2025 11:28	0.00	7.50	3.40	89.10	-1.93	
GP-14 - 134	8/20/2025 09:02	0.00	8.50	3.90	87.60	-1.61	
GP-14 - 134	8/21/2025 09:19	0.00	8.10	4.40	87.50	-1.25	
GP-14 - 134	8/22/2025 09:29	0.00	7.80	5.10	87.10	-1.50	
GP-14 - 134	8/27/2025 09:14	0.00	8.20	4.20	87.60	-2.32	
GP-14 - 134	8/28/2025 09:52	0.00	8.30	3.90	87.80	-1.74	
GP-14 - 134	8/29/2025 10:48	0.00	8.00	3.80	88.20	-1.40	
GP-14 - 134	9/4/2025 10:09	0.00	8.20	3.70	88.10	-1.30	
GP-14 - 134	9/5/2025 09:23	0.00	8.30	4.10	87.60	-1.54	
GP-14 - 134	9/8/2025 09:28	0.00	8.80	3.60	87.60	-2.08	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-14 - 134	9/12/2025 08:18	0.00	8.70	3.40	87.90	-1.99	
GP-14 - 134	9/19/2025 09:20	0.00	8.80	2.90	88.30	-2.39	
GP-14 - 134	9/23/2025 08:59	0.00	9.10	2.30	88.60	-2.07	
GP-15 - 10	7/1/2025 09:22	25.90	47.00	0.00	27.10	0.06	
GP-15 - 10	7/2/2025 06:42	21.70	36.60	0.50	41.20	-0.03	
GP-15 - 10	7/3/2025 08:47	14.80	39.90	4.30	41.00	-0.06	
GP-15 - 10	7/7/2025 09:32	18.50	41.40	0.30	39.80	0.02	
GP-15 - 10	7/8/2025 09:10	7.10	27.40	8.70	56.80	-0.07	
GP-15 - 10	7/9/2025 07:09	29.60	61.70	0.00	8.70	0.01	
GP-15 - 10	7/10/2025 08:47	29.60	65.10	0.00	5.30	0.07	
GP-15 - 10	7/11/2025 08:51	25.40	45.30	0.10	29.20	0.02	
GP-15 - 10	7/14/2025 08:27	27.30	60.20	0.10	12.40	-0.03	
GP-15 - 10	7/15/2025 08:23	28.40	62.70	0.00	8.90	-0.02	
GP-15 - 10	7/16/2025 07:05	30.80	63.60	0.00	5.60	-0.02	
GP-15 - 10	7/17/2025 10:17	24.60	56.50	0.00	18.90	0.17	
GP-15 - 10	7/18/2025 08:59	20.50	45.10	0.50	33.90	0.07	
GP-15 - 10	7/21/2025 08:05	21.30	55.40	1.00	22.30	-0.09	
GP-15 - 10	7/22/2025 08:44	24.20	58.10	0.30	17.40	-0.07	
GP-15 - 10	7/23/2025 07:40	10.60	32.50	6.40	50.50	-0.11	
GP-15 - 10	7/24/2025 08:46	25.70	61.30	0.10	12.90	0.03	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 10	7/25/2025 08:43	29.20	66.30	0.00	4.50	0.02	
GP-15 - 10	7/28/2025 08:08	8.40	28.50	8.70	54.40	-0.08	
GP-15 - 10	7/29/2025 08:43	28.50	64.40	0.20	6.90	0.05	
GP-15 - 10	7/30/2025 08:10	28.40	65.60	0.10	5.90	0.05	
GP-15 - 10	7/31/2025 09:08	28.30	66.00	0.10	5.60	0.10	
GP-15 - 10	8/1/2025 09:14	28.70	67.10	0.10	4.10	0.09	
GP-15 - 10	8/4/2025 09:17	27.80	66.70	0.10	5.40	0.16	
GP-15 - 10	8/5/2025 09:10	28.00	68.80	0.10	3.10	0.09	
GP-15 - 10	8/6/2025 09:05	27.20	68.10	0.10	4.60	0.16	Valve Adjustment:Reduced System Vac/Flare Down

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 10	8/7/2025 09:21	22.30	61.20	0.00	16.50	0.18	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 10	8/8/2025 08:44	26.90	68.00	0.10	5.00	0.15	
GP-15 - 10	8/11/2025 09:41	27.60	68.60	0.10	3.70	0.15	
GP-15 - 10	8/12/2025 07:57	28.10	69.70	0.10	2.10	0.05	
GP-15 - 10	8/13/2025 08:52	21.86	59.55	0.57	18.02	0.18	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 10	8/14/2025 10:13	23.90	64.90	0.00	11.20	0.12	
GP-15 - 10	8/15/2025 08:37	22.00	43.30	0.40	34.30	0.03	
GP-15 - 10	8/18/2025 09:52	27.80	68.00	0.00	4.20	0.13	
GP-15 - 10	8/19/2025 08:22	30.00	69.30	0.60	0.10	-0.07	
GP-15 - 10	8/19/2025 10:23	24.40	55.10	0.20	20.30	0.12	
GP-15 - 10	8/20/2025 09:15	27.30	68.80	0.00	3.90	0.14	
GP-15 - 10	8/21/2025 08:00	27.80	69.70	0.10	2.40	0.11	
GP-15 - 10	8/22/2025 08:12	27.50	69.60	0.10	2.80	0.07	
GP-15 - 10	8/25/2025 09:25	23.80	66.50	0.00	9.70	0.14	
GP-15 - 10	8/26/2025 09:24	27.29	72.25	0.07	0.39	0.07	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 10	8/27/2025 08:03	28.20	69.10	0.10	2.60	0.01	
GP-15 - 10	8/28/2025 08:28	28.10	68.60	0.10	3.20	0.05	
GP-15 - 10	8/29/2025 09:56	27.20	69.70	0.00	3.10	0.12	
GP-15 - 10	9/2/2025 08:40	27.80	68.20	0.10	3.90	0.11	
GP-15 - 10	9/3/2025 09:13	27.70	69.50	0.00	2.80	0.08	
GP-15 - 10	9/4/2025 09:03	27.80	69.50	0.10	2.60	0.15	
GP-15 - 10	9/5/2025 07:58	28.00	70.00	0.10	1.90	0.08	
GP-15 - 10	9/8/2025 10:01	22.00	58.40	0.00	19.60	0.09	
GP-15 - 10	9/9/2025 08:02	23.40	47.70	0.40	28.50	0.07	
GP-15 - 10	9/10/2025 08:00	22.90	43.20	0.40	33.50	0.02	
GP-15 - 10	9/11/2025 09:50	23.50	48.70	0.40	27.40	0.08	
GP-15 - 10	9/12/2025 09:01	25.60	55.00	0.00	19.40	0.07	
GP-15 - 10	9/15/2025 07:50	29.10	68.50	0.10	2.30	-0.02	
GP-15 - 10	9/16/2025 08:03	28.90	67.80	0.10	3.20	0.02	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 10	9/17/2025 09:02	28.10	69.20	0.00	2.70	0.09	
GP-15 - 10	9/18/2025 09:02	28.50	68.40	0.00	3.10	0.05	
GP-15 - 10	9/19/2025 09:55	28.70	67.50	0.00	3.80	0.00	
GP-15 - 10	9/22/2025 09:02	28.30	66.30	0.00	5.40	0.04	
GP-15 - 10	9/23/2025 09:15	28.20	68.40	0.00	3.40	0.05	
GP-15 - 10	9/24/2025 09:34	18.90	39.80	0.30	41.00	-0.03	
GP-15 - 10	9/25/2025 10:26	23.60	46.10	0.20	30.10	0.07	
GP-15 - 10	9/26/2025 08:17	28.70	68.60	0.20	2.50	0.06	
GP-15 - 10	9/29/2025 09:02	28.40	68.10	0.10	3.40	0.09	
GP-15 - 10	9/30/2025 09:27	21.20	53.60	0.10	25.10	0.02	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 40	7/1/2025 09:28	29.50	67.20	0.00	3.30	0.02	
GP-15 - 40	7/2/2025 06:46	30.80	67.80	0.10	1.30	-0.08	
GP-15 - 40	7/3/2025 08:50	29.80	65.30	0.00	4.90	-0.14	
GP-15 - 40	7/7/2025 09:36	28.70	66.70	0.00	4.60	-0.03	
GP-15 - 40	7/8/2025 09:15	26.50	65.60	0.00	7.90	-0.14	
GP-15 - 40	7/9/2025 07:12	29.20	66.30	0.00	4.50	-0.04	
GP-15 - 40	7/10/2025 08:50	27.90	66.30	0.00	5.80	0.03	
GP-15 - 40	7/11/2025 08:54	28.80	67.00	0.00	4.20	-0.03	
GP-15 - 40	7/14/2025 08:30	29.20	66.20	0.00	4.60	-0.08	
GP-15 - 40	7/15/2025 08:26	29.00	67.00	0.00	4.00	-0.06	
GP-15 - 40	7/16/2025 07:08	29.10	67.70	0.00	3.20	-0.07	
GP-15 - 40	7/17/2025 10:21	27.10	66.70	0.00	6.20	0.15	
GP-15 - 40	7/18/2025 09:02	27.90	67.30	0.00	4.80	0.04	
GP-15 - 40	7/21/2025 08:08	29.30	67.40	0.00	3.30	-0.15	
GP-15 - 40	7/22/2025 08:47	28.80	66.40	0.00	4.80	-0.12	
GP-15 - 40	7/23/2025 07:43	28.10	66.20	0.00	5.70	-0.18	
GP-15 - 40	7/24/2025 08:48	27.70	67.00	0.00	5.30	-0.01	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 40	7/25/2025 08:45	27.70	68.50	0.00	3.80	-0.03	
GP-15 - 40	7/28/2025 08:12	27.00	63.70	0.90	8.40	-0.16	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 40	7/29/2025 08:45	27.40	66.60	0.00	6.00	0.03	
GP-15 - 40	7/30/2025 08:12	26.70	69.10	0.00	4.20	0.03	
GP-15 - 40	7/31/2025 09:10	26.00	68.00	0.00	6.00	0.08	
GP-15 - 40	8/1/2025 09:16	26.50	69.00	0.00	4.50	0.06	
GP-15 - 40	8/4/2025 09:20	25.20	69.20	0.00	5.60	0.15	
GP-15 - 40	8/5/2025 09:12	25.50	69.10	0.00	5.40	0.06	
GP-15 - 40	8/6/2025 09:07	24.50	68.30	0.00	7.20	0.16	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 40	8/7/2025 09:25	23.80	65.60	0.00	10.60	0.22	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 40	8/8/2025 08:46	24.10	68.40	0.00	7.50	0.16	
GP-15 - 40	8/11/2025 09:43	25.20	70.30	0.00	4.50	0.14	
GP-15 - 40	8/12/2025 07:59	25.50	72.10	0.00	2.40	0.01	
GP-15 - 40	8/13/2025 08:54	23.43	74.31	0.07	2.19	0.17	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 40	8/14/2025 10:16	24.50	75.50	0.00	0.00	0.09	
GP-15 - 40	8/15/2025 08:39	26.10	71.20	0.00	2.70	-0.01	
GP-15 - 40	8/18/2025 09:54	25.70	69.30	0.00	5.00	0.11	
GP-15 - 40	8/19/2025 08:26	25.50	74.10	0.40	0.00	-0.07	
GP-15 - 40	8/19/2025 10:27	25.40	73.20	0.10	1.30	0.09	
GP-15 - 40	8/20/2025 09:18	25.00	71.50	0.00	3.50	0.12	
GP-15 - 40	8/21/2025 08:03	24.60	72.30	0.00	3.10	0.10	
GP-15 - 40	8/22/2025 08:14	24.40	71.30	0.00	4.30	0.05	
GP-15 - 40	8/25/2025 09:28	24.10	73.80	0.00	2.10	0.11	
GP-15 - 40	8/26/2025 09:27	24.44	75.41	0.00	0.15	0.05	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 40	8/27/2025 08:06	26.70	71.10	0.00	2.20	-0.02	
GP-15 - 40	8/28/2025 08:31	25.80	71.90	0.00	2.30	0.05	
GP-15 - 40	8/29/2025 09:58	24.80	69.70	0.00	5.50	0.10	
GP-15 - 40	9/2/2025 08:43	25.30	70.40	0.00	4.30	0.09	
GP-15 - 40	9/3/2025 09:15	25.30	70.10	0.00	4.60	0.05	
GP-15 - 40	9/4/2025 09:05	25.70	72.00	0.00	2.30	0.13	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 40	9/5/2025 08:00	25.60	72.00	0.00	2.40	0.06	
GP-15 - 40	9/8/2025 10:03	26.20	69.60	0.00	4.20	0.08	
GP-15 - 40	9/9/2025 08:04	25.60	71.30	0.00	3.10	0.06	
GP-15 - 40	9/10/2025 08:03	26.20	71.10	0.00	2.70	0.00	
GP-15 - 40	9/11/2025 09:53	26.40	70.00	0.00	3.60	0.05	
GP-15 - 40	9/12/2025 09:04	26.60	69.90	0.00	3.50	0.04	
GP-15 - 40	9/15/2025 07:52	26.90	69.00	0.00	4.10	-0.06	
GP-15 - 40	9/16/2025 08:06	27.60	69.60	0.00	2.80	-0.01	
GP-15 - 40	9/17/2025 09:04	26.20	69.40	0.00	4.40	0.07	
GP-15 - 40	9/18/2025 09:05	26.00	71.80	0.00	2.20	0.03	
GP-15 - 40	9/19/2025 09:57	27.10	69.40	0.00	3.50	-0.03	
GP-15 - 40	9/22/2025 09:04	26.90	68.20	0.00	4.90	0.01	
GP-15 - 40	9/23/2025 09:18	26.90	69.10	0.00	4.00	0.02	
GP-15 - 40	9/24/2025 09:37	27.50	68.60	0.00	3.90	-0.08	
GP-15 - 40	9/25/2025 10:29	27.00	67.00	0.00	6.00	0.04	
GP-15 - 40	9/26/2025 08:20	27.70	70.20	0.00	2.10	0.03	
GP-15 - 40	9/29/2025 09:05	27.00	69.80	0.00	3.20	0.07	
GP-15 - 40	9/30/2025 09:30	27.10	72.00	0.00	0.90	-0.01	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 60	7/1/2025 09:31	26.70	43.70	0.00	29.60	-0.32	
GP-15 - 60	7/2/2025 06:50	27.20	43.20	0.00	29.60	-0.81	
GP-15 - 60	7/3/2025 08:54	27.10	43.30	0.00	29.60	-0.97	
GP-15 - 60	7/7/2025 09:40	26.40	44.00	0.00	29.60	-0.67	
GP-15 - 60	7/8/2025 09:20	26.40	44.70	0.00	28.90	-0.95	
GP-15 - 60	7/9/2025 07:16	26.60	43.70	0.00	29.70	-0.61	
GP-15 - 60	7/10/2025 08:54	26.30	43.80	0.00	29.90	-0.41	
GP-15 - 60	7/11/2025 08:58	26.60	44.20	0.00	29.20	-0.60	
GP-15 - 60	7/14/2025 08:34	26.40	43.90	0.00	29.70	-0.74	
GP-15 - 60	7/15/2025 08:30	26.60	44.40	0.00	29.00	-0.68	
GP-15 - 60	7/16/2025 07:13	26.60	45.00	0.00	28.40	-0.67	
GP-15 - 60	7/17/2025 10:26	25.70	44.30	0.00	30.00	0.14	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 60	7/18/2025 09:06	26.10	44.60	0.00	29.30	-0.21	
GP-15 - 60	7/21/2025 08:13	26.80	45.30	0.00	27.90	-0.91	
GP-15 - 60	7/22/2025 08:51	26.30	44.80	0.00	28.90	-0.85	
GP-15 - 60	7/23/2025 07:46	26.40	45.30	0.00	28.30	-1.04	
GP-15 - 60	7/24/2025 08:52	26.00	45.30	0.00	28.70	-0.38	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 60	7/25/2025 08:48	26.00	46.00	0.00	28.00	-0.56	
GP-15 - 60	7/28/2025 08:17	25.20	42.70	1.10	31.00	-1.02	
GP-15 - 60	7/29/2025 08:48	25.80	45.40	0.00	28.80	-0.26	
GP-15 - 60	7/30/2025 08:15	26.10	45.90	0.00	28.00	-0.20	
GP-15 - 60	7/31/2025 09:13	25.60	46.00	0.00	28.40	-0.07	
GP-15 - 60	8/1/2025 09:19	25.70	47.50	0.00	26.80	-0.13	
GP-15 - 60	8/4/2025 09:23	25.50	47.70	0.00	26.80	0.16	
GP-15 - 60	8/5/2025 09:16	25.20	49.20	0.00	25.60	-0.11	
GP-15 - 60	8/6/2025 09:11	25.20	50.00	0.00	24.80	0.32	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 60	8/7/2025 09:29	24.70	49.70	0.00	25.60	0.48	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 60	8/8/2025 08:50	25.30	51.90	0.00	22.80	0.24	
GP-15 - 60	8/11/2025 09:47	24.60	53.60	0.00	21.80	0.05	
GP-15 - 60	8/12/2025 08:03	25.00	54.40	0.00	20.60	-0.27	
GP-15 - 60	8/13/2025 08:58	23.83	56.15	0.05	19.97	0.40	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 60	8/14/2025 10:21	24.80	56.80	0.00	18.40	0.04	
GP-15 - 60	8/15/2025 08:43	24.30	55.80	0.00	19.90	-0.37	
GP-15 - 60	8/18/2025 09:57	23.80	55.30	0.00	20.90	-0.02	
GP-15 - 60	8/19/2025 08:31	40.10	59.50	0.40	0.00	-0.01	
GP-15 - 60	8/19/2025 10:31	23.50	55.40	0.40	20.70	0.00	
GP-15 - 60	8/20/2025 09:23	23.80	56.20	0.00	20.00	0.03	
GP-15 - 60	8/21/2025 08:06	24.30	56.70	0.00	19.00	0.00	
GP-15 - 60	8/22/2025 08:18	24.00	56.80	0.00	19.20	-0.11	
GP-15 - 60	8/25/2025 09:33	23.90	58.90	0.00	17.20	0.10	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 60	8/26/2025 09:31	23.08	60.78	0.00	16.14	-0.03	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 60	8/27/2025 08:10	23.60	59.40	0.00	17.00	-0.37	
GP-15 - 60	8/28/2025 08:35	23.50	59.60	0.00	16.90	-0.10	
GP-15 - 60	8/29/2025 10:01	22.90	59.30	0.00	17.80	-0.03	
GP-15 - 60	9/2/2025 08:46	23.00	59.40	0.00	17.60	0.00	
GP-15 - 60	9/3/2025 09:19	22.90	59.80	0.00	17.30	-0.16	
GP-15 - 60	9/4/2025 09:09	23.40	61.30	0.00	15.30	0.06	
GP-15 - 60	9/5/2025 08:04	23.60	60.80	0.00	15.60	-0.15	
GP-15 - 60	9/8/2025 10:07	22.50	60.30	0.00	17.20	-0.15	
GP-15 - 60	9/9/2025 08:08	23.20	60.90	0.00	15.90	-0.09	
GP-15 - 60	9/10/2025 08:07	23.30	61.20	0.00	15.50	-0.30	
GP-15 - 60	9/11/2025 09:57	22.80	61.10	0.00	16.10	-0.20	
GP-15 - 60	9/12/2025 09:08	22.80	60.50	0.00	16.70	-0.23	
GP-15 - 60	9/15/2025 07:56	23.10	60.40	0.00	16.50	-0.42	
GP-15 - 60	9/16/2025 08:10	22.80	61.30	0.00	15.90	-0.45	
GP-15 - 60	9/17/2025 09:09	22.50	61.00	0.00	16.50	-0.20	
GP-15 - 60	9/18/2025 09:09	22.80	62.00	0.00	15.20	-0.12	
GP-15 - 60	9/19/2025 10:02	22.50	61.30	0.00	16.20	-0.50	
GP-15 - 60	9/22/2025 09:08	22.50	60.10	0.00	17.40	-0.38	
GP-15 - 60	9/23/2025 09:21	22.60	60.40	0.00	17.00	-0.36	
GP-15 - 60	9/24/2025 09:42	22.40	60.30	0.00	17.30	-0.64	
GP-15 - 60	9/25/2025 10:33	22.20	58.80	0.00	19.00	-0.35	
GP-15 - 60	9/26/2025 08:23	22.90	60.70	0.00	16.40	-0.36	
GP-15 - 60	9/29/2025 09:09	22.40	60.60	0.00	17.00	-0.10	
GP-15 - 60	9/30/2025 09:35	23.00	60.70	0.00	16.30	-0.23	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 90	7/1/2025 09:38	28.50	61.40	0.10	10.00	0.14	
GP-15 - 90	7/2/2025 06:56	25.30	58.60	1.20	14.90	0.02	
GP-15 - 90	7/3/2025 09:00	7.10	23.60	10.20	59.10	-0.06	
GP-15 - 90	7/7/2025 09:47	16.90	48.70	2.30	32.10	0.05	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 90	7/8/2025 09:27	3.00	15.70	12.20	69.10	-0.03	
GP-15 - 90	7/9/2025 07:23	28.60	58.70	0.20	12.50	0.05	
GP-15 - 90	7/10/2025 08:59	0.10	0.30	20.10	79.50	0.13	
GP-15 - 90	7/11/2025 09:03	0.20	0.30	20.00	79.50	0.07	
GP-15 - 90	7/14/2025 08:39	0.40	0.60	20.20	78.80	0.00	
GP-15 - 90	7/15/2025 08:35	0.40	0.70	20.00	78.90	0.03	
GP-15 - 90	7/16/2025 07:18	0.40	0.60	20.70	78.30	0.01	
GP-15 - 90	7/17/2025 10:30	0.40	0.80	19.80	79.00	0.24	
GP-15 - 90	7/18/2025 09:11	0.40	0.60	20.30	78.70	0.12	
GP-15 - 90	7/21/2025 08:17	0.30	0.50	21.00	78.20	-0.06	
GP-15 - 90	7/22/2025 08:54	0.20	0.50	20.70	78.60	-0.03	
GP-15 - 90	7/23/2025 07:50	0.30	0.50	20.50	78.70	-0.09	
GP-15 - 90	7/24/2025 08:55	0.30	0.50	20.10	79.10	0.05	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 90	7/25/2025 08:51	0.30	0.50	20.00	79.20	0.10	
GP-15 - 90	7/28/2025 08:24	3.10	14.30	13.80	68.80	-0.05	
GP-15 - 90	7/29/2025 08:52	0.20	0.40	20.40	79.00	0.10	
GP-15 - 90	7/30/2025 08:18	0.30	0.60	20.30	78.80	0.12	
GP-15 - 90	7/31/2025 09:17	0.30	0.60	20.30	78.80	0.17	
GP-15 - 90	8/1/2025 09:23	0.20	0.40	20.00	79.40	0.12	
GP-15 - 90	8/4/2025 09:26	0.30	0.60	20.00	79.10	0.26	
GP-15 - 90	8/5/2025 09:19	0.20	0.50	20.20	79.10	0.13	
GP-15 - 90	8/6/2025 09:14	0.30	0.60	20.30	78.80	0.23	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 90	8/7/2025 09:34	26.80	68.50	0.00	4.70	0.29	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 90	8/8/2025 08:53	0.20	0.50	20.50	78.80	0.26	
GP-15 - 90	8/11/2025 09:50	0.40	0.80	20.30	78.50	0.22	
GP-15 - 90	8/12/2025 08:06	0.30	0.70	20.60	78.40	0.13	
GP-15 - 90	8/13/2025 09:02	0.09	0.35	20.32	79.24	0.25	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 90	8/14/2025 10:26	27.80	72.20	0.00	0.00	0.19	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 90	8/15/2025 08:46	0.30	0.60	20.70	78.40	0.08	
GP-15 - 90	8/18/2025 10:00	0.20	0.50	20.50	78.80	0.20	
GP-15 - 90	8/19/2025 08:35	25.20	56.80	0.40	17.60	-0.39	
GP-15 - 90	8/19/2025 10:37	27.40	68.60	0.70	3.30	0.16	
GP-15 - 90	8/20/2025 09:29	27.80	68.20	0.00	4.00	0.20	
GP-15 - 90	8/21/2025 08:12	27.80	69.20	0.20	2.80	0.19	
GP-15 - 90	8/22/2025 08:23	27.80	68.00	0.20	4.00	0.14	
GP-15 - 90	8/25/2025 09:39	27.70	70.90	0.00	1.40	0.19	
GP-15 - 90	8/26/2025 09:36	27.39	71.65	0.11	0.85	0.11	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 90	8/27/2025 08:15	28.60	67.00	0.20	4.20	0.05	
GP-15 - 90	8/28/2025 08:41	28.30	67.70	0.10	3.90	0.14	
GP-15 - 90	8/29/2025 10:07	27.60	67.40	0.10	4.90	0.18	
GP-15 - 90	9/2/2025 08:51	28.10	68.20	0.20	3.50	0.16	
GP-15 - 90	9/3/2025 09:24	27.90	67.70	0.20	4.20	0.14	
GP-15 - 90	9/4/2025 09:15	28.10	68.80	0.10	3.00	0.24	
GP-15 - 90	9/5/2025 08:09	28.20	69.20	0.10	2.50	0.16	
GP-15 - 90	9/8/2025 10:12	28.20	67.40	0.20	4.20	0.15	
GP-15 - 90	9/9/2025 08:13	28.50	67.80	0.10	3.60	0.19	
GP-15 - 90	9/10/2025 08:13	28.90	67.90	0.10	3.10	0.10	
GP-15 - 90	9/11/2025 10:02	28.30	67.40	0.10	4.20	0.13	
GP-15 - 90	9/12/2025 09:13	28.30	67.50	0.10	4.10	0.14	
GP-15 - 90	9/15/2025 08:01	29.60	66.80	0.20	3.40	0.05	
GP-15 - 90	9/16/2025 08:15	28.40	67.10	0.20	4.30	0.05	
GP-15 - 90	9/17/2025 09:14	28.00	67.70	0.10	4.20	0.15	
GP-15 - 90	9/18/2025 09:15	28.30	67.90	0.40	3.40	0.13	
GP-15 - 90	9/19/2025 10:08	27.80	66.50	0.40	5.30	0.07	
GP-15 - 90	9/22/2025 09:13	28.30	65.40	0.60	5.70	0.11	
GP-15 - 90	9/23/2025 09:27	28.30	66.00	0.40	5.30	0.10	
GP-15 - 90	9/24/2025 09:49	21.90	62.30	0.10	15.70	-0.01	
GP-15 - 90	9/25/2025 10:39	27.80	65.10	0.30	6.80	0.11	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 90	9/26/2025 08:29	28.70	66.30	0.50	4.50	0.13	
GP-15 - 90	9/29/2025 09:15	27.70	66.00	0.50	5.80	0.13	
GP-15 - 90	9/30/2025 09:42	29.10	68.40	0.00	2.50	0.03	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 115	7/1/2025 09:48	29.30	25.70	7.80	37.20	-0.15	
GP-15 - 115	7/2/2025 07:06	34.30	28.40	7.30	30.00	-0.51	
GP-15 - 115	7/3/2025 09:10	32.20	26.70	7.80	33.30	-0.77	
GP-15 - 115	7/7/2025 09:56	31.60	26.50	8.00	33.90	-0.37	
GP-15 - 115	7/8/2025 09:32	0.30	0.20	20.20	79.30	-0.60	
GP-15 - 115	7/9/2025 07:28	0.30	0.40	20.20	79.10	-0.41	
GP-15 - 115	7/10/2025 09:05	0.20	0.30	20.40	79.10	-0.37	
GP-15 - 115	7/11/2025 09:07	0.20	0.20	20.10	79.50	-1.04	
GP-15 - 115	7/14/2025 08:45	0.20	0.30	20.20	79.30	-1.22	
GP-15 - 115	7/15/2025 08:40	0.20	0.30	20.10	79.40	-0.82	
GP-15 - 115	7/16/2025 07:23	0.20	0.30	20.90	78.60	-0.71	
GP-15 - 115	7/17/2025 10:35	0.30	0.40	20.40	78.90	-0.86	
GP-15 - 115	7/18/2025 09:16	0.30	0.40	20.40	78.90	-1.20	
GP-15 - 115	7/21/2025 08:22	0.20	0.30	21.10	78.40	-1.40	
GP-15 - 115	7/22/2025 08:58	0.20	0.40	20.70	78.70	-1.10	
GP-15 - 115	7/23/2025 07:53	0.30	0.40	20.50	78.80	-1.36	
GP-15 - 115	7/24/2025 08:58	0.30	0.50	20.10	79.10	-1.03	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 115	7/25/2025 08:55	0.30	0.40	20.00	79.30	-0.58	
GP-15 - 115	7/28/2025 08:33	29.00	24.80	8.80	37.40	-0.12	
GP-15 - 115	7/29/2025 08:55	0.30	0.30	20.30	79.10	-0.88	
GP-15 - 115	7/30/2025 08:22	0.20	0.30	20.50	79.00	-0.73	
GP-15 - 115	7/31/2025 09:20	0.30	0.50	20.40	78.80	-0.45	
GP-15 - 115	8/1/2025 09:26	0.20	0.30	20.20	79.30	-0.79	
GP-15 - 115	8/4/2025 09:30	0.40	0.60	20.10	78.90	-0.15	
GP-15 - 115	8/5/2025 09:23	0.30	0.50	20.20	79.00	-0.75	
GP-15 - 115	8/6/2025 09:18	0.30	0.50	20.30	78.90	-0.40	Valve Adjustment:Reduced System Vac/Flare Down

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 115	8/7/2025 09:41	45.10	43.00	1.70	10.20	0.70	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 115	8/8/2025 08:57	0.40	0.80	20.20	78.60	0.02	
GP-15 - 115	8/11/2025 09:54	0.30	0.60	20.50	78.60	-0.36	
GP-15 - 115	8/12/2025 08:10	0.30	0.40	20.60	78.70	-0.45	
GP-15 - 115	8/13/2025 09:06	0.19	0.36	20.36	79.09	-0.48	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 115	8/14/2025 10:30	0.20	0.40	20.30	79.10	0.27	
GP-15 - 115	8/15/2025 08:50	0.30	0.50	20.70	78.50	-0.84	
GP-15 - 115	8/18/2025 10:04	0.40	0.50	20.50	78.60	-0.51	
GP-15 - 115	8/19/2025 08:39	44.50	45.10	2.30	8.10	0.29	
GP-15 - 115	8/19/2025 10:45	31.10	34.00	6.40	28.50	0.03	
GP-15 - 115	8/20/2025 09:37	38.80	39.60	3.90	17.70	0.49	
GP-15 - 115	8/21/2025 08:20	38.60	39.00	4.10	18.30	0.27	
GP-15 - 115	8/22/2025 08:30	37.60	39.60	4.50	18.30	0.08	
GP-15 - 115	8/25/2025 09:48	38.10	39.80	4.50	17.60	0.38	
GP-15 - 115	8/26/2025 09:44	34.80	39.37	4.93	20.90	-0.06	Valve Adjustment:Reduced System Vac/Flare Down
GP-15 - 115	8/27/2025 08:22	30.10	32.60	7.00	30.30	-0.48	
GP-15 - 115	8/28/2025 08:51	38.90	40.80	3.90	16.40	0.09	
GP-15 - 115	8/29/2025 10:14	37.40	39.00	4.10	19.50	0.21	
GP-15 - 115	9/2/2025 08:59	36.30	39.20	4.60	19.90	0.10	
GP-15 - 115	9/3/2025 09:32	34.80	37.90	4.90	22.40	-0.06	
GP-15 - 115	9/4/2025 09:23	39.20	41.70	3.70	15.40	0.48	
GP-15 - 115	9/5/2025 08:17	37.30	40.30	4.30	18.10	0.20	
GP-15 - 115	9/8/2025 10:21	37.60	40.80	3.90	17.70	-0.04	
GP-15 - 115	9/9/2025 08:22	37.50	39.70	4.10	18.70	0.35	
GP-15 - 115	9/10/2025 08:22	38.30	40.80	4.10	16.80	0.07	
GP-15 - 115	9/11/2025 10:10	35.00	38.10	4.70	22.20	0.01	
GP-15 - 115	9/12/2025 09:22	36.60	39.20	4.30	19.90	0.03	
GP-15 - 115	9/15/2025 08:10	35.80	38.30	5.00	20.90	-0.14	
GP-15 - 115	9/16/2025 08:23	30.30	34.70	6.80	28.20	-0.39	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-15 - 115	9/17/2025 09:21	34.20	38.20	5.30	22.30	0.03	
GP-15 - 115	9/18/2025 09:22	38.70	42.20	3.20	15.90	0.29	
GP-15 - 115	9/19/2025 10:16	33.40	36.20	5.70	24.70	-0.20	
GP-15 - 115	9/22/2025 09:25	34.50	38.90	4.70	21.90	0.12	
GP-15 - 115	9/23/2025 09:35	34.30	38.50	5.10	22.10	0.02	
GP-15 - 115	9/24/2025 10:02	32.30	37.80	5.60	24.30	-0.30	
GP-15 - 115	9/25/2025 10:49	35.90	38.80	4.80	20.50	0.06	
GP-15 - 115	9/26/2025 08:39	37.80	40.60	4.30	17.30	0.24	
GP-15 - 115	9/29/2025 09:24	36.40	40.30	4.30	19.00	0.01	
GP-15 - 115	9/30/2025 09:55	37.10	41.90	4.10	16.90	-0.17	Valve Adjustment:Reduced System Vac/Flare Down
GP-16 - 10	8/11/2025 10:39	0.00	0.90	19.90	79.20	0.01	
GP-16 - 10	8/20/2025 08:52	0.00	1.10	18.90	80.00	-0.01	
GP-16 - 10	9/2/2025 09:37	0.00	0.80	20.00	79.20	0.01	
GP-16 - 85	8/11/2025 10:42	0.00	4.10	11.40	84.50	0.14	
GP-16 - 85	8/20/2025 08:55	0.00	2.50	15.10	82.40	-0.06	
GP-16 - 85	9/2/2025 09:44	0.00	4.20	11.50	84.30	-0.28	
GP-16 - 154	8/11/2025 10:48	0.00	0.00	14.50	85.50	0.08	
GP-16 - 154	8/20/2025 08:57	0.00	0.20	14.60	85.20	-0.33	
GP-16 - 154	9/2/2025 09:51	0.00	0.00	14.40	85.60	-0.24	
GP-16 - 210	8/11/2025 10:53	0.00	0.00	19.50	80.50	-0.07	
GP-16 - 210	8/20/2025 08:59	0.00	0.20	18.60	81.20	-0.36	
GP-16 - 210	9/2/2025 09:57	0.00	0.00	19.30	80.70	-0.54	
GP-16 - 255	8/11/2025 11:01	0.00	0.00	20.10	79.90	-0.04	
GP-16 - 255	8/20/2025 09:01	0.00	0.10	20.00	79.90	-0.35	
GP-16 - 255	9/2/2025 10:04	0.00	0.00	19.90	80.10	-0.56	
GP-17 - 10	8/11/2025 11:14	0.00	0.40	20.40	79.20	0.02	
GP-17 - 10	8/20/2025 08:23	0.00	0.60	18.30	81.10	-0.09	
GP-17 - 10	9/5/2025 09:41	0.00	0.80	20.10	79.10	0.01	
GP-17 - 55	8/11/2025 11:16	0.00	0.30	18.00	81.70	0.28	
GP-17 - 55	8/20/2025 08:42	0.00	0.50	17.80	81.70	-0.12	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-17 - 55	9/5/2025 09:44	0.00	0.40	17.80	81.80	-0.12	
GP-17 - 105	8/11/2025 11:21	0.00	0.10	18.00	81.90	0.24	
GP-17 - 105	8/20/2025 08:44	0.00	0.30	17.20	82.50	-0.19	
GP-17 - 105	9/5/2025 09:48	0.00	0.10	17.50	82.40	0.00	
GP-17 - 149	8/11/2025 11:26	0.00	0.00	17.30	82.70	0.26	
GP-17 - 149	8/20/2025 08:46	0.00	0.10	16.70	83.20	-0.36	
GP-17 - 149	9/5/2025 09:54	0.00	0.00	16.90	83.10	0.37	
GP-17 - 235	8/11/2025 11:33	0.00	0.00	18.00	82.00	0.19	
GP-17 - 235	8/20/2025 08:48	0.00	0.10	20.00	79.90	-0.44	
GP-17 - 235	9/5/2025 10:01	0.00	0.00	17.50	82.50	0.65	
GP-18 - 10	8/11/2025 13:22	0.00	0.20	20.60	79.20	0.01	
GP-18 - 10	8/20/2025 08:00	0.00	0.30	21.00	78.70	-0.11	
GP-18 - 10	9/5/2025 10:22	0.00	0.10	20.50	79.40	0.02	
GP-18 - 38	8/11/2025 13:24	0.00	0.30	20.30	79.40	0.36	
GP-18 - 38	8/20/2025 08:02	0.00	0.10	21.10	78.80	-0.13	
GP-18 - 38	9/5/2025 10:24	0.00	0.30	19.90	79.80	-0.03	
GP-18 - 58	8/11/2025 13:26	0.00	0.50	19.90	79.60	0.52	
GP-18 - 58	8/20/2025 08:04	0.00	0.80	19.70	79.50	-0.18	
GP-18 - 58	9/5/2025 10:28	0.00	0.20	20.00	79.80	-0.06	
GP-18 - 86	8/11/2025 13:30	0.00	0.10	20.10	79.80	0.45	
GP-18 - 86	8/20/2025 08:06	0.00	0.40	19.80	79.80	-0.31	
GP-18 - 86	9/5/2025 10:32	0.00	0.10	19.60	80.30	0.14	
GP-18 - 115	8/11/2025 13:36	0.00	0.10	9.30	90.60	0.65	
GP-18 - 115	8/20/2025 08:08	0.00	0.20	11.40	88.40	-0.48	
GP-18 - 115	9/5/2025 10:39	0.00	0.10	9.10	90.80	0.75	
GP-19 - 10	7/31/2025 08:09	0.00	3.90	18.60	77.50	0.00	
GP-19 - 10	8/1/2025 08:16	0.00	0.00	19.50	80.50	0.00	
GP-19 - 10	8/4/2025 07:57	0.00	3.30	18.90	77.80	0.00	
GP-19 - 10	8/5/2025 08:06	0.00	2.70	19.40	77.90	0.00	
GP-19 - 10	8/6/2025 08:08	0.00	2.80	19.20	78.00	0.00	Valve Adjustment:Reduced System Vac/Flare Down

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-19 - 10	8/7/2025 08:36	0.00	4.10	16.80	79.10	0.01	Valve Adjustment:Reduced System Vac/Flare Down
GP-19 - 10	8/8/2025 10:12	0.00	5.40	16.50	78.10	0.01	
GP-19 - 10	8/11/2025 08:43	0.00	3.10	18.50	78.40	0.01	
GP-19 - 10	8/12/2025 09:21	0.00	4.20	17.70	78.10	0.01	
GP-19 - 10	8/13/2025 10:06	0.00	2.72	18.12	79.16	0.00	
GP-19 - 10	8/14/2025 08:59	0.00	3.40	17.60	79.00	0.14	
GP-19 - 10	8/15/2025 10:04	0.00	3.30	18.60	78.10	0.01	
GP-19 - 10	8/18/2025 08:51	0.00	3.50	18.60	77.90	0.00	
GP-19 - 10	8/19/2025 08:31	0.00	2.40	18.50	79.10	0.00	
GP-19 - 10	8/20/2025 08:05	0.00	3.90	18.10	78.00	0.00	
GP-19 - 10	8/20/2025 10:31	0.00	2.80	17.20	80.00	0.04	
GP-19 - 10	8/21/2025 10:02	0.00	4.50	17.10	78.40	0.01	
GP-19 - 10	8/22/2025 10:03	0.00	3.70	18.10	78.20	0.01	
GP-19 - 10	8/25/2025 08:44	0.00	3.00	18.30	78.70	0.00	
GP-19 - 10	8/26/2025 08:13	0.00	2.55	18.52	78.93	0.00	
GP-19 - 10	8/27/2025 09:40	0.00	2.50	19.10	78.40	0.00	
GP-19 - 10	8/28/2025 10:31	0.00	3.00	18.40	78.60	0.01	
GP-19 - 10	8/29/2025 08:19	0.00	3.30	18.50	78.20	0.00	
GP-19 - 10	9/2/2025 10:38	0.00	1.90	19.00	79.10	0.01	
GP-19 - 10	9/3/2025 08:07	0.00	2.90	19.10	78.00	0.00	
GP-19 - 10	9/4/2025 10:41	0.00	3.80	17.50	78.70	0.02	
GP-19 - 10	9/5/2025 11:12	0.00	3.50	18.30	78.20	0.02	
GP-19 - 10	9/8/2025 08:27	0.00	2.60	19.00	78.40	0.00	
GP-19 - 10	9/9/2025 09:30	0.00	4.40	17.20	78.40	0.01	
GP-19 - 10	9/10/2025 09:22	0.00	3.50	18.80	77.70	0.00	
GP-19 - 10	9/11/2025 11:11	0.00	2.60	18.70	78.70	0.02	
GP-19 - 10	9/12/2025 10:40	0.00	2.80	18.60	78.60	0.01	
GP-19 - 10	9/15/2025 09:55	0.00	2.70	18.90	78.40	0.01	
GP-19 - 10	9/16/2025 10:09	0.00	2.10	19.50	78.40	0.01	
GP-19 - 10	9/17/2025 09:55	0.00	2.70	19.20	78.10	0.01	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-19 - 10	9/18/2025 10:38	0.00	2.70	19.40	77.90	0.01	
GP-19 - 10	9/19/2025 10:52	0.00	2.40	19.50	78.10	0.00	
GP-19 - 10	9/22/2025 10:21	0.00	3.10	18.50	78.40	0.01	
GP-19 - 10	9/23/2025 08:10	0.00	3.00	18.90	78.10	0.00	
GP-19 - 10	9/24/2025 08:02	0.00	2.10	19.70	78.20	0.00	
GP-19 - 10	9/25/2025 08:46	0.00	2.00	19.60	78.40	0.00	
GP-19 - 10	9/26/2025 10:31	0.00	3.60	18.60	77.80	0.00	
GP-19 - 10	9/29/2025 10:13	0.00	3.00	18.70	78.30	0.01	
GP-19 - 10	9/30/2025 10:46	0.00	2.00	19.10	78.90	0.01	Valve Adjustment:Reduced System Vac/Flare Down
GP-19 - 84	7/31/2025 08:13	2.80	12.80	0.10	84.30	-0.29	
GP-19 - 84	8/1/2025 08:20	3.00	13.40	0.30	83.30	-0.42	
GP-19 - 84	8/4/2025 08:26	2.10	12.80	0.30	84.80	-0.20	
GP-19 - 84	8/5/2025 08:10	2.40	13.50	0.30	83.80	-0.44	
GP-19 - 84	8/6/2025 08:12	2.00	13.40	0.30	84.30	-0.28	Valve Adjustment:Reduced System Vac/Flare Down
GP-19 - 84	8/7/2025 08:41	1.90	13.20	0.10	84.80	-0.08	Valve Adjustment:Reduced System Vac/Flare Down
GP-19 - 84	8/8/2025 10:15	1.60	12.50	0.20	85.70	-0.05	
GP-19 - 84	8/11/2025 08:46	1.50	13.10	0.30	85.10	-0.16	
GP-19 - 84	8/12/2025 09:24	1.40	13.00	0.20	85.40	-0.15	
GP-19 - 84	8/13/2025 10:09	1.24	13.03	0.22	85.51	-0.03	
GP-19 - 84	8/14/2025 09:03	1.20	13.30	0.00	85.50	-0.13	
GP-19 - 84	8/15/2025 10:07	1.40	13.00	0.20	85.40	-0.25	
GP-19 - 84	8/18/2025 08:54	1.10	13.40	0.30	85.20	-0.16	
GP-19 - 84	8/19/2025 08:38	1.10	13.00	0.60	85.30	-0.33	
GP-19 - 84	8/20/2025 08:08	0.80	13.60	0.30	85.30	-0.16	
GP-19 - 84	8/20/2025 10:32	0.30	12.70	0.50	86.50	0.03	
GP-19 - 84	8/21/2025 10:06	0.70	13.00	0.10	86.20	0.04	
GP-19 - 84	8/22/2025 10:07	0.70	13.10	0.20	86.00	-0.17	
GP-19 - 84	8/25/2025 08:51	0.50	12.60	1.20	85.70	-0.17	
GP-19 - 84	8/26/2025 08:17	0.58	14.05	0.27	85.10	-0.36	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-19 - 84	8/27/2025 09:43	0.60	13.80	0.30	85.30	-0.19	
GP-19 - 84	8/28/2025 10:35	0.30	13.50	0.30	85.90	-0.07	
GP-19 - 84	8/29/2025 08:22	0.20	13.60	0.40	85.80	-0.19	
GP-19 - 84	9/2/2025 10:42	0.10	13.40	0.50	86.00	-0.50	
GP-19 - 84	9/3/2025 08:11	0.10	13.70	0.70	85.50	-0.30	
GP-19 - 84	9/4/2025 10:45	0.00	13.30	0.60	86.10	0.06	
GP-19 - 84	9/5/2025 11:15	0.00	13.20	0.60	86.20	-0.08	
GP-19 - 84	9/8/2025 08:33	0.10	13.90	1.20	84.80	-0.25	
GP-19 - 84	9/9/2025 09:34	0.00	13.10	1.20	85.70	0.03	
GP-19 - 84	9/10/2025 09:26	0.00	13.50	1.30	85.20	-0.29	
GP-19 - 84	9/11/2025 11:15	0.00	13.10	1.40	85.50	-0.10	
GP-19 - 84	9/12/2025 10:44	0.00	13.00	1.60	85.40	-0.06	
GP-19 - 84	9/15/2025 09:59	0.00	12.90	1.80	85.30	-0.23	
GP-19 - 84	9/16/2025 10:13	0.00	13.20	1.90	84.90	-0.23	
GP-19 - 84	9/17/2025 09:59	0.00	12.90	2.30	84.80	-0.06	
GP-19 - 84	9/18/2025 10:41	0.00	13.20	2.50	84.30	-0.15	
GP-19 - 84	9/19/2025 10:56	0.00	13.20	2.30	84.50	-0.25	
GP-19 - 84	9/22/2025 10:25	0.00	12.40	2.80	84.80	-0.03	
GP-19 - 84	9/23/2025 08:13	0.00	13.00	2.90	84.10	-0.31	
GP-19 - 84	9/24/2025 08:06	0.00	13.30	3.00	83.70	-0.38	
GP-19 - 84	9/25/2025 08:50	0.00	13.00	3.20	83.80	-0.29	
GP-19 - 84	9/26/2025 10:36	0.00	12.50	3.40	84.10	-0.08	
GP-19 - 84	9/29/2025 10:16	0.00	12.30	3.80	83.90	-0.11	
GP-19 - 84	9/30/2025 10:52	0.00	12.30	3.60	84.10	-0.24	Valve Adjustment:Reduced System Vac/Flare Down
GP-19 - 116	7/31/2025 08:19	0.10	11.60	1.90	86.40	-0.36	
GP-19 - 116	8/1/2025 08:24	0.10	11.30	1.90	86.70	-0.60	
GP-19 - 116	8/4/2025 08:30	0.00	12.30	3.10	84.60	-0.27	
GP-19 - 116	8/5/2025 08:14	0.00	11.40	2.40	86.20	-0.62	
GP-19 - 116	8/6/2025 08:16	0.00	10.90	2.50	86.60	-0.41	Valve Adjustment:Reduced System Vac/Flare Down

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-19 - 116	8/7/2025 08:48	0.00	10.90	1.90	87.20	-0.11	Valve Adjustment:Reduced System Vac/Flare Down
GP-19 - 116	8/8/2025 10:18	0.00	12.00	3.40	84.60	-0.07	
GP-19 - 116	8/11/2025 08:50	0.00	10.90	2.50	86.60	-0.24	
GP-19 - 116	8/12/2025 09:28	0.00	11.20	2.70	86.10	-0.21	
GP-19 - 116	8/13/2025 10:13	0.01	10.85	2.52	86.62	-0.08	
GP-19 - 116	8/14/2025 09:11	0.00	10.70	2.30	87.00	-0.19	
GP-19 - 116	8/15/2025 10:12	0.00	10.70	2.60	86.70	-0.37	
GP-19 - 116	8/18/2025 08:58	0.00	10.90	2.90	86.20	-0.23	
GP-19 - 116	8/19/2025 08:47	0.00	9.70	3.30	87.00	-0.45	
GP-19 - 116	8/20/2025 08:12	0.00	10.70	3.00	86.30	-0.20	
GP-19 - 116	8/20/2025 10:34	0.00	9.90	3.10	87.00	0.06	
GP-19 - 116	8/21/2025 10:10	0.00	11.40	3.50	85.10	0.05	
GP-19 - 116	8/22/2025 10:11	0.00	11.20	3.10	85.70	-0.23	
GP-19 - 116	8/25/2025 08:58	0.00	9.80	3.80	86.40	-0.21	
GP-19 - 116	8/26/2025 08:21	0.00	10.73	2.93	86.34	-0.51	
GP-19 - 116	8/27/2025 09:48	0.00	10.30	3.10	86.60	-0.31	
GP-19 - 116	8/28/2025 10:39	0.00	10.20	3.20	86.60	-0.10	
GP-19 - 116	8/29/2025 08:27	0.00	10.50	3.20	86.30	-0.24	
GP-19 - 116	9/2/2025 10:46	0.00	10.20	3.30	86.50	-0.59	
GP-19 - 116	9/3/2025 08:15	0.00	10.50	3.40	86.10	-0.38	
GP-19 - 116	9/4/2025 10:49	0.00	10.30	3.50	86.20	0.09	
GP-19 - 116	9/5/2025 11:19	0.00	10.80	3.60	85.60	-0.09	
GP-19 - 116	9/8/2025 08:38	0.00	10.30	3.70	86.00	-0.33	
GP-19 - 116	9/9/2025 09:38	0.00	11.80	4.20	84.00	0.07	
GP-19 - 116	9/10/2025 09:31	0.00	11.70	4.10	84.20	-0.36	
GP-19 - 116	9/11/2025 11:20	0.00	10.00	3.80	86.20	-0.18	
GP-19 - 116	9/12/2025 10:48	0.00	10.00	3.80	86.20	-0.12	
GP-19 - 116	9/15/2025 10:04	0.00	10.20	3.90	85.90	-0.31	
GP-19 - 116	9/16/2025 10:17	0.00	9.80	4.20	86.00	-0.39	
GP-19 - 116	9/17/2025 10:03	0.00	9.80	4.20	86.00	-0.08	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-19 - 116	9/18/2025 10:45	0.00	10.90	4.50	84.60	-0.19	
GP-19 - 116	9/19/2025 11:02	0.00	10.20	4.50	85.30	-0.36	
GP-19 - 116	9/22/2025 10:29	0.00	10.30	4.60	85.10	-0.02	
GP-19 - 116	9/23/2025 08:18	0.00	10.80	4.50	84.70	-0.36	
GP-19 - 116	9/24/2025 08:11	0.00	10.10	4.80	85.10	-0.52	
GP-19 - 116	9/25/2025 08:56	0.00	9.80	4.80	85.40	-0.39	
GP-19 - 116	9/26/2025 10:41	0.00	10.90	4.90	84.20	-0.05	
GP-19 - 116	9/29/2025 10:21	0.00	9.70	4.90	85.40	-0.16	
GP-19 - 116	9/30/2025 10:59	0.00	9.30	4.80	85.90	-0.34	Valve Adjustment:Reduced System Vac/Flare Down
GP-1R - 26	7/23/2025 10:50	0.00	4.80	14.20	81.00	0.02	
GP-1R - 26	8/19/2025 11:11	0.00	0.40	17.80	81.80	0.00	
GP-1R - 26	8/29/2025 07:42	0.00	11.00	8.30	80.70	-0.03	
GP-1R - 26	9/29/2025 10:37	0.00	11.20	7.80	81.00	0.04	
GP-1R - 38	7/23/2025 10:53	0.00	3.30	16.20	80.50	0.01	
GP-1R - 38	8/19/2025 11:14	0.00	0.10	20.10	79.80	-0.02	
GP-1R - 38	8/29/2025 07:45	0.00	11.20	7.70	81.10	-0.04	
GP-1R - 38	9/29/2025 10:40	0.00	11.30	7.60	81.10	0.03	
GP-1R - 47	7/23/2025 10:55	0.00	2.70	16.90	80.40	0.08	
GP-1R - 47	8/19/2025 11:18	0.00	0.10	20.50	79.40	0.01	
GP-1R - 47	8/29/2025 07:48	0.00	10.90	7.50	81.60	-0.04	
GP-1R - 47	9/29/2025 10:42	0.00	11.10	7.30	81.60	0.06	
GP-20 - 60	7/11/2025 10:30	0.00	10.20	8.60	81.20	0.00	
GP-20 - 60	7/18/2025 10:39	0.00	10.60	10.20	79.20	-0.02	
GP-20 - 60	7/25/2025 10:08	0.00	8.40	11.70	79.90	0.00	
GP-20 - 60	8/8/2025 10:25	0.00	7.60	13.30	79.10	0.00	
GP-20 - 60	8/20/2025 10:24	0.00	3.70	16.20	80.10	0.04	
GP-20 - 60	8/22/2025 10:23	0.00	11.00	8.00	81.00	-0.03	
GP-20 - 60	9/4/2025 11:08	0.00	9.70	10.40	79.90	0.02	
GP-20 - 60	9/19/2025 11:09	0.00	14.70	4.60	80.70	-0.05	
GP-20 - 105	7/11/2025 10:34	0.00	9.80	8.90	81.30	0.00	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-20 - 105	7/18/2025 10:43	0.00	10.00	10.80	79.20	-0.02	
GP-20 - 105	7/25/2025 10:11	0.00	7.50	12.40	80.10	-0.02	
GP-20 - 105	8/8/2025 10:29	0.00	7.10	13.30	79.60	0.00	
GP-20 - 105	8/20/2025 10:26	0.00	8.30	11.10	80.60	0.25	
GP-20 - 105	8/22/2025 10:26	0.00	10.60	8.40	81.00	-0.03	
GP-20 - 105	9/4/2025 11:11	0.00	9.40	10.90	79.70	0.03	
GP-20 - 105	9/19/2025 11:13	0.00	14.70	4.50	80.80	-0.07	
GP-20 - 173	7/11/2025 10:40	0.00	9.30	9.40	81.30	-0.01	
GP-20 - 173	7/18/2025 10:49	0.00	7.60	13.00	79.40	-0.03	
GP-20 - 173	7/25/2025 10:16	0.00	6.80	13.20	80.00	0.00	
GP-20 - 173	8/8/2025 10:34	0.00	6.90	13.50	79.60	0.00	
GP-20 - 173	8/20/2025 10:28	0.00	7.00	12.50	80.50	0.00	
GP-20 - 173	8/22/2025 10:31	0.00	9.40	9.60	81.00	-0.05	
GP-20 - 173	9/4/2025 11:16	0.00	8.20	12.30	79.50	0.04	
GP-20 - 173	9/19/2025 11:19	0.00	12.60	6.30	81.10	-0.19	
GP-21 - 10	7/11/2025 11:08	0.00	0.20	20.50	79.30	0.01	
GP-21 - 10	7/18/2025 11:26	0.00	0.20	20.50	79.30	0.02	
GP-21 - 10	7/25/2025 11:00	0.00	0.20	20.10	79.70	0.00	
GP-21 - 10	8/8/2025 11:04	0.00	0.30	20.50	79.20	0.01	
GP-21 - 10	8/20/2025 10:15	0.00	0.10	20.00	79.90	0.02	
GP-21 - 10	8/22/2025 11:07	0.00	0.20	20.80	79.00	0.01	
GP-21 - 10	9/4/2025 13:48	0.00	0.30	21.00	78.70	0.01	
GP-21 - 10	9/19/2025 14:08	0.00	0.20	20.70	79.10	0.00	
GP-21 - 90	7/11/2025 11:12	0.00	1.00	19.30	79.70	-0.29	
GP-21 - 90	7/18/2025 11:30	0.00	1.00	19.30	79.70	-0.23	
GP-21 - 90	7/25/2025 11:04	0.00	0.90	18.90	80.20	-0.37	
GP-21 - 90	8/8/2025 11:07	0.00	0.90	19.70	79.40	-0.23	
GP-21 - 90	8/20/2025 10:18	0.00	1.00	19.10	79.90	-0.23	
GP-21 - 90	8/22/2025 11:11	0.00	0.90	19.90	79.20	-0.27	
GP-21 - 90	9/4/2025 13:51	0.00	1.00	19.90	79.10	0.28	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-21 - 90	9/19/2025 14:11	0.00	1.10	19.80	79.10	-0.30	
GP-21 - 232	7/11/2025 11:18	0.00	3.00	5.20	91.80	0.20	
GP-21 - 232	7/18/2025 11:36	0.00	0.20	19.80	80.00	-0.29	
GP-21 - 232	7/25/2025 11:10	0.00	4.60	9.90	85.50	0.05	
GP-21 - 232	8/8/2025 11:13	0.00	2.80	3.20	94.00	0.31	
GP-21 - 232	8/20/2025 10:19	0.00	0.00	20.10	79.90	-0.02	
GP-21 - 232	8/22/2025 11:17	0.00	2.90	3.00	94.10	0.24	
GP-21 - 232	9/4/2025 13:58	0.00	2.90	2.90	94.20	1.01	
GP-21 - 232	9/19/2025 14:18	0.00	2.90	3.40	93.70	-0.25	
GP-22 - 50	8/1/2025 10:20	0.00	0.60	20.20	79.20	-0.05	
GP-22 - 50	8/20/2025 10:04	0.00	0.70	19.30	80.00	0.07	
GP-22 - 50	9/3/2025 10:21	0.00	0.60	20.30	79.10	-0.02	
GP-22 - 155	8/1/2025 10:26	0.00	0.00	19.10	80.90	-1.12	
GP-22 - 155	8/20/2025 10:06	0.00	0.20	18.50	81.30	-0.21	
GP-22 - 155	9/3/2025 10:27	0.00	0.10	18.90	81.00	-0.41	
GP-22 - 305	8/1/2025 10:34	0.00	1.00	15.20	83.80	-1.11	
GP-22 - 305	8/20/2025 10:08	0.00	0.00	20.20	79.80	-0.32	
GP-22 - 305	9/3/2025 10:36	0.00	3.70	4.70	91.60	-0.42	
GP-23 - 35	8/1/2025 10:48	0.00	2.00	19.20	78.80	0.00	
GP-23 - 35	8/20/2025 09:51	0.00	2.50	18.00	79.50	-0.02	
GP-23 - 35	9/2/2025 11:07	0.00	1.10	19.60	79.30	-0.01	
GP-23 - 77	8/1/2025 10:52	0.00	6.00	13.10	80.90	-0.50	
GP-23 - 77	8/20/2025 09:53	0.00	5.00	13.90	81.10	-0.05	
GP-23 - 77	9/2/2025 11:11	0.00	6.10	12.70	81.20	-0.63	
GP-23 - 132	8/1/2025 10:58	0.00	1.70	13.10	85.20	-1.32	
GP-23 - 132	8/20/2025 09:55	0.00	2.20	15.40	82.40	-0.21	
GP-23 - 132	9/2/2025 11:17	0.00	1.40	11.70	86.90	-1.34	
GP-24 - 12	8/8/2025 13:40	0.00	1.10	19.80	79.10	0.00	
GP-24 - 12	8/20/2025 09:36	0.00	1.00	19.90	79.10	0.02	
GP-24 - 12	9/3/2025 13:26	0.00	1.30	19.70	79.00	0.00	

Chiquita Canyon Landfill - Monitoring Probes Data - 07/01/2025 to 09/30/2025

Point Name	Record Date	CH4 (% by vol)	CO2 (% by vol)	O2 (% by vol)	Bal Gas (% by vol)	Rel Press ("H2O)	Comments
GP-24 - 40	8/8/2025 13:42	0.00	3.20	17.20	79.60	-0.01	
GP-24 - 40	8/20/2025 09:38	0.00	3.20	17.20	79.60	-0.07	
GP-24 - 40	9/3/2025 13:29	0.00	3.90	17.00	79.10	0.01	
GP-24 - 70	8/8/2025 13:45	0.00	0.00	21.60	78.40	-0.03	
GP-24 - 70	8/20/2025 09:40	0.00	0.20	20.60	79.20	-0.01	
GP-24 - 70	9/3/2025 13:32	0.00	0.00	21.60	78.40	0.00	
GP-25 - 14	8/8/2025 14:01	0.00	0.50	20.20	79.30	-0.01	
GP-25 - 14	8/20/2025 09:21	0.00	0.80	20.10	79.10	-0.05	
GP-25 - 14	9/3/2025 13:53	0.00	0.50	21.60	77.90	0.01	
GP-25 - 50	8/8/2025 14:03	0.00	0.00	21.10	78.90	0.39	
GP-25 - 50	8/20/2025 09:23	0.00	0.50	19.70	79.80	-0.03	
GP-25 - 50	9/3/2025 13:56	0.00	0.00	21.00	79.00	0.64	
GP-25 - 80	8/8/2025 14:06	0.00	0.00	21.10	78.90	-0.01	
GP-25 - 80	8/20/2025 09:25	0.00	0.10	20.70	79.20	-0.01	
GP-25 - 80	9/3/2025 14:00	0.00	0.00	21.20	78.80	-0.02	

EXHIBIT I

Rule 1150.1 Site Monitoring Map

Exhibit I

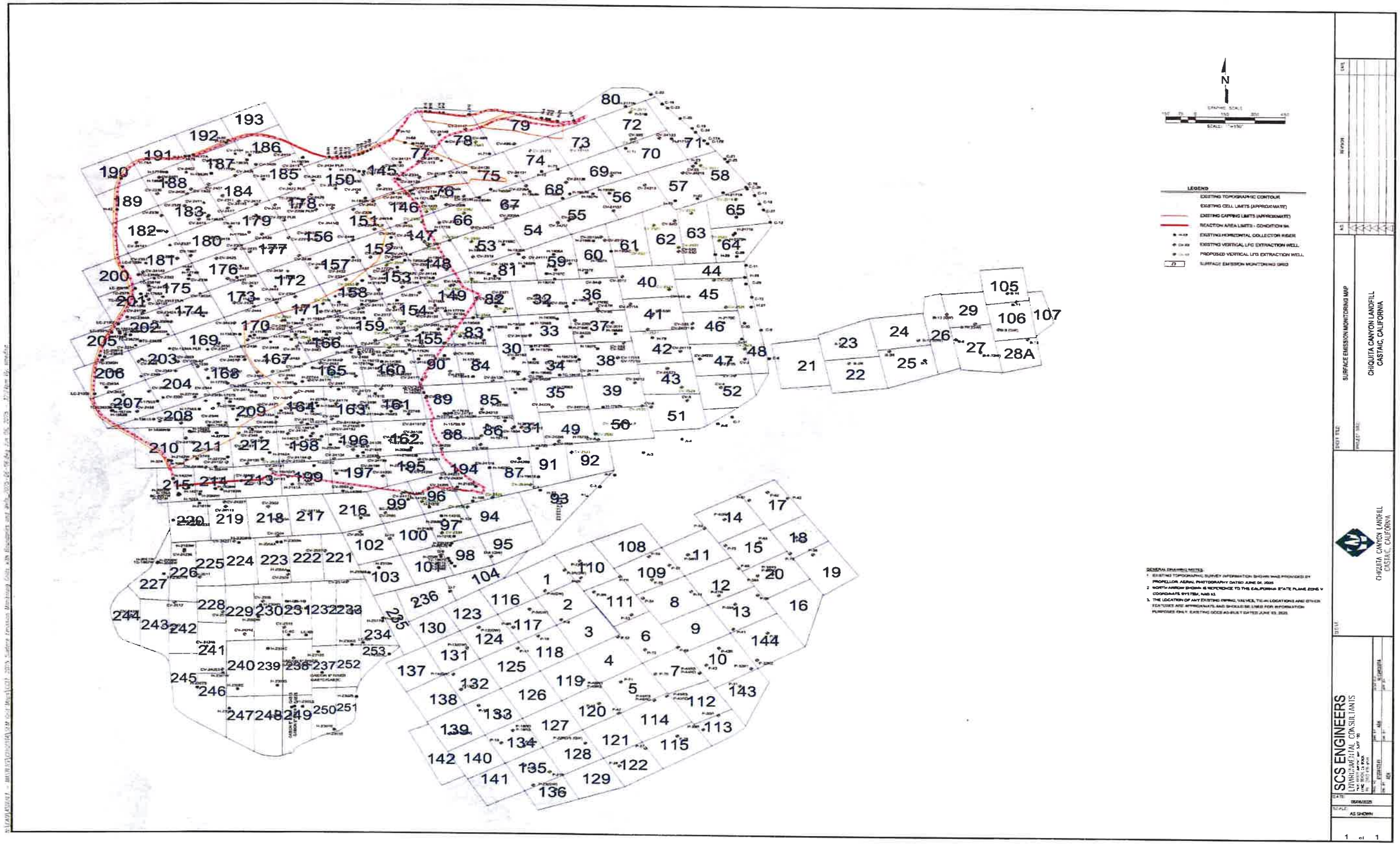

N
LEGEND
EXISTING TOPOGRAPHIC CONTOUR
EXISTING CELL LIMITS (APPROXIMATE)
EXISTING CAPPING LIMITS (APPROXIMATE)
REACTION AREA LIMITS - CONDITION 9A
EXISTING HORIZONTAL COLLECTOR RISER
EXISTING VERTICAL LFG EXTRACTION WELL
PROPOSED VERTICAL LFG EXTRACTION WELL
SURFACE EMISSION MONITORING GRID
GENERAL DRAWING NOTES:
1. EXISTING TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS PROVIDED BY PROPELLOR AERIAL PHOTOGRAPHY DATED JUNE 04, 2025
2. NORTH ARROW SHOWN IS REFERENCE TO THE CALIFORNIA STATE PLANE ZONE V COORDINATE SYSTEM, NAD 83.
3. THE LOCATION OF ANY EXISTING PIPING, VALVES, TIE-IN LOCATIONS AND OTHER FEATURES ARE APPROXIMATE AND SHOULD BE USED FOR INFORMATION PURPOSES ONLY. EXISTING GCCS AS-BUILT DATED JUNE 03, 2025.
SURFACE EMISSION MONITORING MAP
CHIQUITA CANYON LANDFILL
CASTAIC, CALIFORNIA
SCS ENGINEERS
ENVIRONMENTAL CONSULTANTS
DATE
SCALE
AS SHOWN
1 of 1

EXHIBIT II

Instantaneous Grids Over 500 ppm Map

Exhibit II

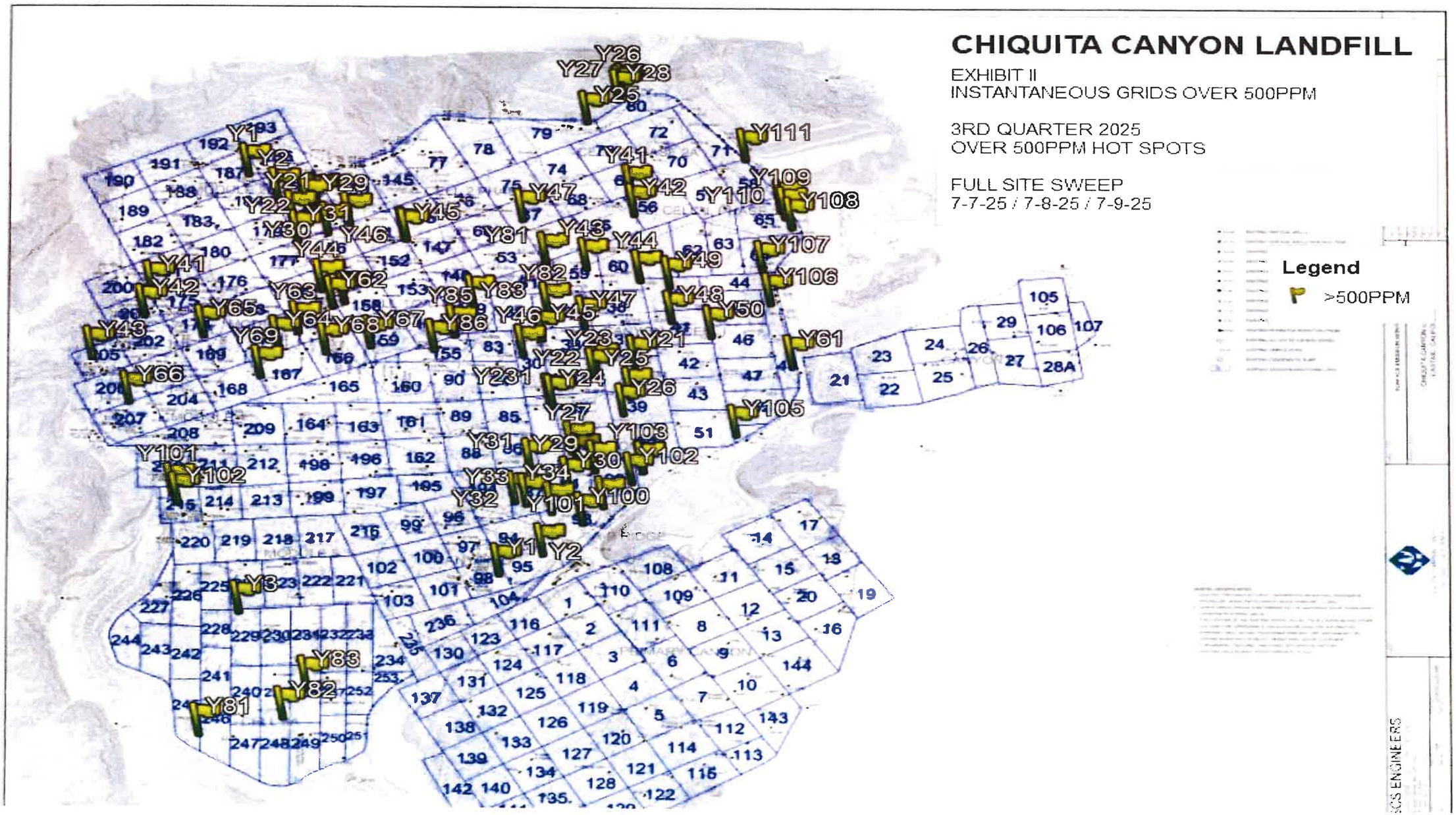

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPM HOT SPOTS
FULL SITE SWEEP
7-7-25 / 7-8-25 / 7-9-25
Legend
>500PPM

Exhibit II

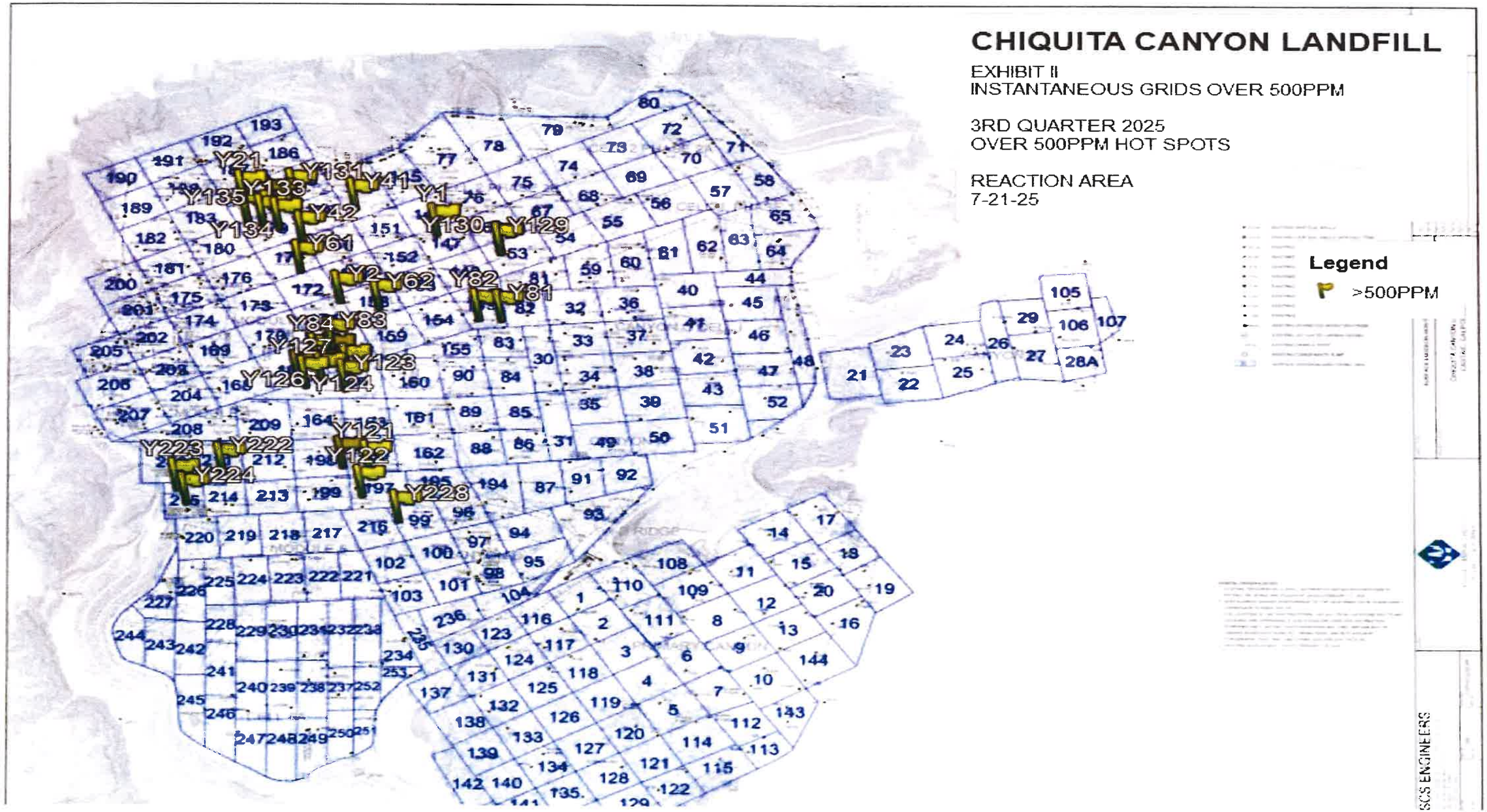

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPM HOT SPOTS
REACTION AREA
7-21-25
Legend
>500PPM
SCS ENGINEERS

Exhibit II

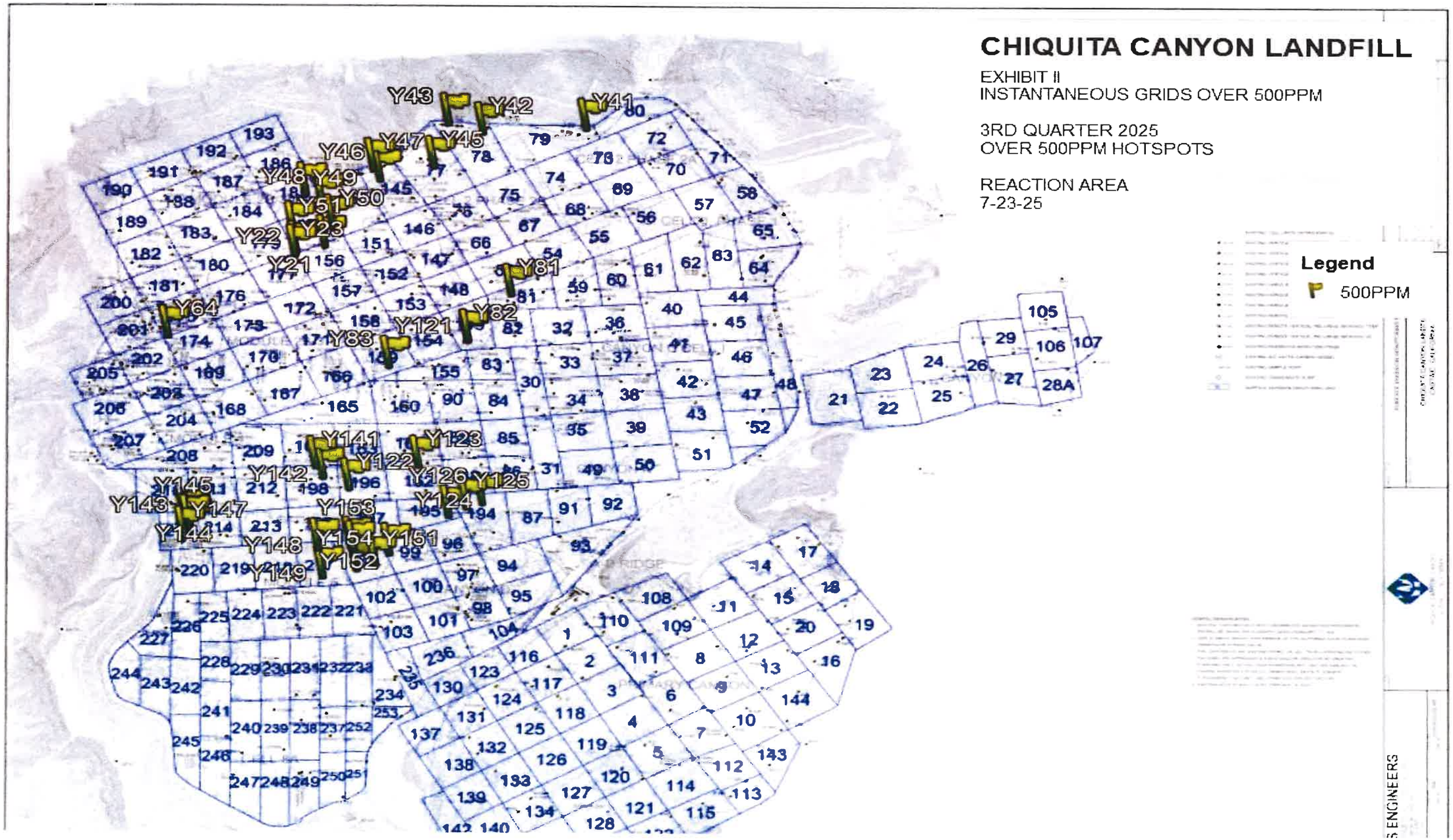

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPM HOTSPOTS
REACTION AREA
7-23-25
Legend
500PPM
Y43
Y42
Y41
Y46
Y47
Y45
Y48
Y49
Y51
Y50
Y22
Y23
Y21
Y81
Y64
Y121
Y82
Y83
Y141
Y123
Y122
Y142
Y126
Y125
Y145
Y143
Y147
Y124
Y153
Y144
Y154
Y151
Y148
Y152
Y149

Exhibit II

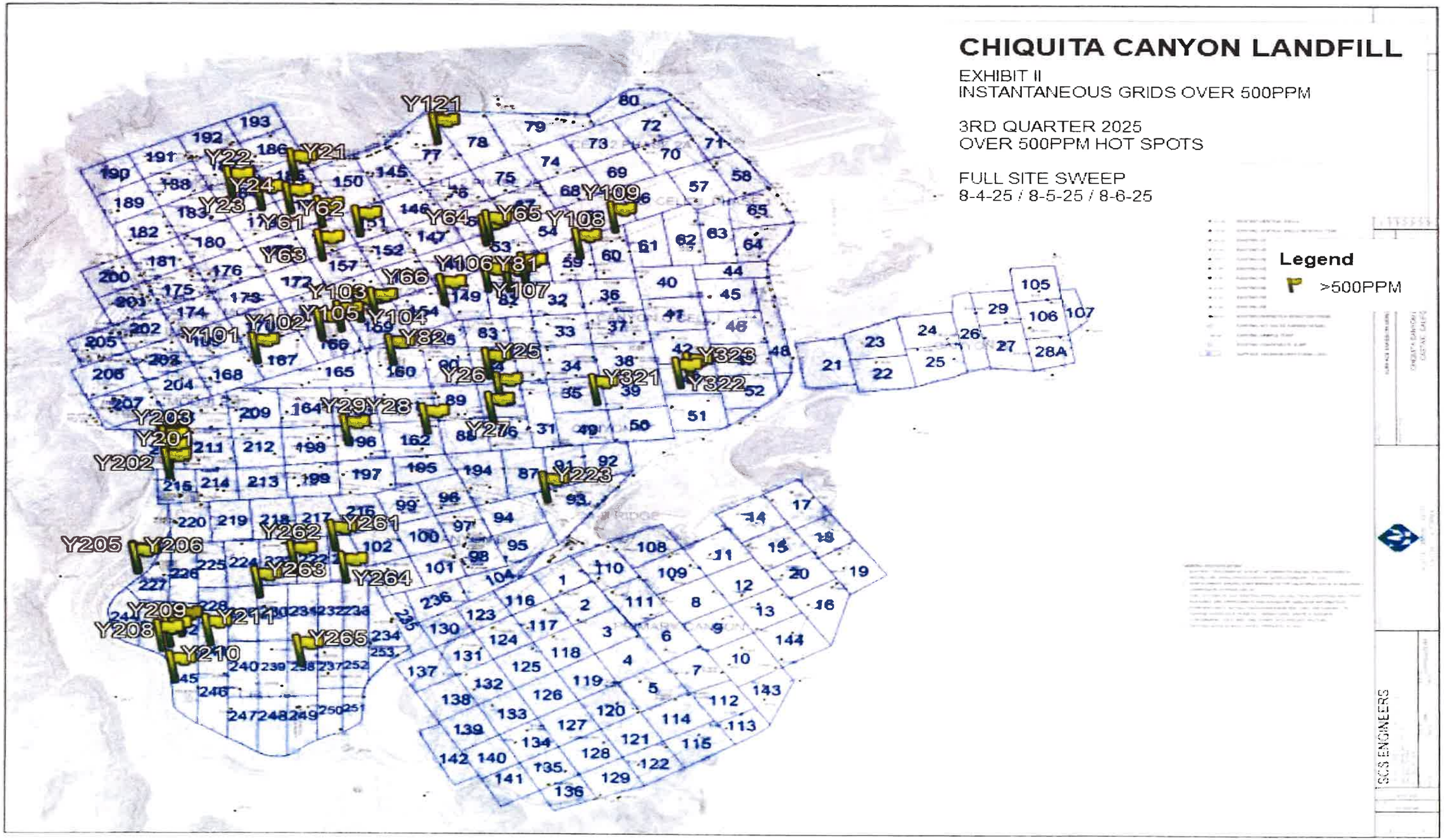

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPM HOT SPOTS
FULL SITE SWEEP
8-4-25 / 8-5-25 / 8-6-25
Legend
>500PPM
SCS ENGINEERS

Exhibit II

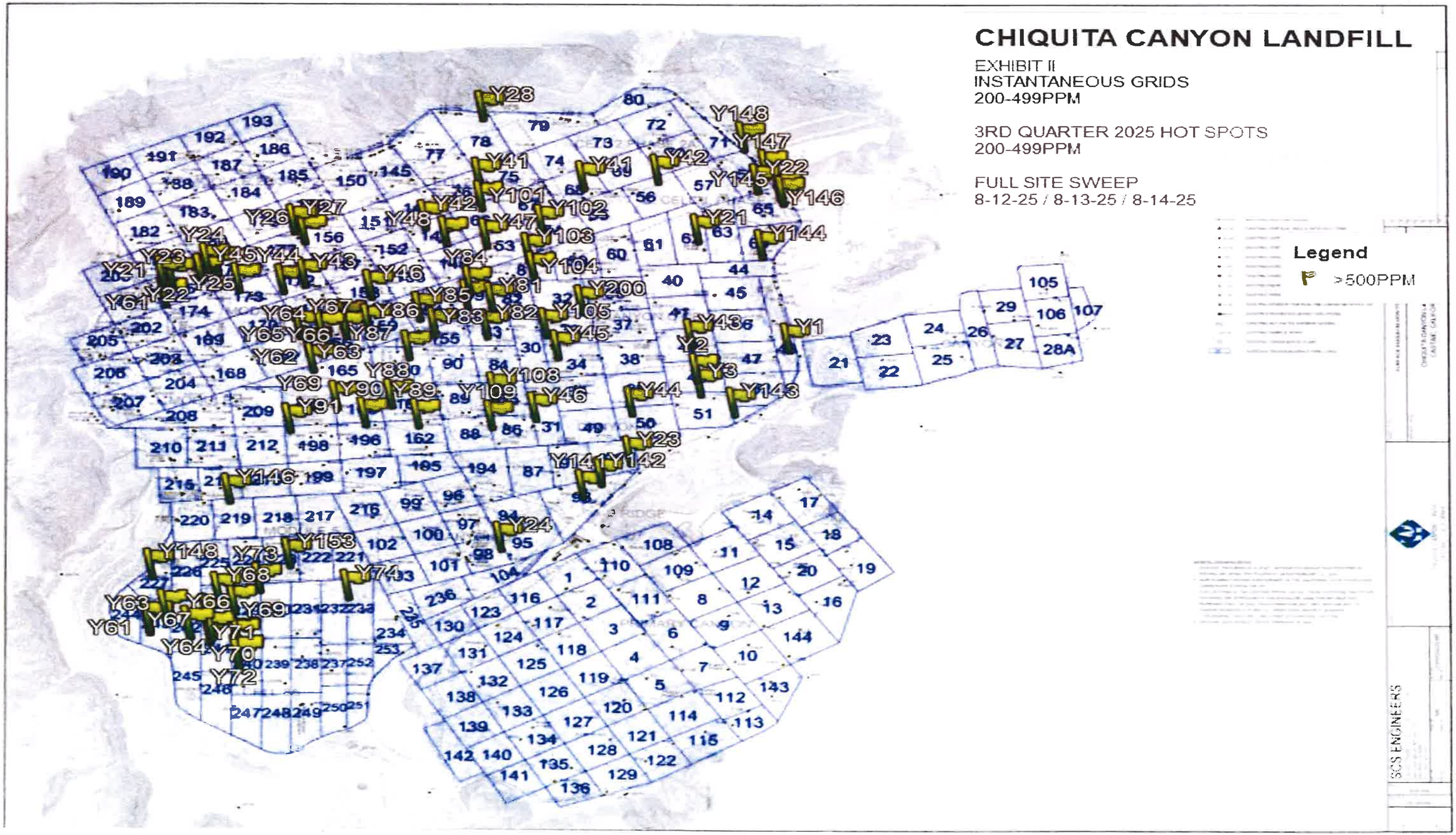

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
FULL SITE SWEEP
8-12-25 / 8-13-25 / 8-14-25
Legend
>500PPM
SCS ENGINEERS

Exhibit II

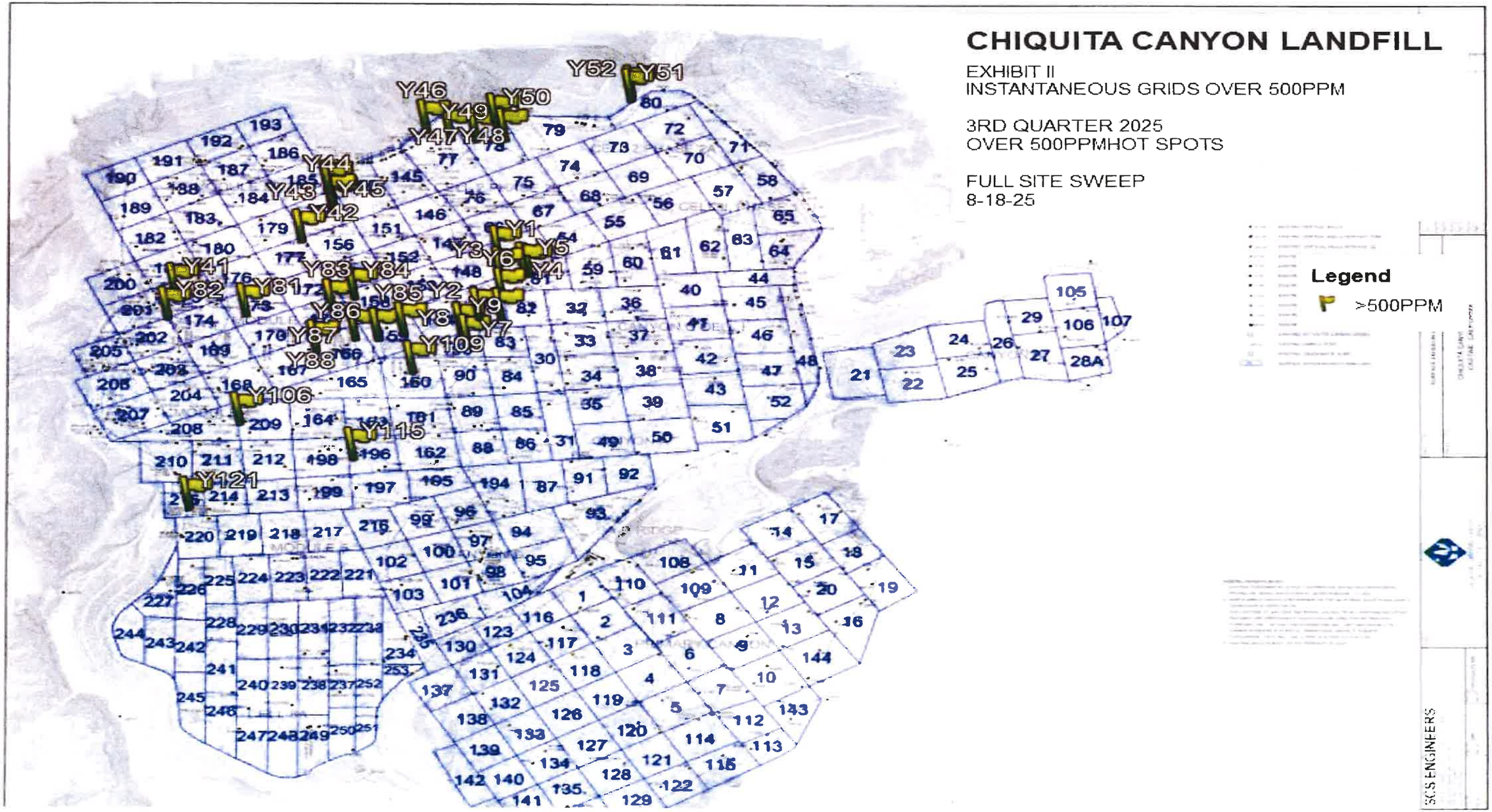

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPMHOT SPOTS
FULL SITE SWEEP
8-18-25
Legend
>500PPM
SCS ENGINEERS

Exhibit II

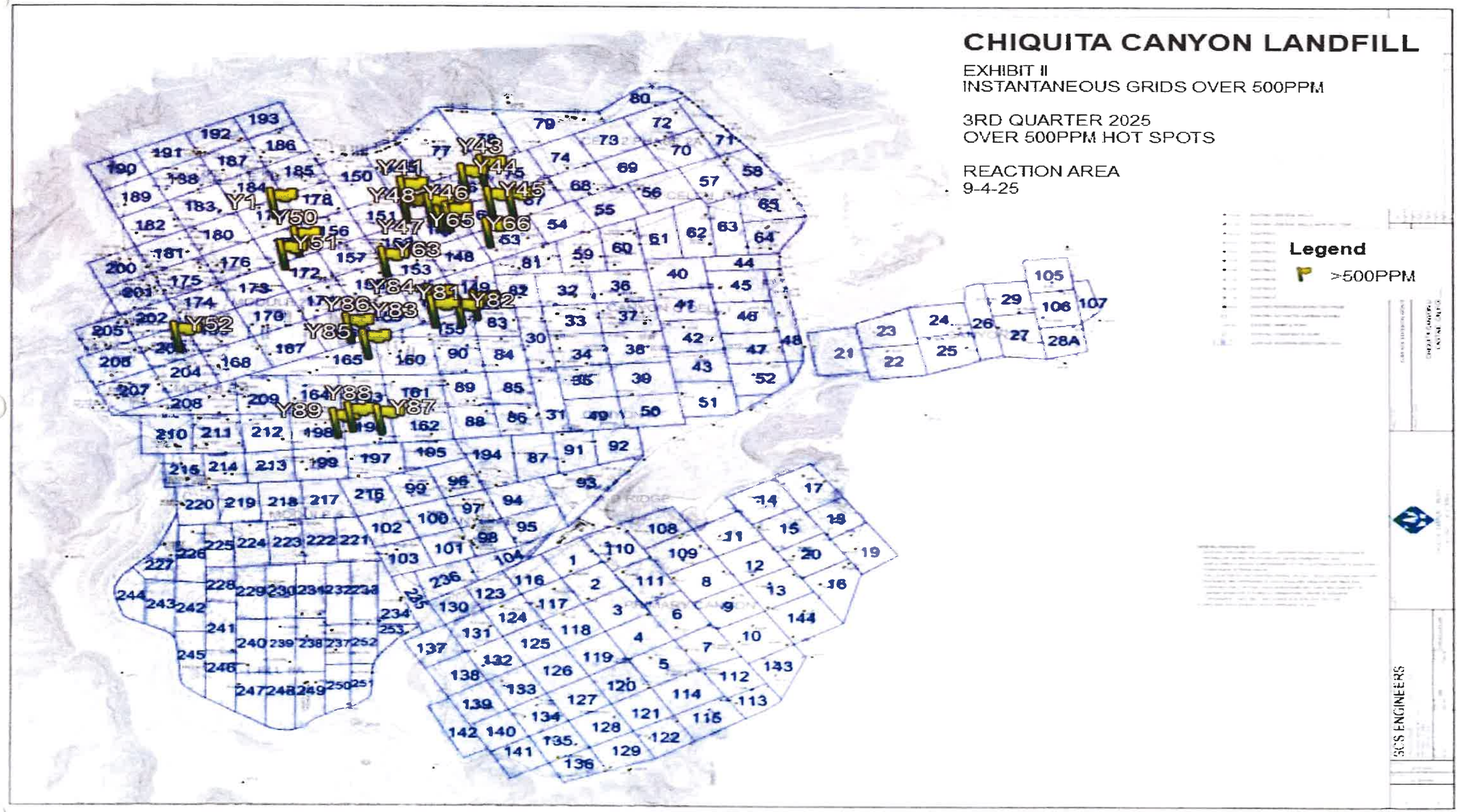

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPM HOT SPOTS
REACTION AREA
9-4-25
Legend
>500PPM
Y1
Y43
Y44
Y45
Y46
Y47
Y48
Y50
Y51
Y52
Y63
Y65
Y66
Y81
Y82
Y83
Y84
Y85
Y86
Y87
Y88
Y89
SCS ENGINEERS

Exhibit II

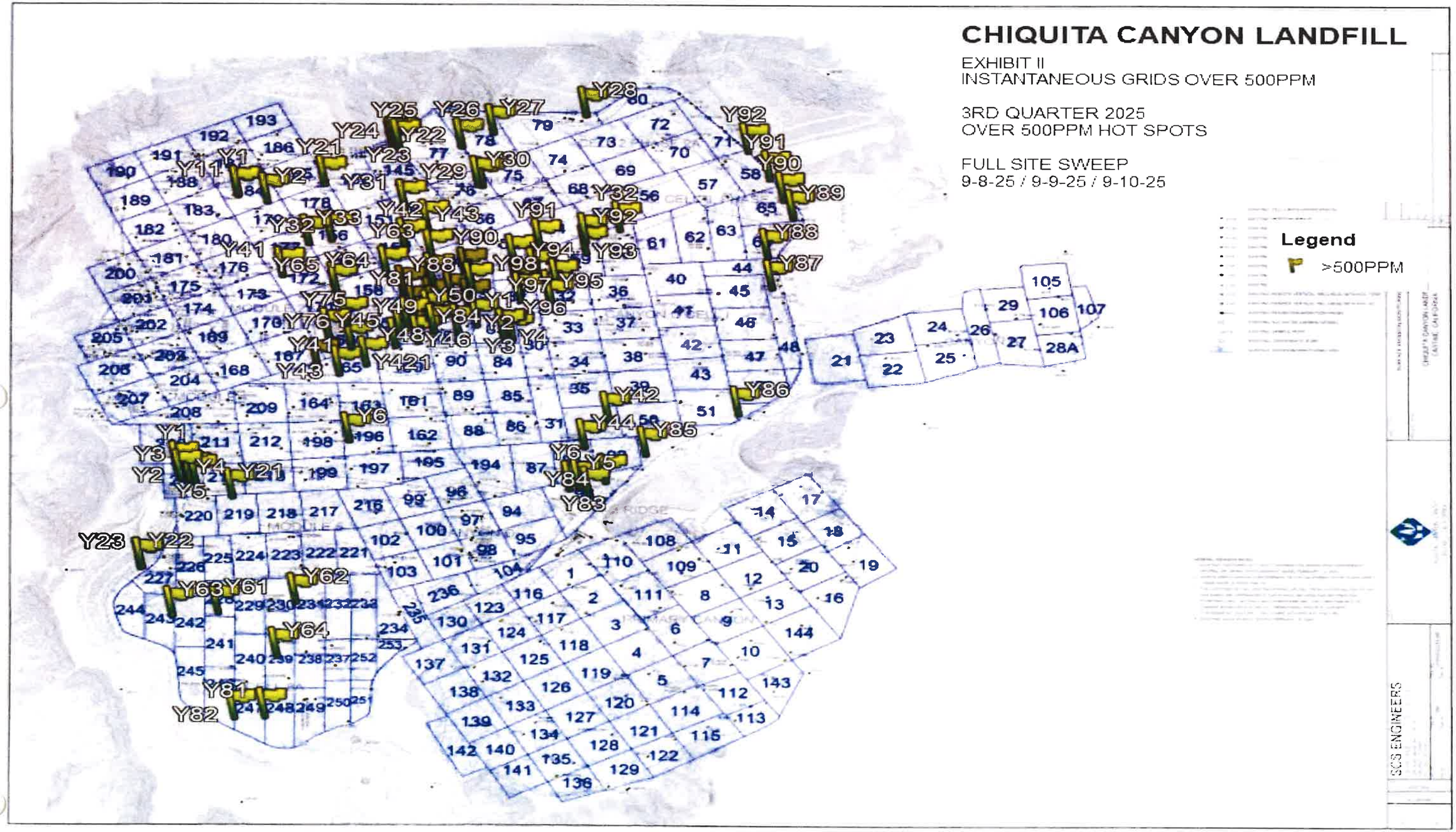

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPM HOT SPOTS
FULL SITE SWEEP
9-8-25 / 9-9-25 / 9-10-25
Legend
>500PPM
SCS ENGINEERS

Exhibit II

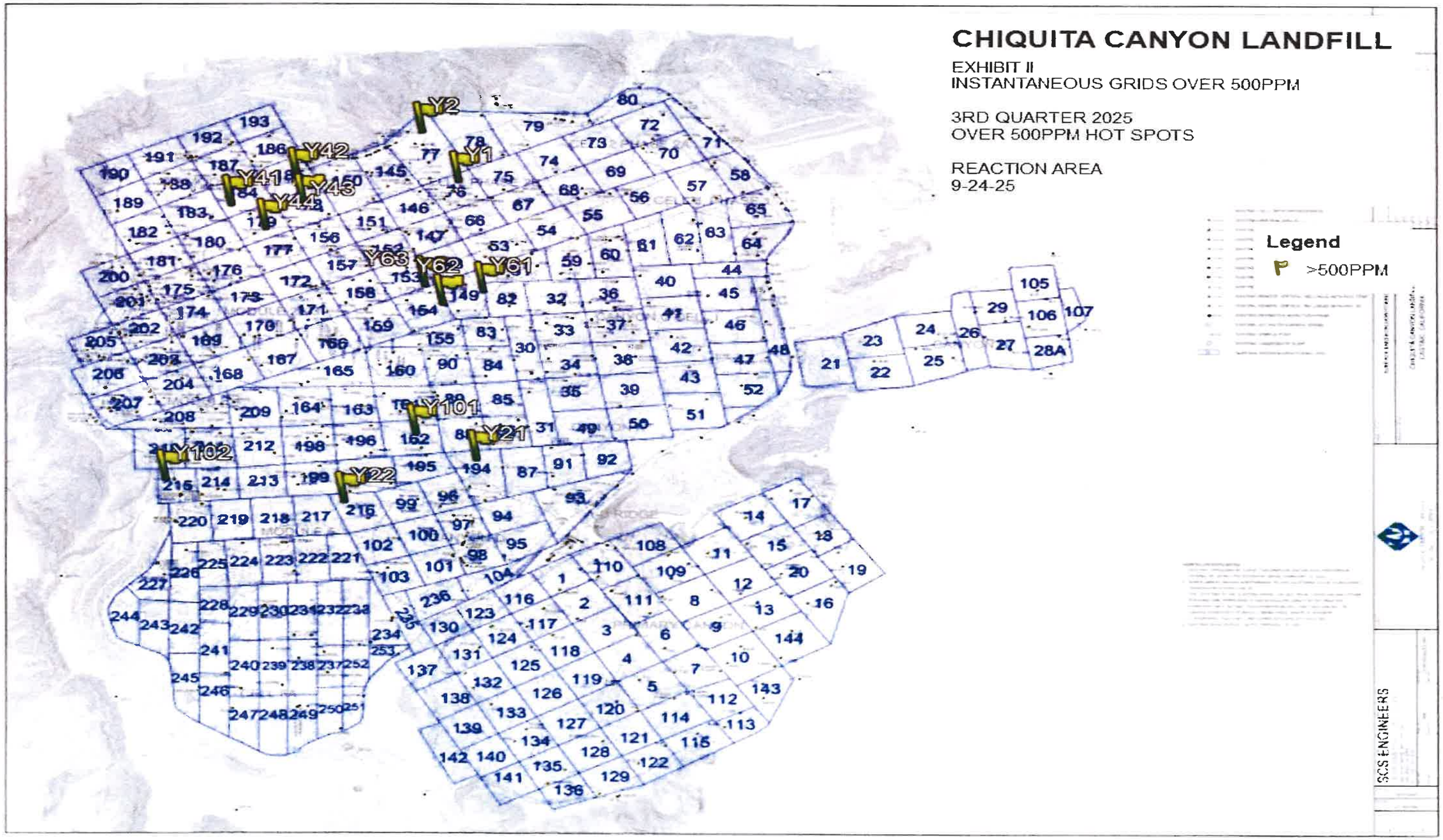

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS OVER 500PPM
3RD QUARTER 2025
OVER 500PPM HOT SPOTS
REACTION AREA
9-24-25
Legend
>500PPM
Y2
Y42
Y41
Y43
Y44
Y1
Y63
Y62
Y61
Y101
Y21
Y102
Y22
SCS ENGINEERS

EXHIBIT II

Instantaneous Grids Over 200-499 ppm Map

Exhibit II

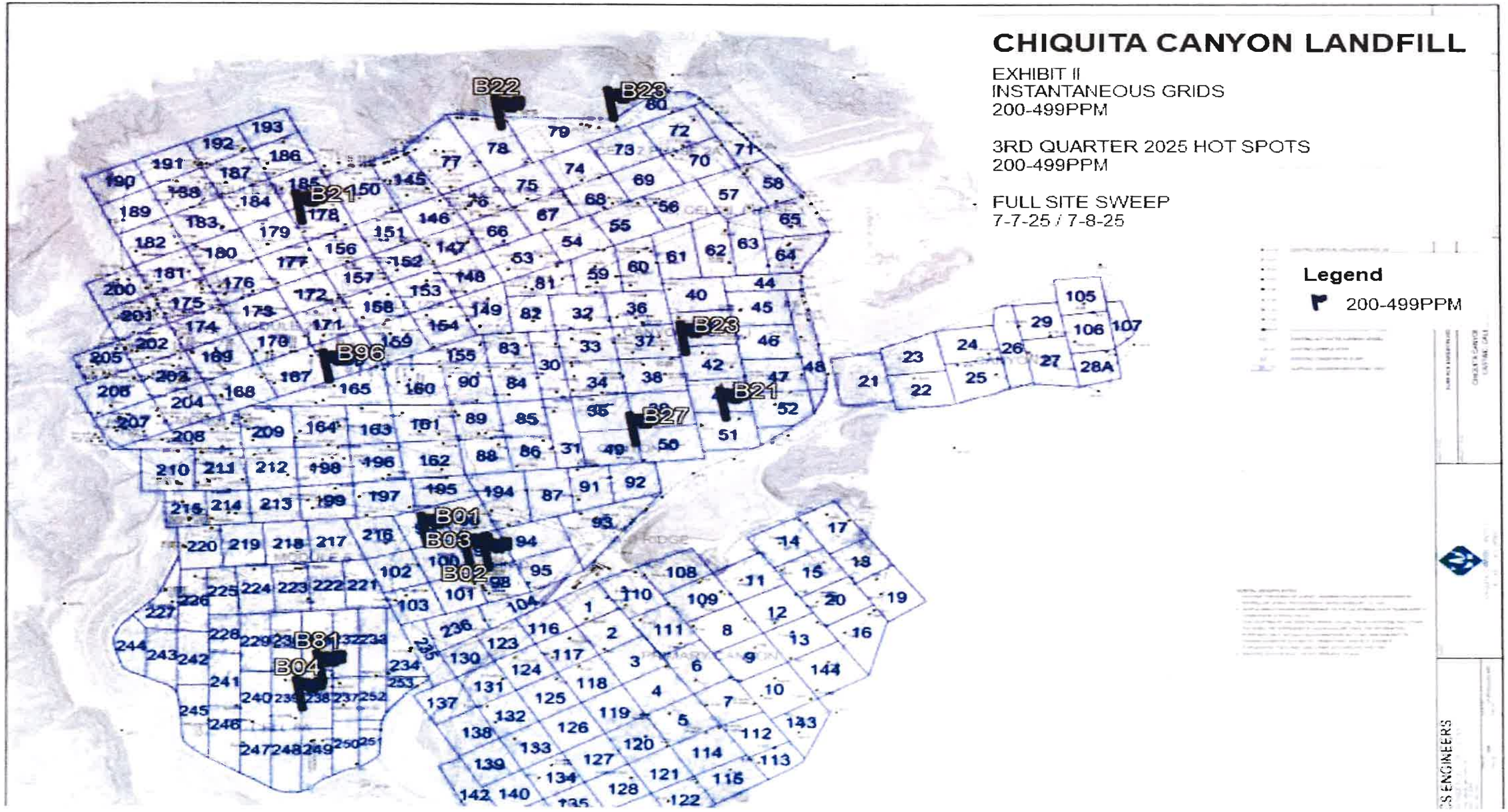

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
FULL SITE SWEEP
7-7-25 / 7-8-25
Legend
200-499PPM
B22
B23
B21
B96
B27
B01
B03
B02
B81
B04
RIDGE
S ENGINEERS

Exhibit II

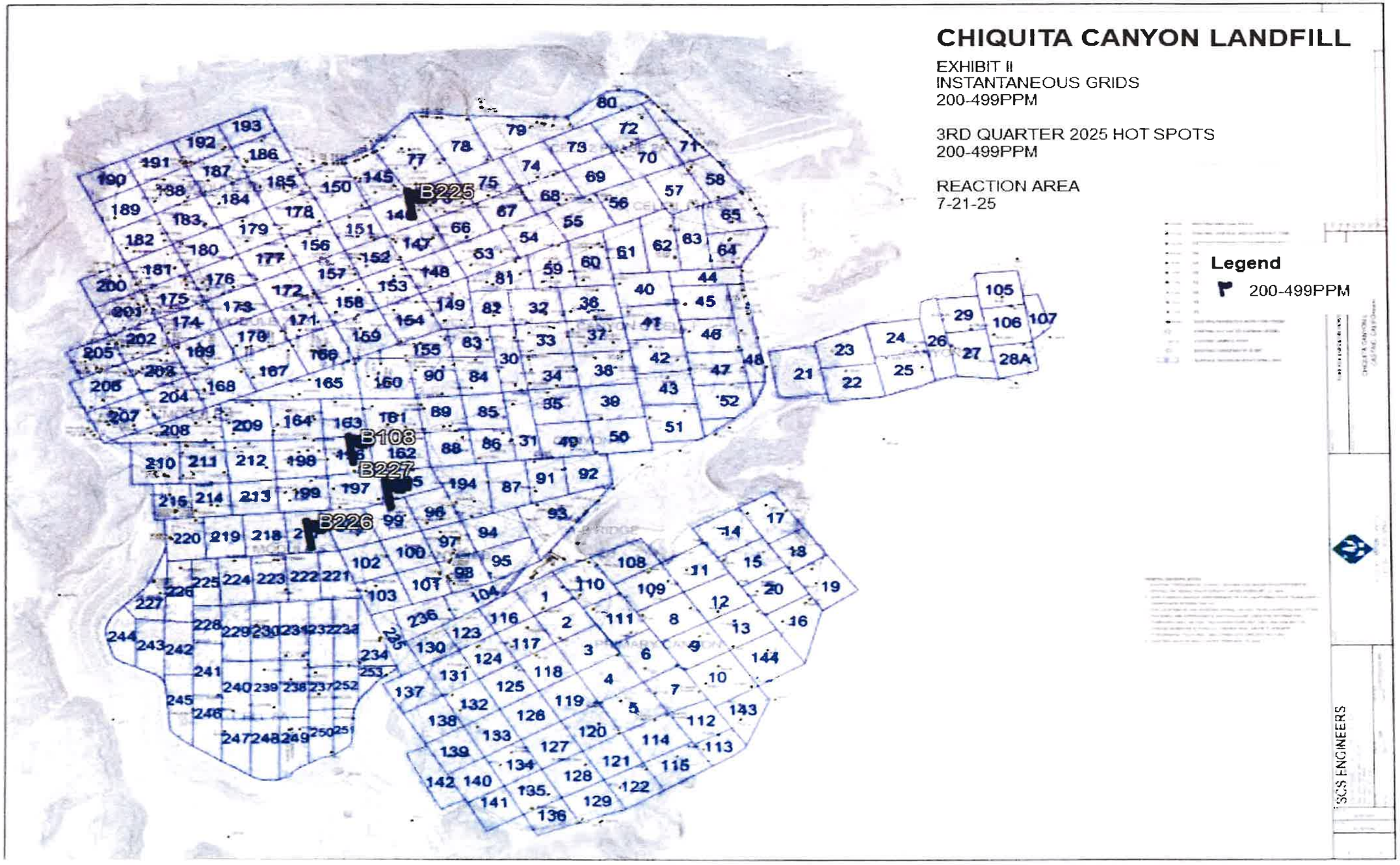

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
REACTION AREA
7-21-25
Legend
200-499PPM
B225
B108
B227
B226
SCS ENGINEERS

Exhibit II

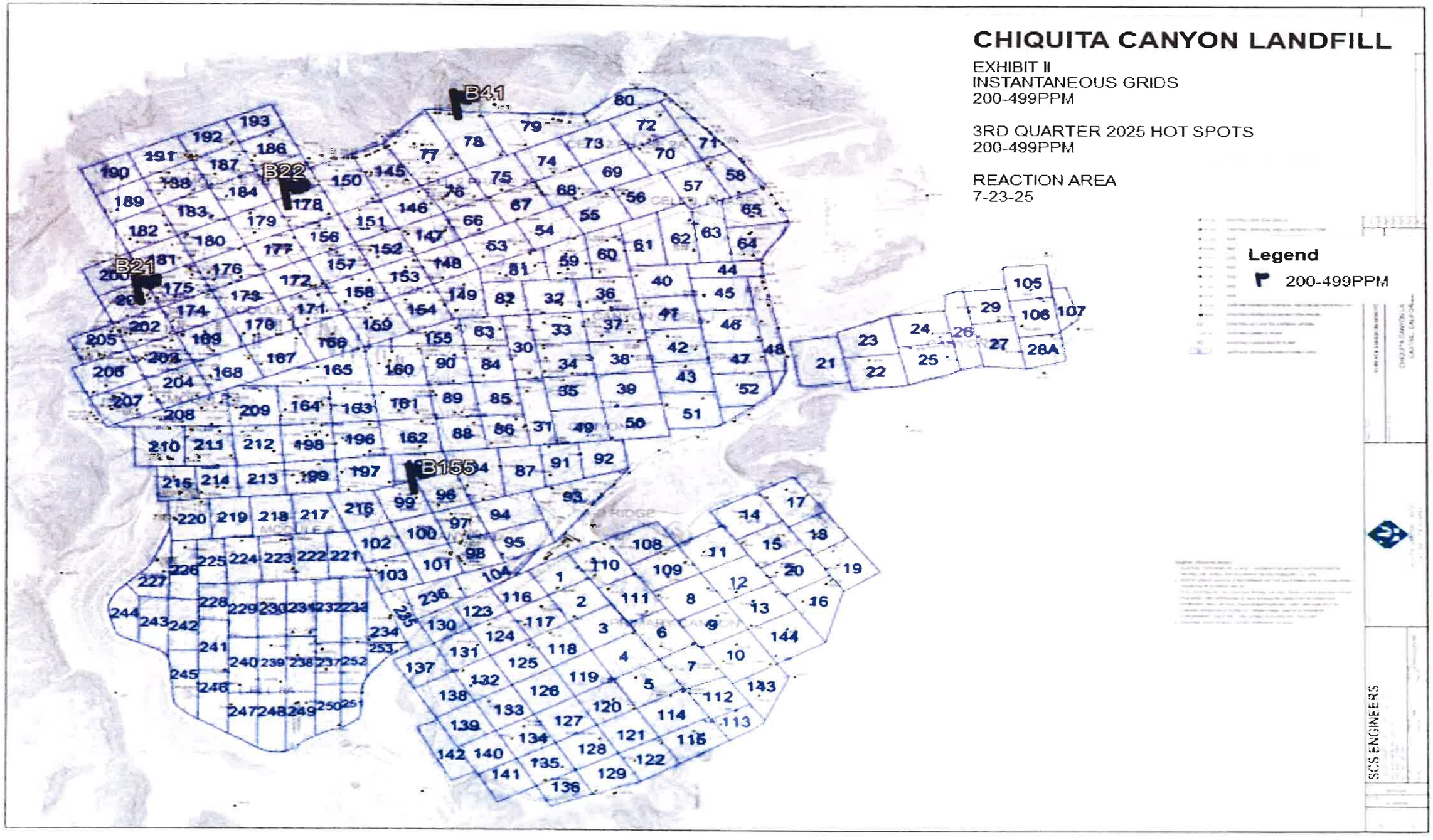

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
REACTION AREA
7-23-25
Legend
200-499PPM
B41
B22
B21
B155
SCS ENGINEERS

Exhibit II

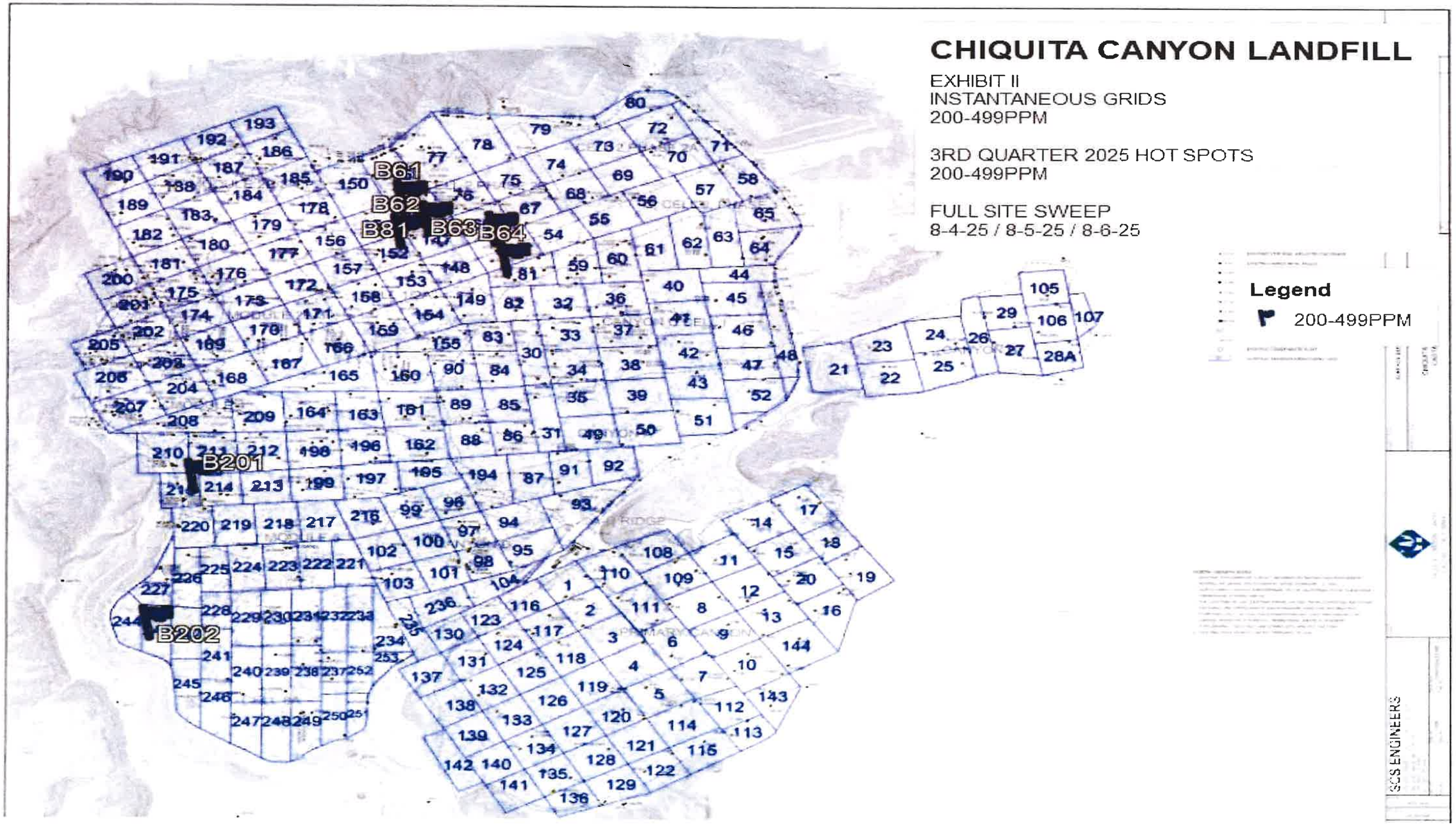

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
FULL SITE SWEEP
8-4-25 / 8-5-25 / 8-6-25
Legend
200-499PPM
B61
B62
B81
B63
B64
B201
B202
SCS ENGINEERS

Exhibit II

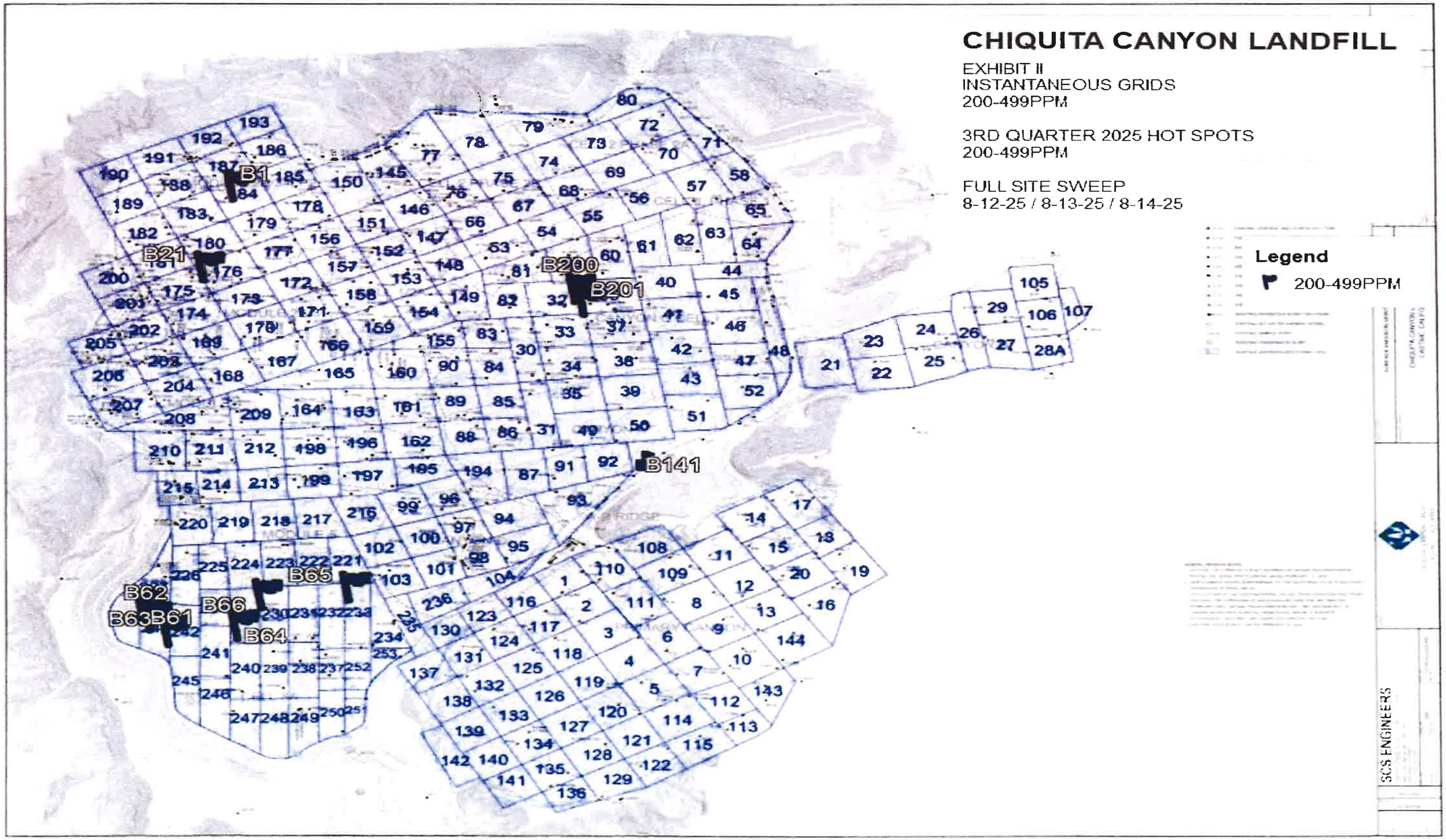

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
FULL SITE SWEEP
8-12-25 / 8-13-25 / 8-14-25
Legend
200-499PPM
B1
B21
B200
B201
B141
B65
B62
B66
B63
B61
B64
SCS ENGINEERS

Exhibit II

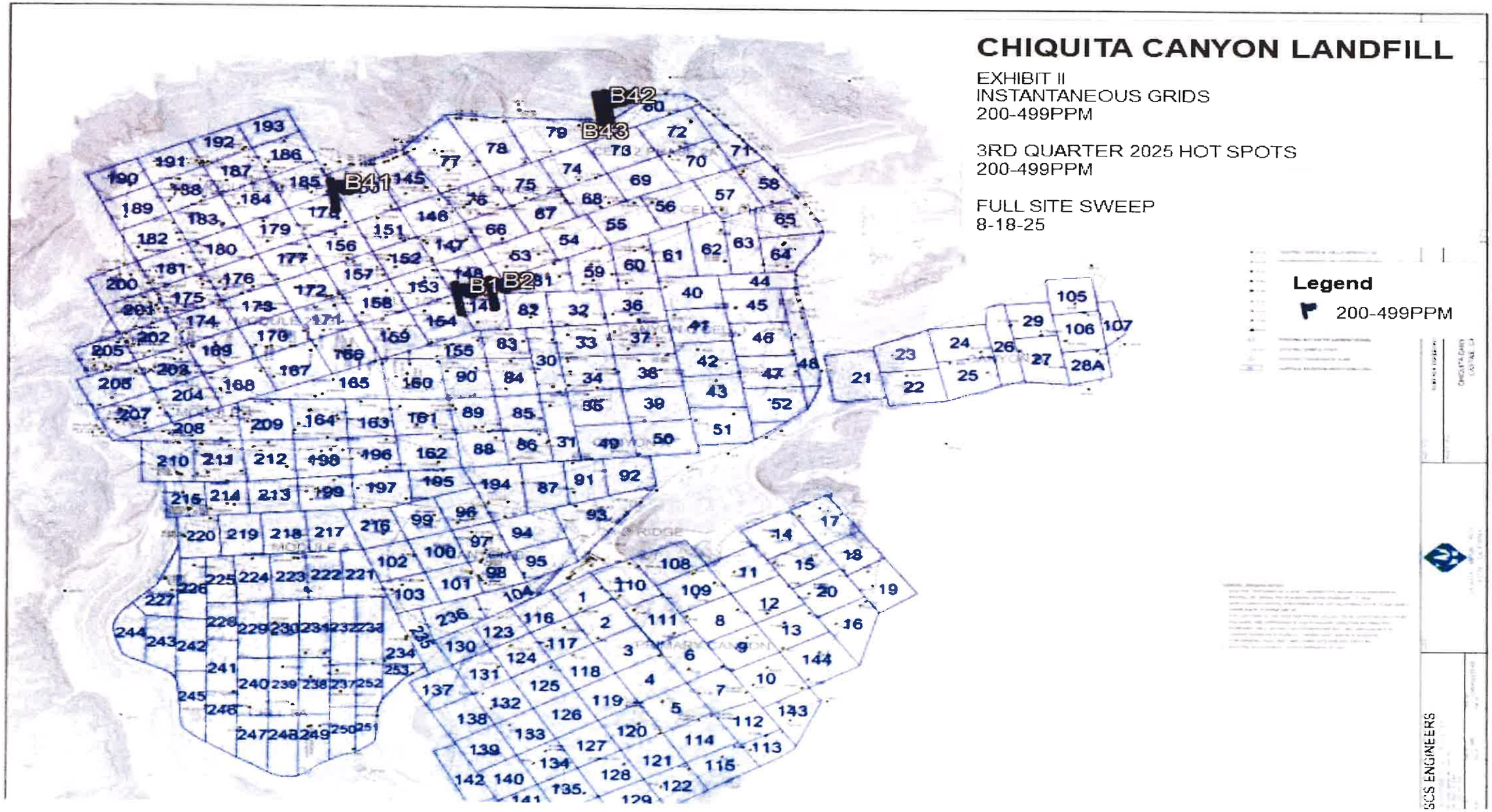

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
FULL SITE SWEEP
8-18-25
Legend
200-499PPM
B1
B2
B41
B42
B43
SCS ENGINEERS

Exhibit II

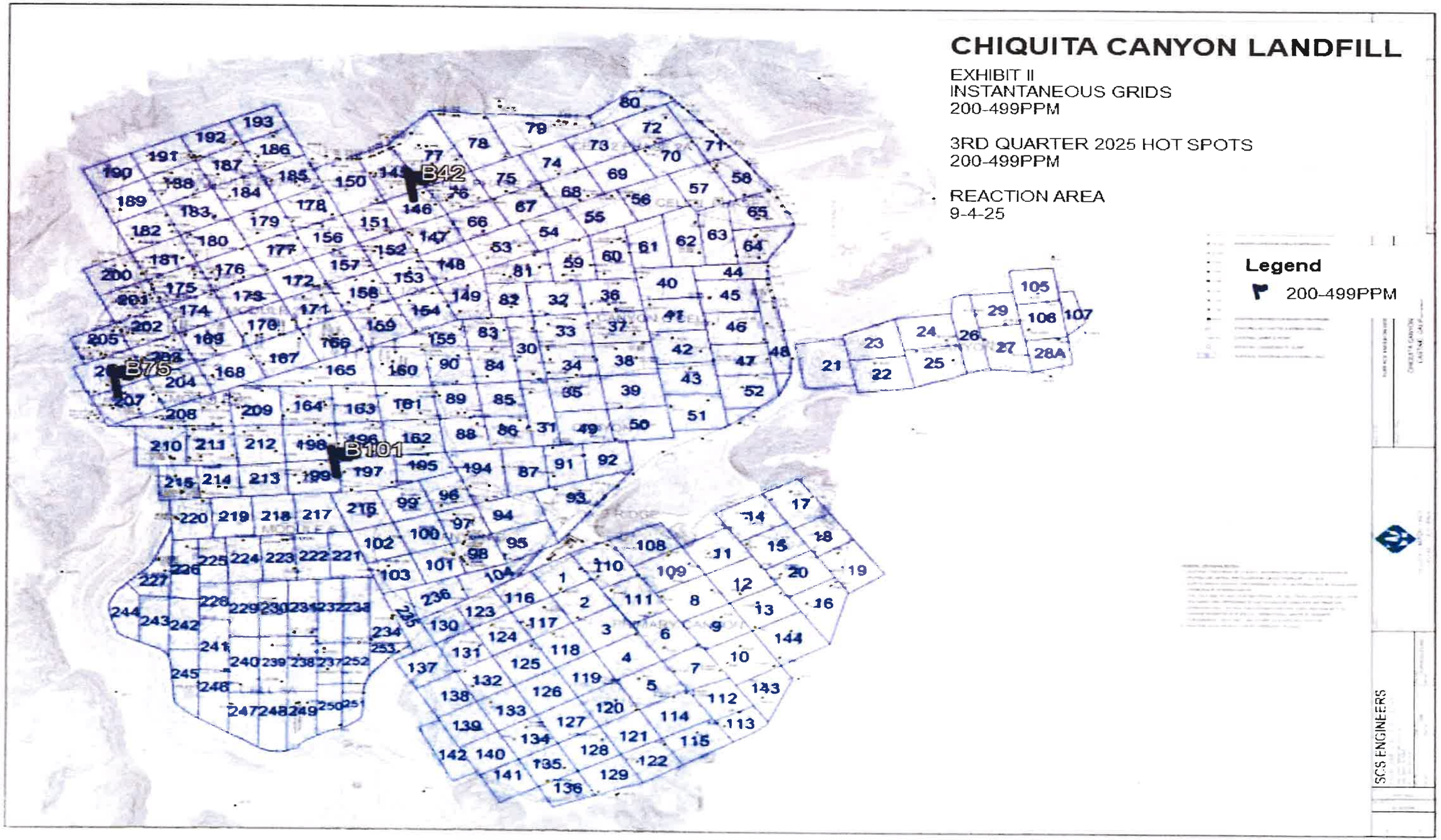

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
REACTION AREA
9-4-25
Legend
200-499PPM
B42
B75
B101
SCS ENGINEERS

Exhibit II

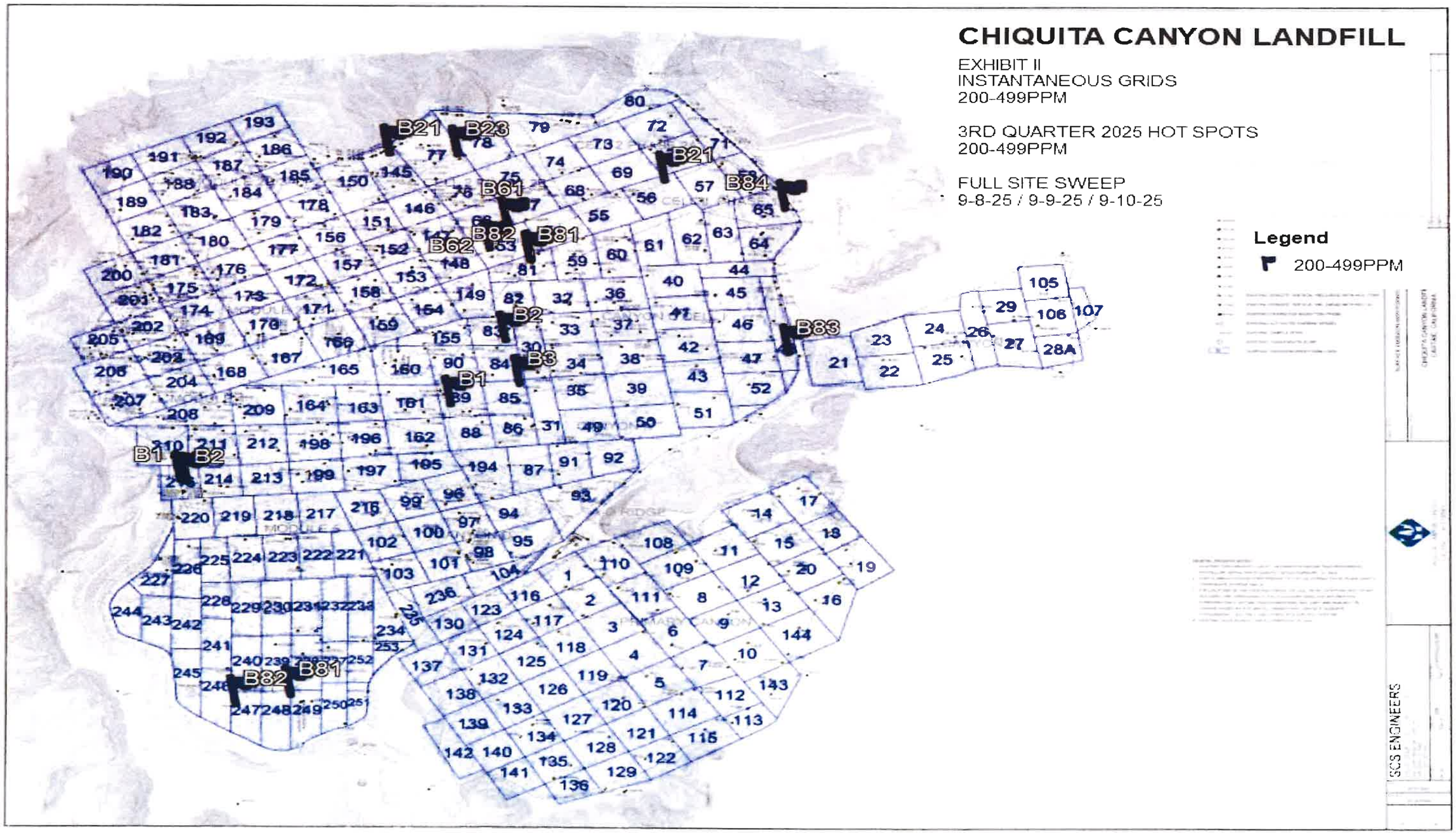

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
FULL SITE SWEEP
9-8-25 / 9-9-25 / 9-10-25
Legend
200-499PPM
B21
B23
B21
B84
B61
B82
B81
B62
B2
B83
B3
B1
B1
B2
B82
B81
SCS ENGINEERS

Exhibit II

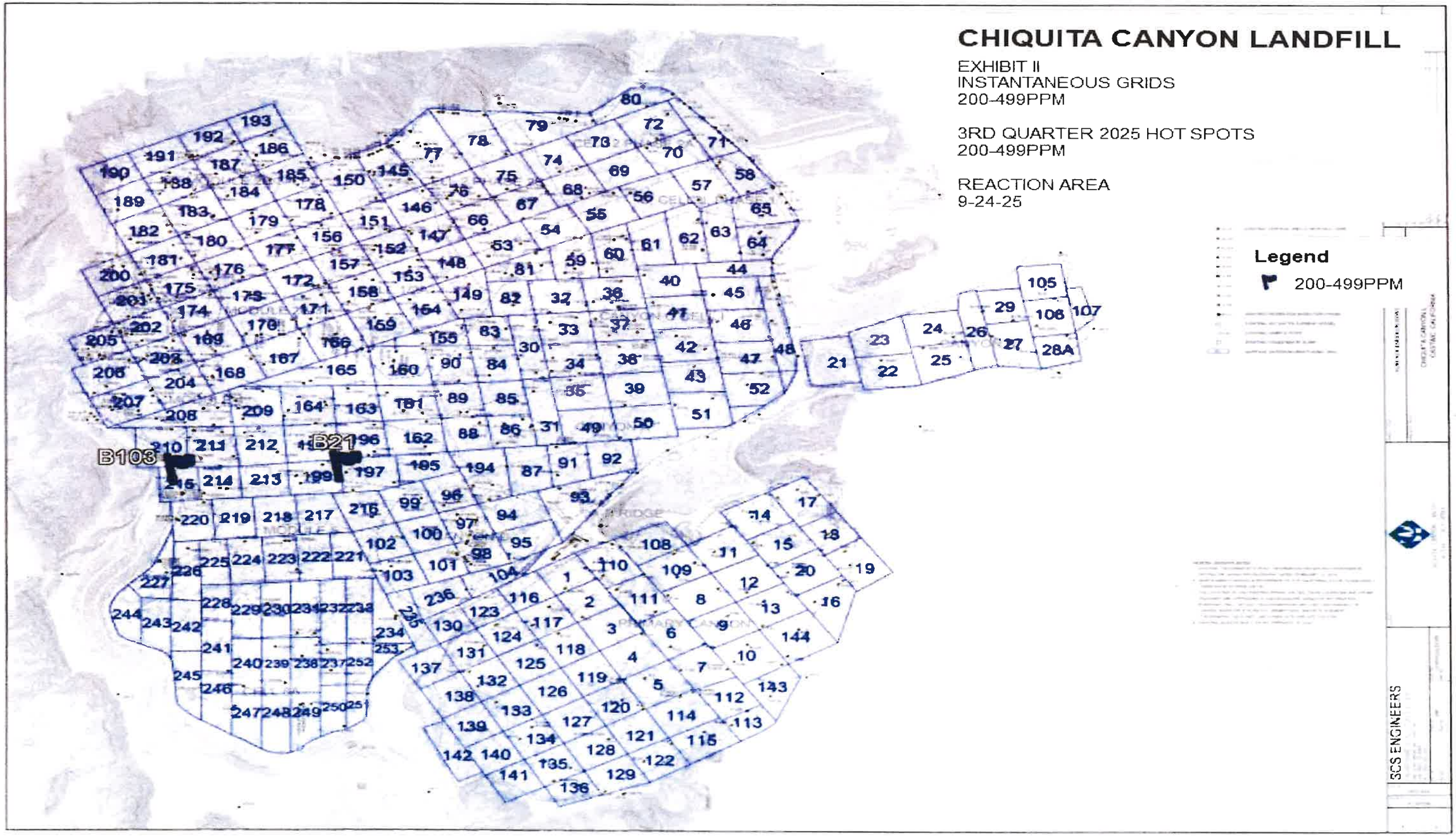

CHIQUITA CANYON LANDFILL
EXHIBIT II
INSTANTANEOUS GRIDS
200-499PPM
3RD QUARTER 2025 HOT SPOTS
200-499PPM
REACTION AREA
9-24-25
Legend
200-499PPM
B103
B21
SCS ENGINEERS

EXHIBIT II

Integrated Grids Over 25 ppm Map

Exhibit II

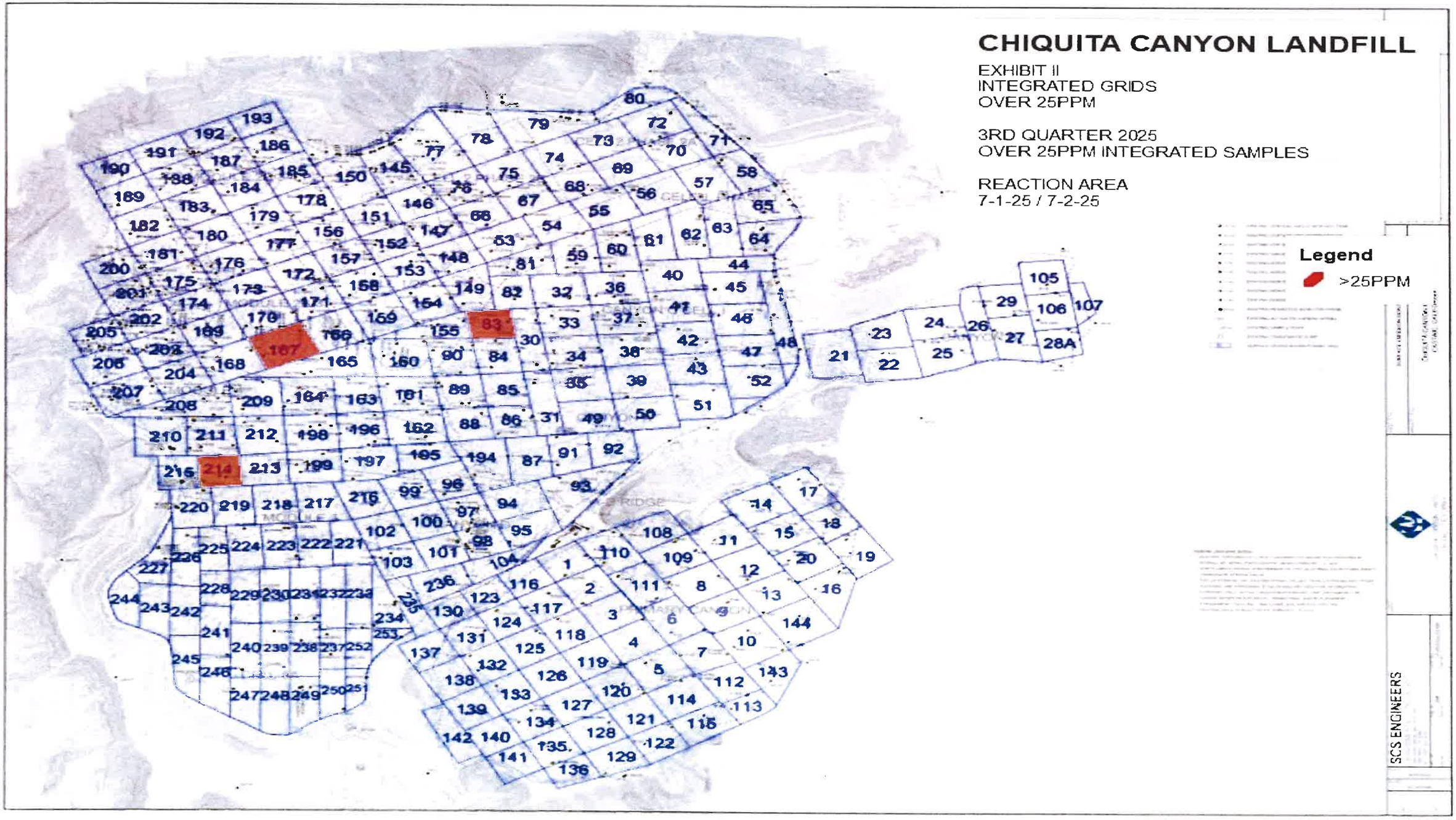

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
REACTION AREA
7-1-25 / 7-2-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II

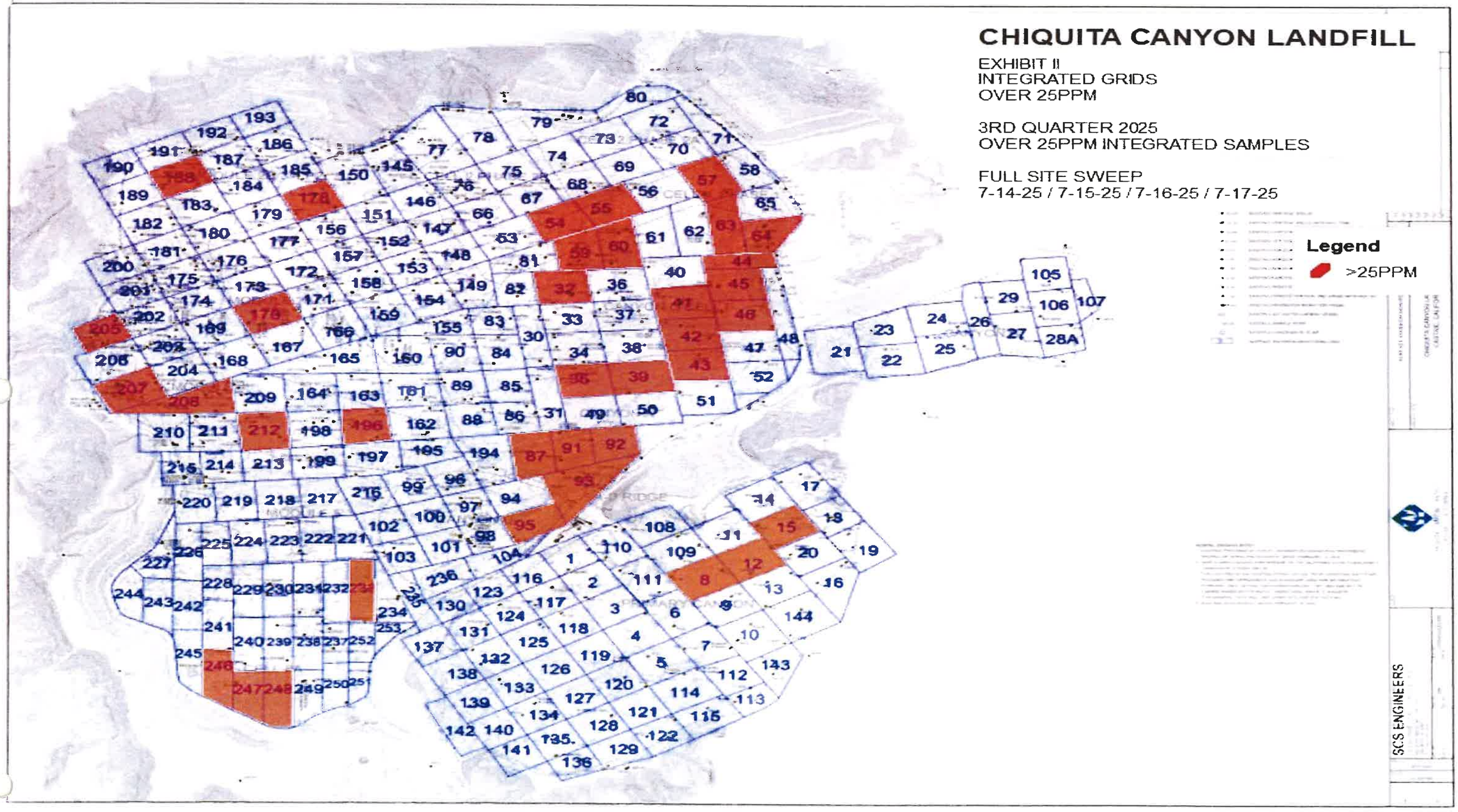

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
FULL SITE SWEEP
7-14-25 / 7-15-25 / 7-16-25 / 7-17-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II

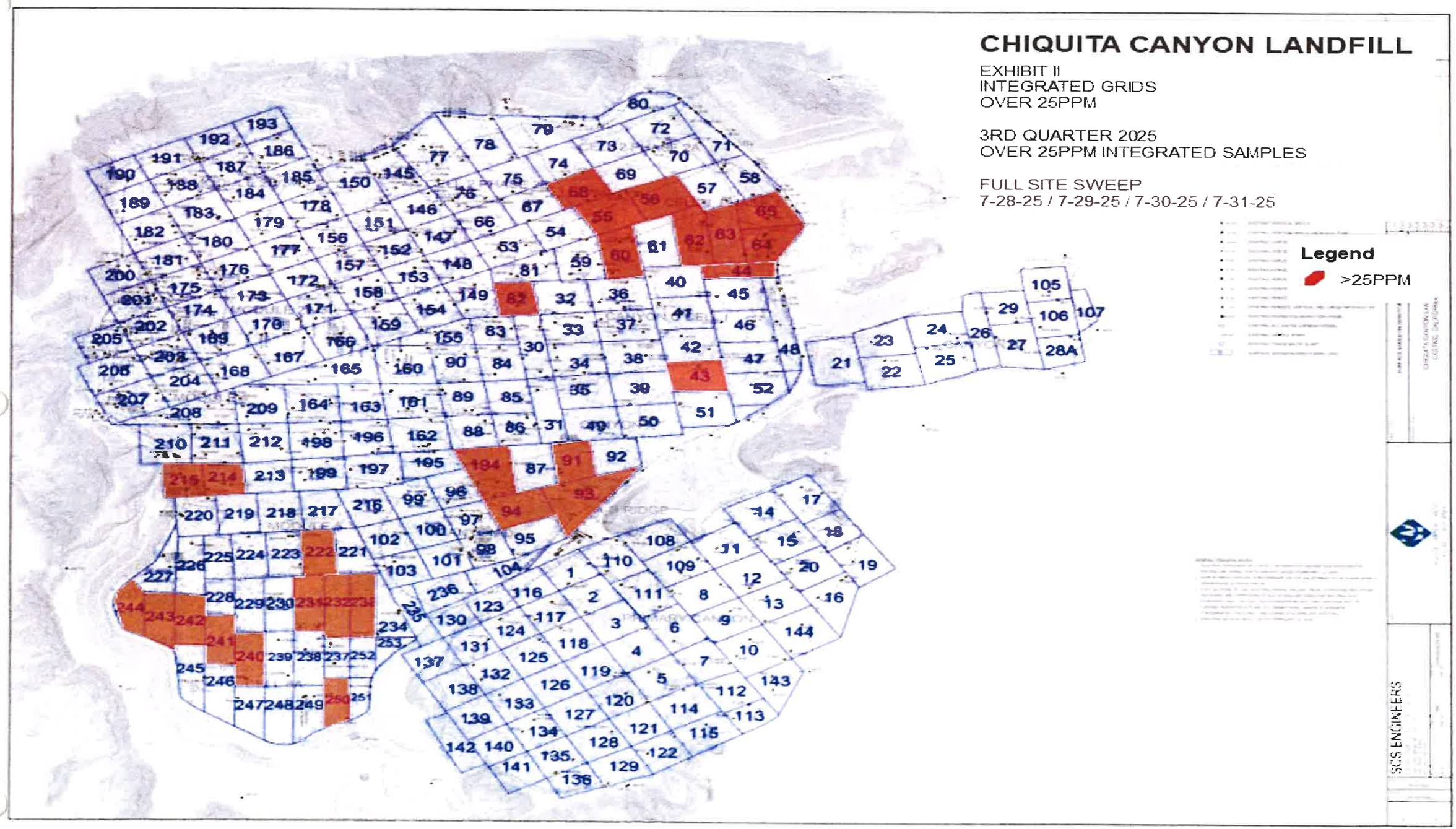

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
FULL SITE SWEEP
7-28-25 / 7-29-25 / 7-30-25 / 7-31-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II

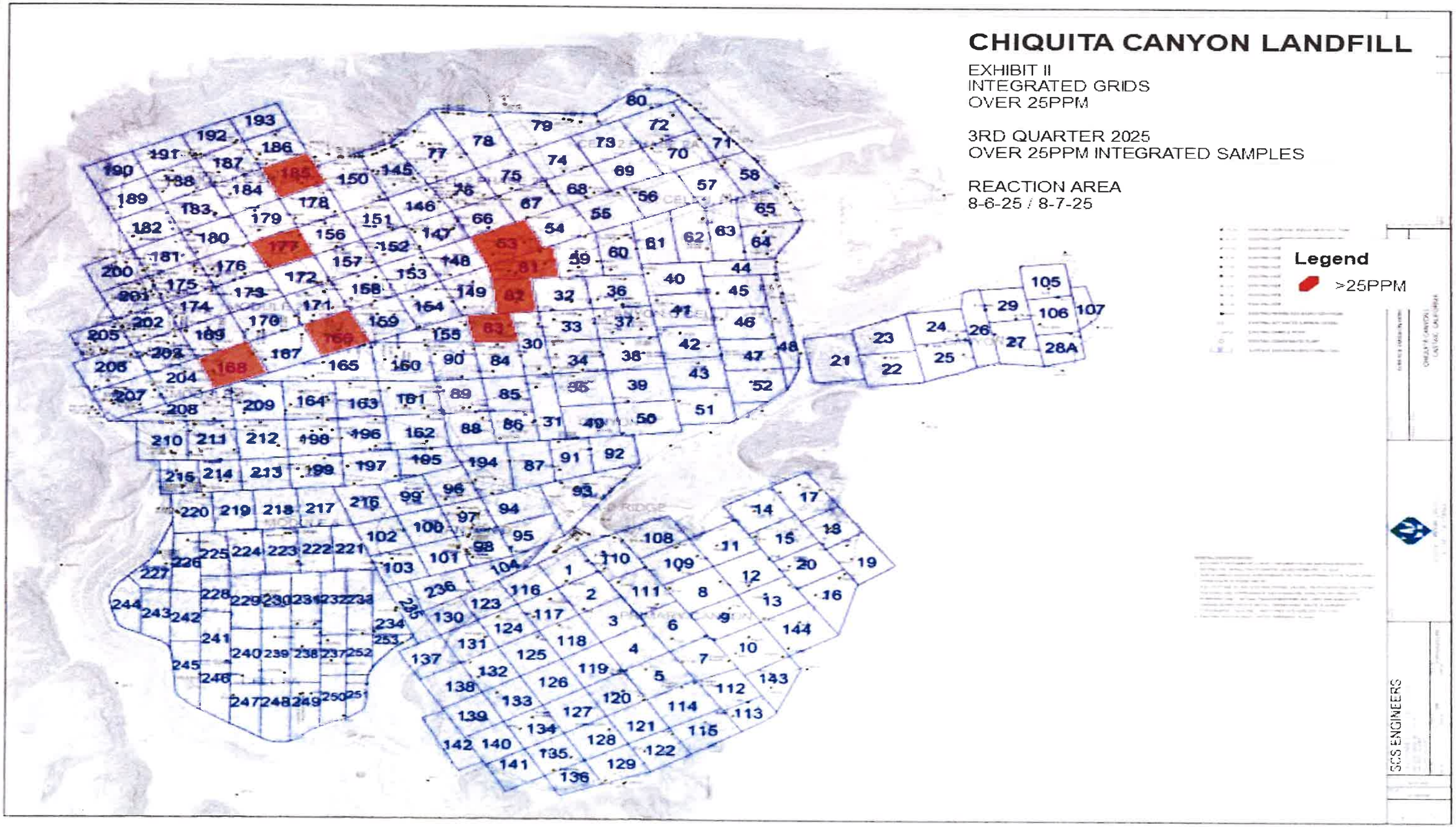

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
REACTION AREA
8-6-25 / 8-7-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II

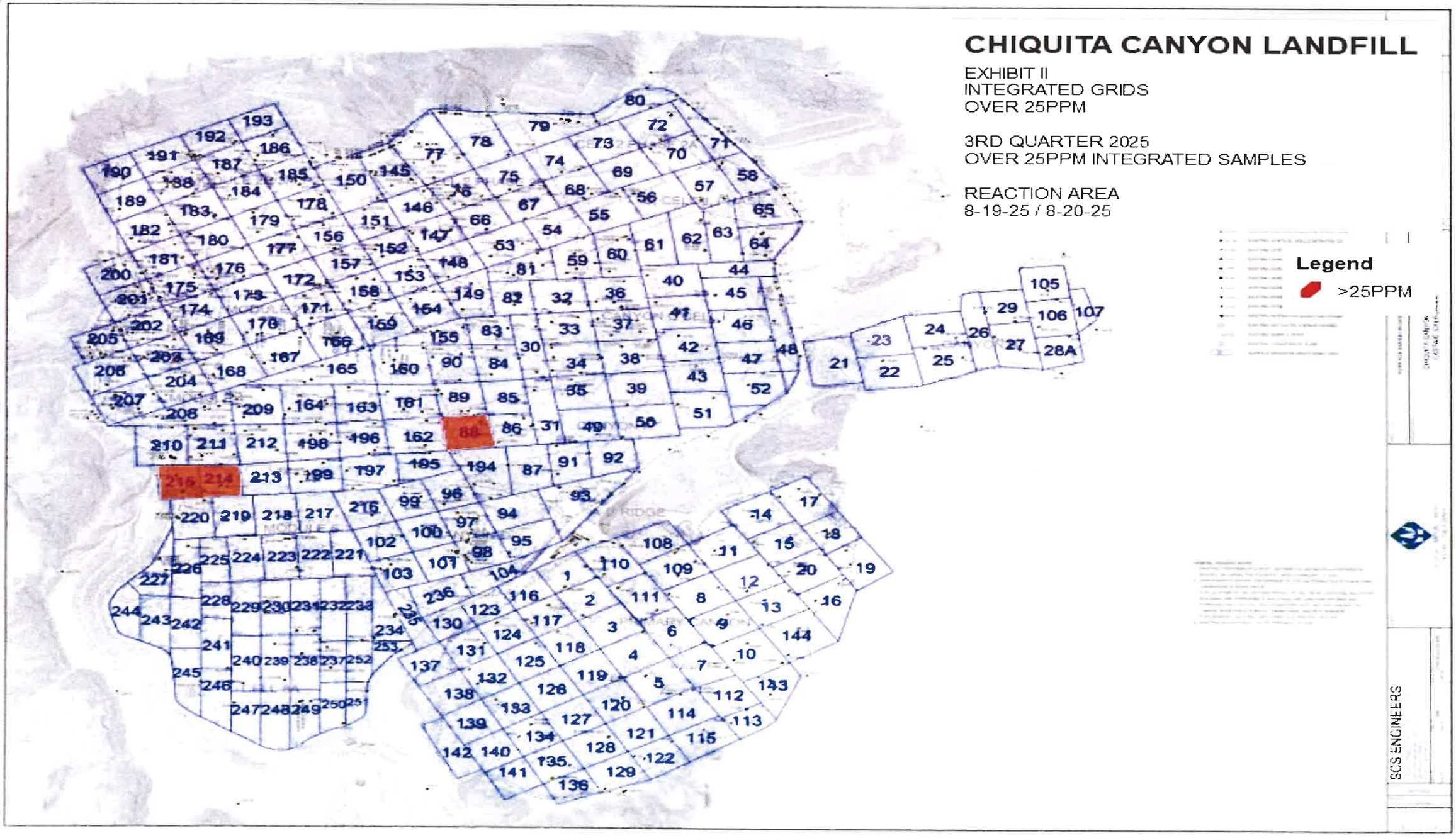

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
REACTION AREA
8-19-25 / 8-20-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II

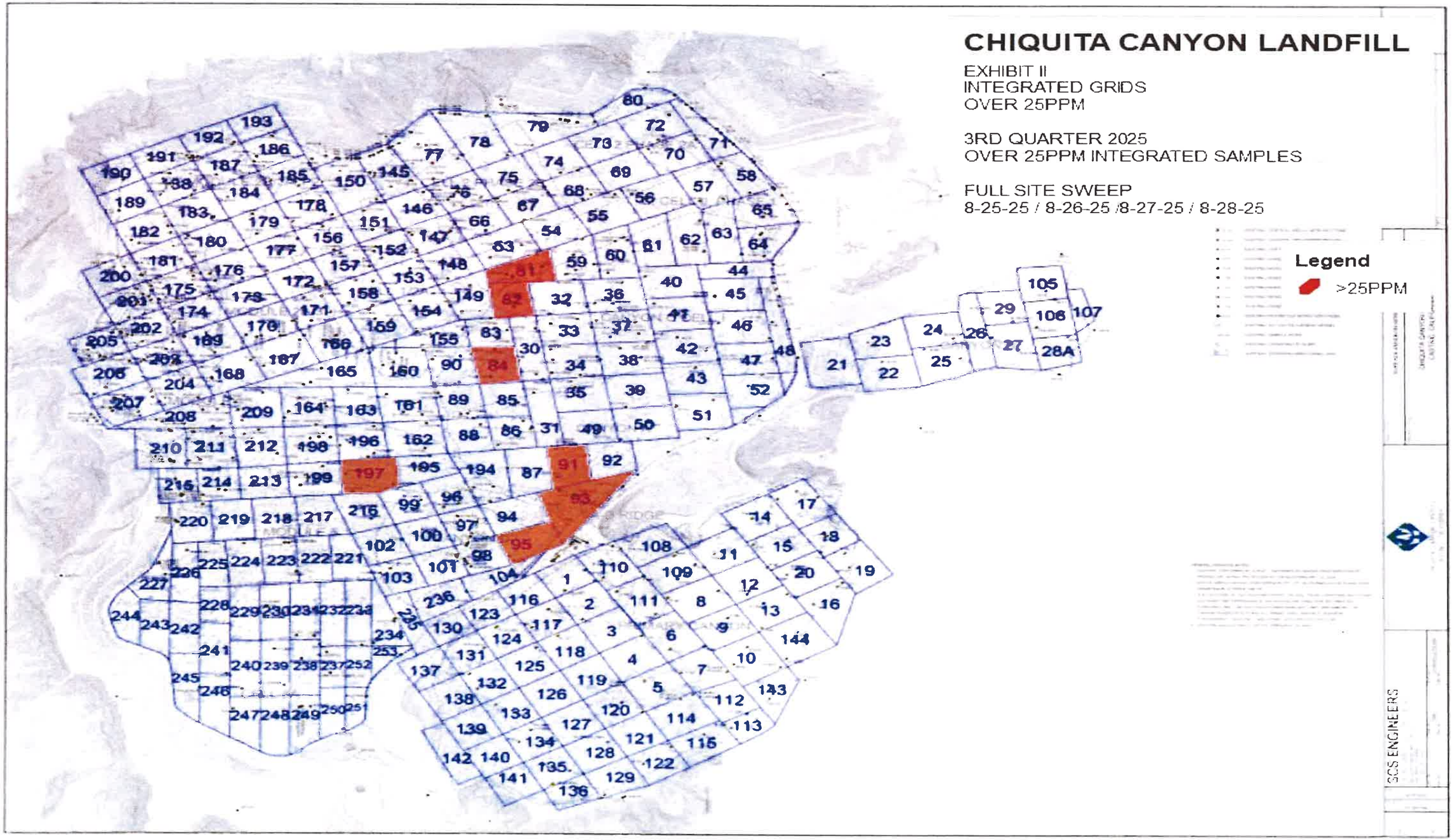

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
FULL SITE SWEEP
8-25-25 / 8-26-25 /8-27-25 / 8-28-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II

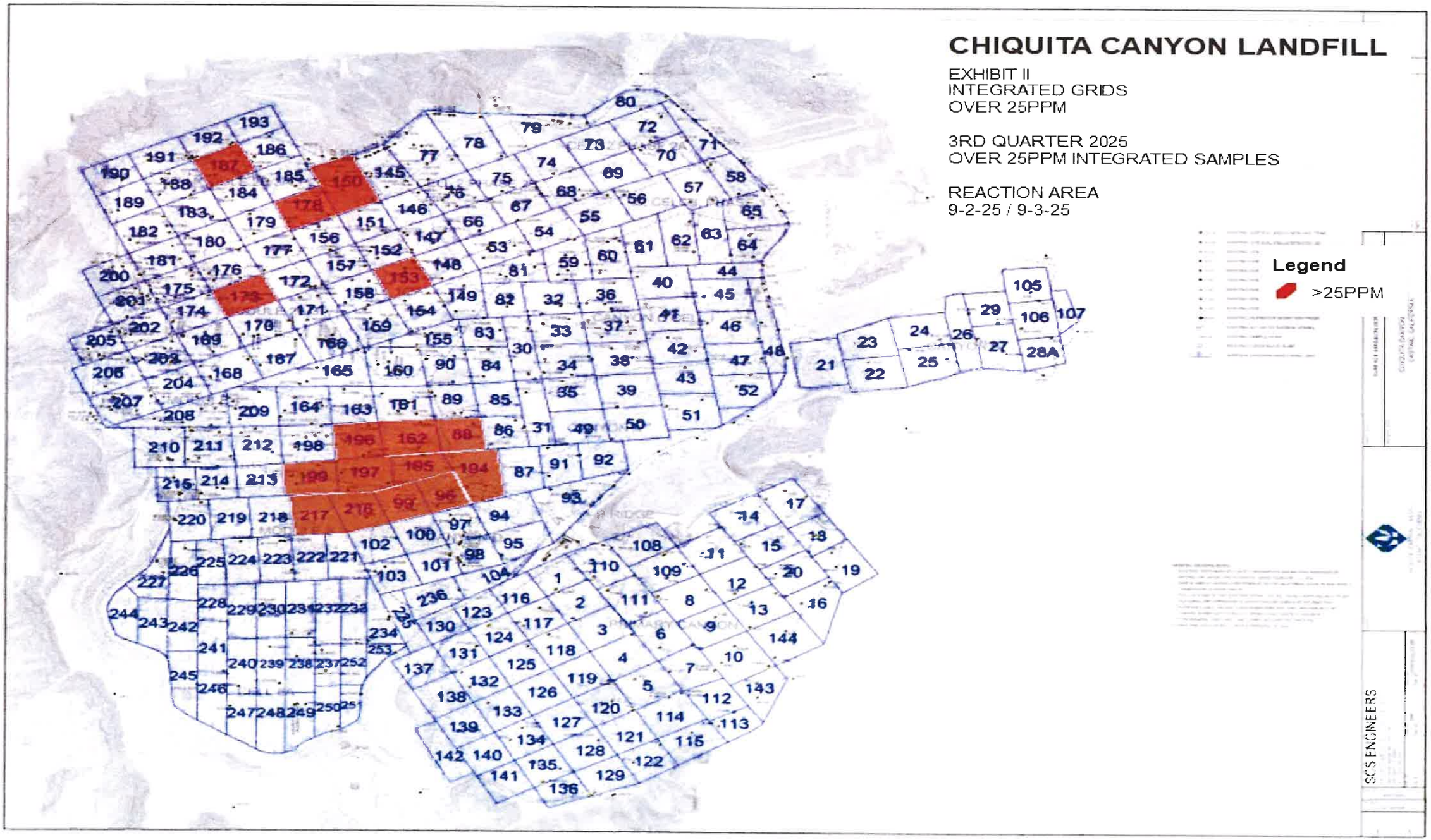

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
REACTION AREA
9-2-25 / 9-3-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II

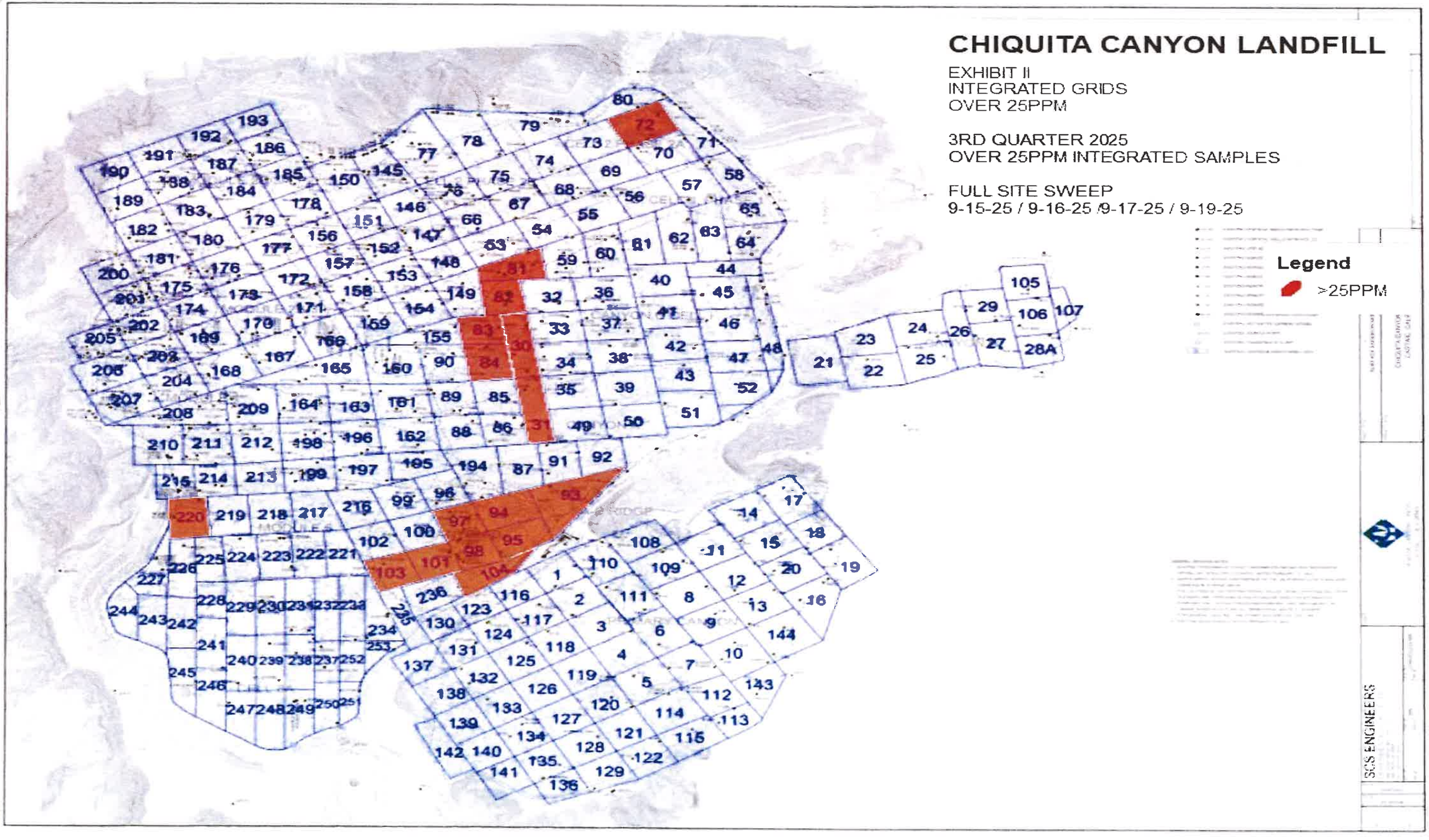
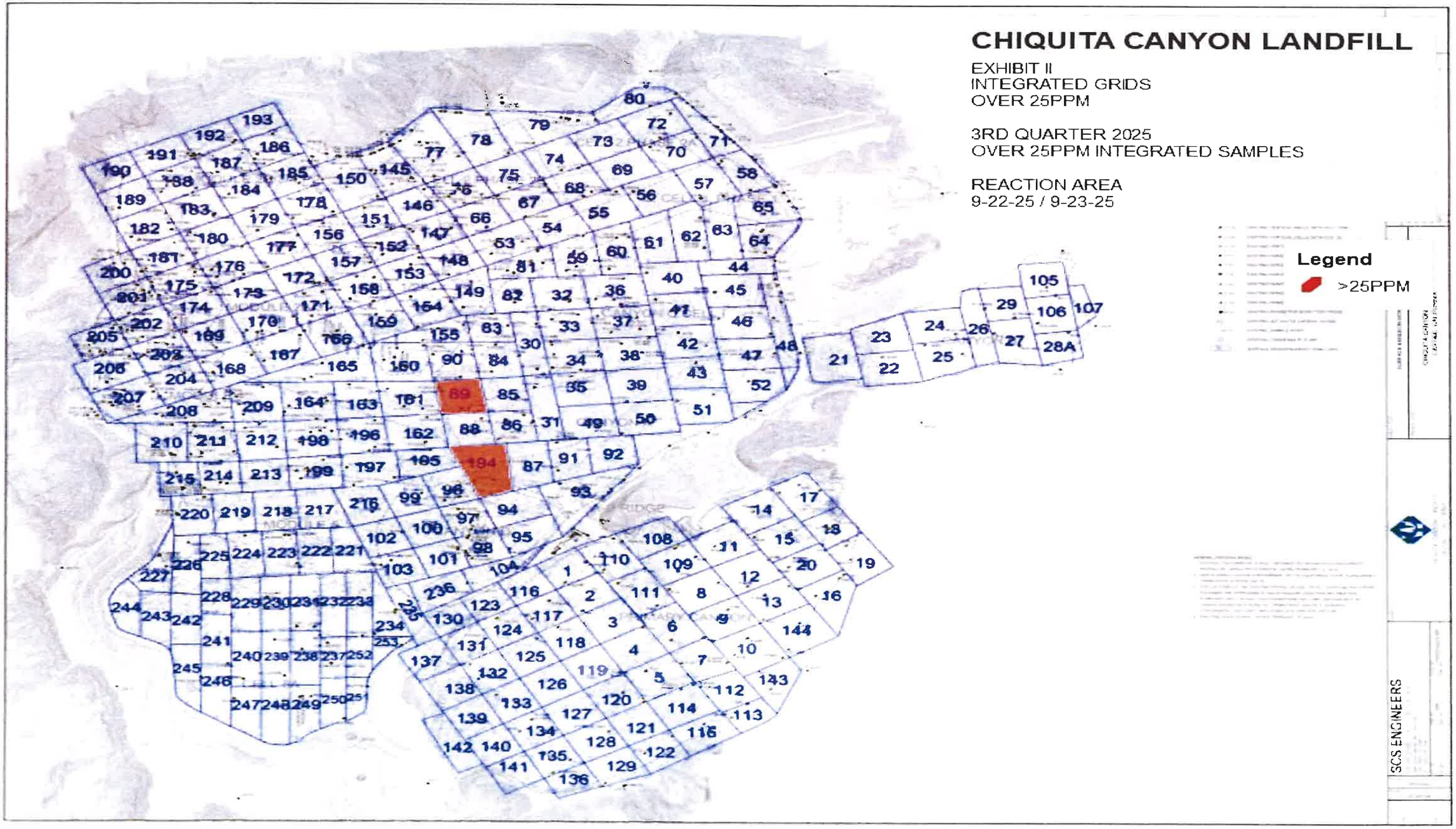

CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
FULL SITE SWEEP
9-15-25 / 9-16-25 /9-17-25 / 9-19-25
Legend
>25PPM
SCS ENGINEERS

Exhibit II


CHIQUITA CANYON LANDFILL
EXHIBIT II
INTEGRATED GRIDS
OVER 25PPM
3RD QUARTER 2025
OVER 25PPM INTEGRATED SAMPLES
REACTION AREA
9-22-25 / 9-23-25
Legend
>25PPM
SCS ENGINEERS

CHIQUITA CANYON LANDFILL
RULE 1150.1 QUARTERLY MONITORING QA/QC REPORT
JULY-AUGUST-SEPTEMBER 2025

Submitted to:

CHIQUITA CANYON LANDFILL
29201 Henry Mayo Drive
Castaic, California 91384

Prepared by:

RES Environmental Inc.

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November 2026

CHIQUITA CANYON LANDFILL
RULE 1150.1 QUARTERLY MONITORING QA/QC REPORT
JULY – AUGUST - SEPTEMBER 2025

APPENDICES

APPENDIX

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APPENDIX A

Instantaneous Surface Monitoring

TVA
Sweep

Chiquita Canyon
July 2025

CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Stephen Borchers, Joshua Wesson, Simon Lupa, Steven Sanchez, Stephen Cameron, Armando Rivera

Cal. Gas Exp. Date: 2-2029

Date: 7-7-25 Instrument Used: TVA1000 Grid Spacing: 25

Temperature: 72° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
176	SCupa	0755	0810	120	3	3	10	w/int Tarp
175	SCupa	0810	0825	1,517	3	4	10	
201	SCupa	0825	0840	607	1	3	11	
205	SCupa	0840	0855	2,450	2	4	10	w/ MTN
202	SCupa	0855	0910	73.77	3	5	10	
174	SCupa	0910	0925	5.91	3	5	10	
173	SCupa	0925	0940	15.17	3	5	11	
172	SCupa	0940	0955	5.09	1	2	4	
157	SCupa	1005	1020	5,250	4	5	3	w/int Tarps.
152	SCupa	1020	1035	7419	3	5	4	
147	SCupa	1035	1050	3,957	3	6	4	
66	SCupa	1050	1105	34.19	5	7	4	
67	SCupa	1105	1120	1,657	4	6	4	
54	SCupa	1120	1135	90.16	5	7	4	
53	SCupa	1135	1150	20.24	5	7	3	
149	SCupa	1150	1205	107	4	8	4	
153	SC	0745	0800	100	1	2	12	
158	SC	0800	0815	7,000	4	6	12	
171	SC	0815	0830	530	2	3	12	
170	SC	0830	0845	1,000	1	3	11	
169	SC	0845	0900	8,000	2	3	8	
203	SC	0900	0915	95	3	5	10	
206	SC	0915	0930	105	2	5	10	
207	SC	0930	0945	8,000	3	5	11	
204	SC	0945	1000	80	3	5	4	
168	SC	1000	1015	38	4	5	4	
167	SC	1155	1210	9,000	4	8	4	
166	SC	1140	1155	700	5	7	3	
159	SC	1125	1140	2,500	5	6	4	
154	SC	1110	1125	13.40	4	6	4	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Stephen Borchers, Joshua Wilson, Simon Cupa, Esteban Sanchez, Stephen Cameron, Armando Rivas

Cal. Gas Exp. Date: 2-2026

Date: 7-7-25 Instrument Used: TVA1000 Grid Spacing: 25

Temperature: 72° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
149	SC	1055	1110	17.20	5	7	4	
81	SC	1040	1055	118	5	7	3	
59	AR	0751	0806	830	3	3	10	
32	AR	0806	0821	525	3	4	10	
82	AR	0821	0836	505	1	3	11	
83	AR	0836	0851	79.63	2	4	10	
155	AR	0851	0906	557	3	5	10	
90	AR	0906	0921	588	2	5	10	
84	AR	0921	0936	4.85	2	5	10	
30	AR	0936	0951	46.65	2	4	8	
31	AR	1017	1032	8.20	3	5	3	
86	AR	1032	1047	19.26	3	6	3	
85	AR	1047	1102	120	5	7	4	
89	AR	1102	1117	7.58	4	6	4	
161	AR	1117	1132	5.13	5	7	4	
160	AR	1132	1147	4.30	5	7	3	
165	AR	1147	1202	256	4	8	4	
163	AR	1202	1217	8.73	4	6	4	
190	SS	0751	0812	13.9	3	3	10	
191	SS	0812	0827	12.43	3	4	10	
192	SS	0827	0842	17.48	1	3	11	
193	SS	0842	0857	10.14	2	4	10	
186	SS	0857	0912	660	3	5	10	
187	SS	0912	0927	14.12	2	5	10	
188	SS	0927	0942	17.38	3	5	10	
189	SS	0942	0957	15.11	3	5	4	
185	SS	1010	1025	868	4	5	2	
184	SS	1025	1040	15.68	3	5	4	
183	SS	1040	1055	17.32	3	6	4	
182	SS	1055	1110	10.89	5	7	4	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Stephen Borchers, Joshua Wesson, Simon Cupa, Steven Sanchez, Stephen Contreras, Armando Rivera

Cal. Gas Exp. Date: 2-2029

Date: 7-7-25 Instrument Used: TVA1000 Grid Spacing: 25

Temperature: 72° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
200	SS	1110	1125	12.40	4	6	4	
181	SS	1125	1140	16.82	5	7	4	
180	SS	1140	1155	18.92	5	7	3	
179	SS	1155	1210	12.10	4	6	4	
178	JW	0724	0749	4,235	2	3	10	
150	JW	0749	0804	823	3	3	10	
145	JW	0804	0819	24.60	2	5	10	
77	JW	0819	0834	51.10	1	3	11	
78	JW	0834	0849	223	2	4	10	
79	JW	0849	0904	39.11	3	5	10	Black Tarp
80	JW	0904	0919	4,857	2	5	10	MTN
72	JW	0919	0934	54.16	2	5	10	
73	JW	0934	0949	105	3	5	10	
74	JW	0949	1004	21.10	3	5	4	equipment
75	JW	1004	1019	34.60	4	5	4	↓
26	JW	1019	1034	41.30	3	5	4	
146	JW	1034	1049	125	3	6	3	
151	JW	1049	1104	1,486	5	7	4	
156	JW	1104	1119	3,156	4	6	4	
177	JW	1119	1134	59.19	5	7	4	
70	DH	1000	1015	45.60	4	5	4	
71	DH	1017	1032	34.10	3	6	4	slope
58	DH	1032	1047	29.18	3	6	3	↓
65	DH	1047	1102	1,260	5	7	4	
64	DH	1102	1117	31.31	4	6	4	
44	DH	1117	1132	18.17	5	7	4	
63	DH	1132	1147	21.16	5	7	3	
57	DH	1147	1202	39.21	4	8	4	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 44 SERIAL #: 17193090

MONITORING DATE: 7-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 501 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.10 ppm	7.25 ppm	6.67 ppm

Background Value = 6.67 **ppm**

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	497 ppm	450 ppm	6
#2	498 ppm	450 ppm	7
#3	501 ppm	450 ppm	8
Calculate Response Time (1+2+3)/3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	497 ppm	3
#2	0.0 ppm	498 ppm	2
#3	0.1 ppm	501 ppm	1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.4 % #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-7-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 4 SERIAL #: 1035045571

MONITORING DATE: 7-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.12 ppm	5.78 ppm

Background Value = 5.78 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	497 ppm	450 ppm	6
#2	499 ppm	450 ppm	7
#3	500 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	497 ppm	3
#2	0.2 ppm	499 ppm	1
#3	0.4 ppm	500 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.26% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time 7-7-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 3 SERIAL #: 1586588 4

MONITORING DATE: 7-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.32 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	498 ppm	450 ppm	6
#2	500 ppm	450 ppm	8
#3	499 ppm	450 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.2 ppm	498 ppm	2
#2	0.1 ppm	500 ppm	0
#3	0.3 ppm	499 ppm	1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.2% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 7-7-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 36 SERIAL #: 0732603195

MONITORING DATE: 7-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.10 ppm	6.32 ppm	5.71 ppm

Background Value = 5.71 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	497 ppm	450 ppm	6
#2	499 ppm	450 ppm	7
#3	500 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.2 ppm	497 ppm	3
#2	0.4 ppm	499 ppm	1
#3	0.5 ppm	500 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.26% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 7-7-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 7-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.31 ppm	7.19 ppm	6.75 ppm

Background Value = 6.75 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	496 ppm	450 ppm	6
#2	500 ppm	450 ppm	8
#3	498 ppm	450 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	496 ppm	4
#2	1.0 ppm	500 ppm	0
#3	0.3 ppm	498 ppm	2
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.4% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-7-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 43 SERIAL #: 15865062

MONITORING DATE: 7-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.10 ppm	8.15 ppm	7.62 ppm

Background Value = 7.62 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	498 ppm	450 ppm	6
#2	501 ppm	450 ppm	8
#3	499 ppm	450 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

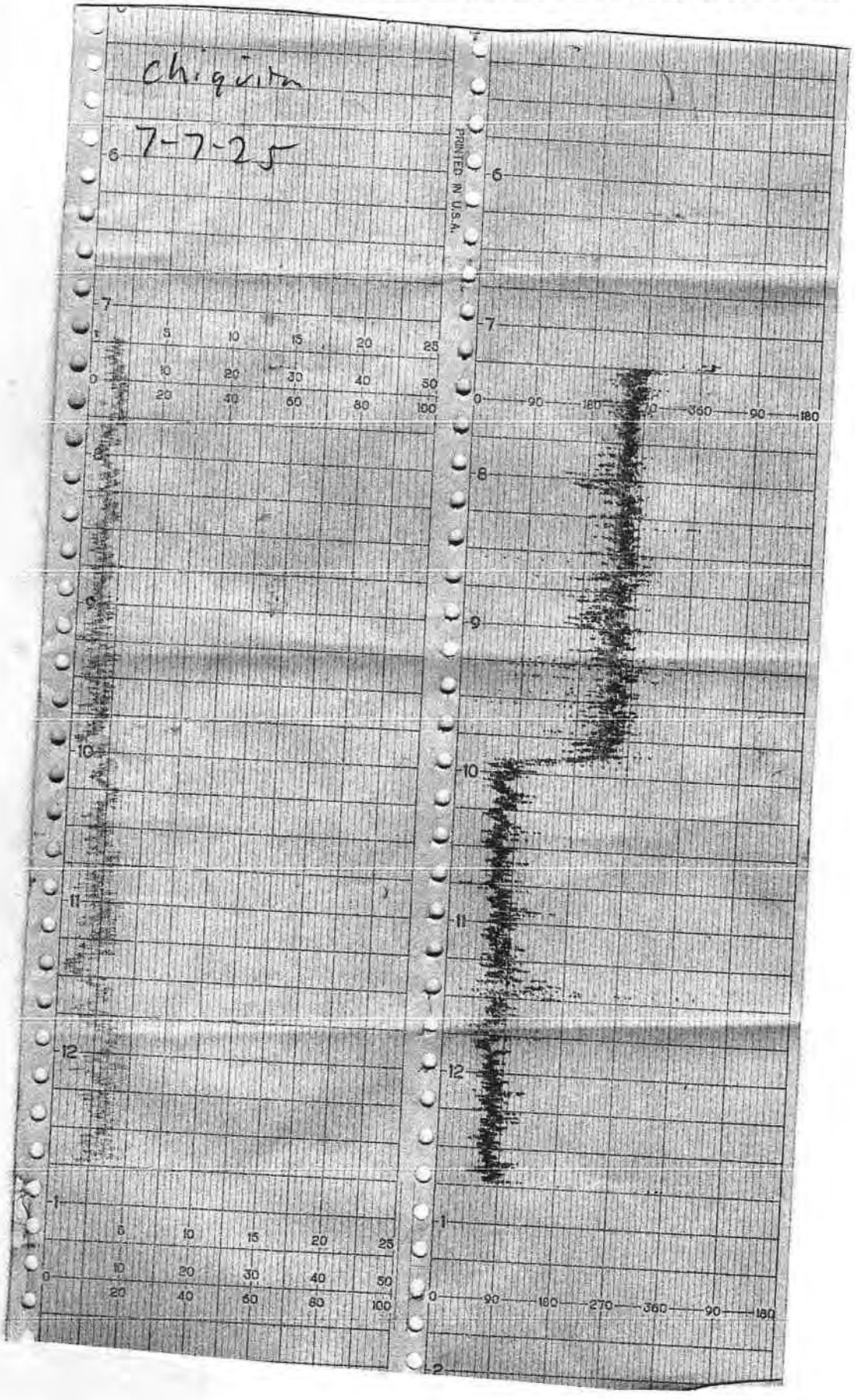
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	498 ppm	2
#2	0.2 ppm	501 ppm	1
#3	0.3 ppm	499 ppm	1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.26% #DIV/0! Must be less than 10%

Performed By: Stephen Borbes Date/Time: 7-7-25 / 0720

WIND SPEED & DIRECTION CHART ROLL



Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR / 2025	3rd Quarter 2025	3rd QTR / 2025
Technician:	Stephen Borchers	D Hernandez	Alberto Lopez
Instrument:	TVA 1000	TVA 1000	TVA 1000
Calibration Standard:	500ppm	500 PPM	500 PPM

Initial Monitoring Event					First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
178	Y21	CV2308	4,235	7-7-25	0949	7/16/25	7.9		1118	8-6-25	15.3	
150	Y22	CV24027	500		0930		386		1035		482	
150	Y23	Surface	823		0933		486		1120		473	
150	Y24	Surface	600		0934		476		1003		466	
80	Y25	Surface	4,052		0847		466		0957		470	
80	Y26	Surface	4,123		0841		37.50		0955		80.4	
80	Y27	Surface	4,852		0841		51.26		0956		79.7	
80	Y28	Surface	4,823		0842		48.60		1110		66.2	
157	Y29	CV2441	500		0938		21.8		0959		19.5	
157	Y30	CV24040	1,486		0940		315		1007		205	20 DM1
156	Y31	Void	3,156		0942		33.8		1008		63.4	
158	Y61	CV24062	500		1006		212		1105		210	
158	Y62	CV2554	9,000		1007		163		1014		206	
171	Y63	CV24060	530		1014		351		1103		382	
170	Y64	CV24059	1,000		1018		5.5		1102		11.3	
169	Y65	CV2340	8,000		1047		4.7		1054		10.6	
207	Y66	Surface	8,000		1104		376		1051		407	
159	Y67	H19525	2,500		1033		84.7		1017		105	
166	Y68	CV24083	700		1029		14.3		1108		20.8	
167	Y69	CV24068	9,000		1020		365		1059		330	
186	Y1	CV 2408	660		0907		361		1039		408	
185	Y2	Steelpipe	869		0925		436		1115		423	

Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR / 2025	3rd Quarter 2025	3rd QTR / 2025
Technician:	Stephen Borches	D Hernandez	Alberto Lopez
Instrument:	TVA 1000	TVA 1000	TVA 1000
Calibration Standard:	500 ppm	500 PPM	500 PPM

Initial Monitoring Event

Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored
175	Y41	CV24140	1,517	7-7-25
201	Y42	CV24138	602	
205	Y43	SW68	2,450	
157	Y44	RAMSPOT	5,250	
147	Y45	Steel pipe	1,957	
147	Y46	CV24054	3,957	
67	Y47	CV20094	1657	
59	Y81	CV24111	830	
32	Y82	H2168C	525	
82	Y83	CV24094	505	
155	Y85	CV24093	551	
90	Y86	CV24159	538	

First Re-Monitoring Event – 10 Days

Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
1109	7/16/25	169	
1108		374	
1117		317	
1009		67.80	
0827		30.06	
0827		416	
0814		26.3	
0808		233	
0821		142	
0804		147	
0758		210	
0755		423	

Second Re-Monitoring Event – 10 Days

Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
1044	8-6-25	201	
1046		356	
1048		281	
1013		70.2	
1124		24.8	
1130		388	
1030		32.7	
1026		308	
1024		192	
1022		149	
1020		151	
1019		404	

10 Day

Blue Flag (200-499 ppm) Land Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: Chiquita Land #11

Quarter / Year:	3rd QTR / 2025	3rd Quarter 2025	Page 1 of 1 Pages
Technician:	Stephen Borchers	D Hernandez	
Instrument:	TVA1000	TVA 1000	
Calibration Standard:	500ppm	500 PPM	

Initial Monitoring Event					Re-Monitoring Event – 10 Days				Comments
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	Field Reading <200 ppm	Field Reading >200 ppm	
178	B21	surface	224	7-7-25	0950	7/16/25	197		
78	B22	CV24147	223	↓	0852	↓	190		
80	B23	surface	232		0844		88.3		
165	B96	H2277A	256	✓	1027	▽	6.3		

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 44 SERIAL #: 17193090

MONITORING DATE: 7/16/25 TIME: 0755

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 503 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
1.4 ppm	1.6 ppm	1.5 ppm

Background Value = 1.5 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	500 ppm	450 ppm	4
#2	502 ppm	450 ppm	5
#3	503 ppm	450 ppm	4
Calculate Response Time (1+2+3) / 3			4.3 #DIV/0! Must be less than 30 seconds

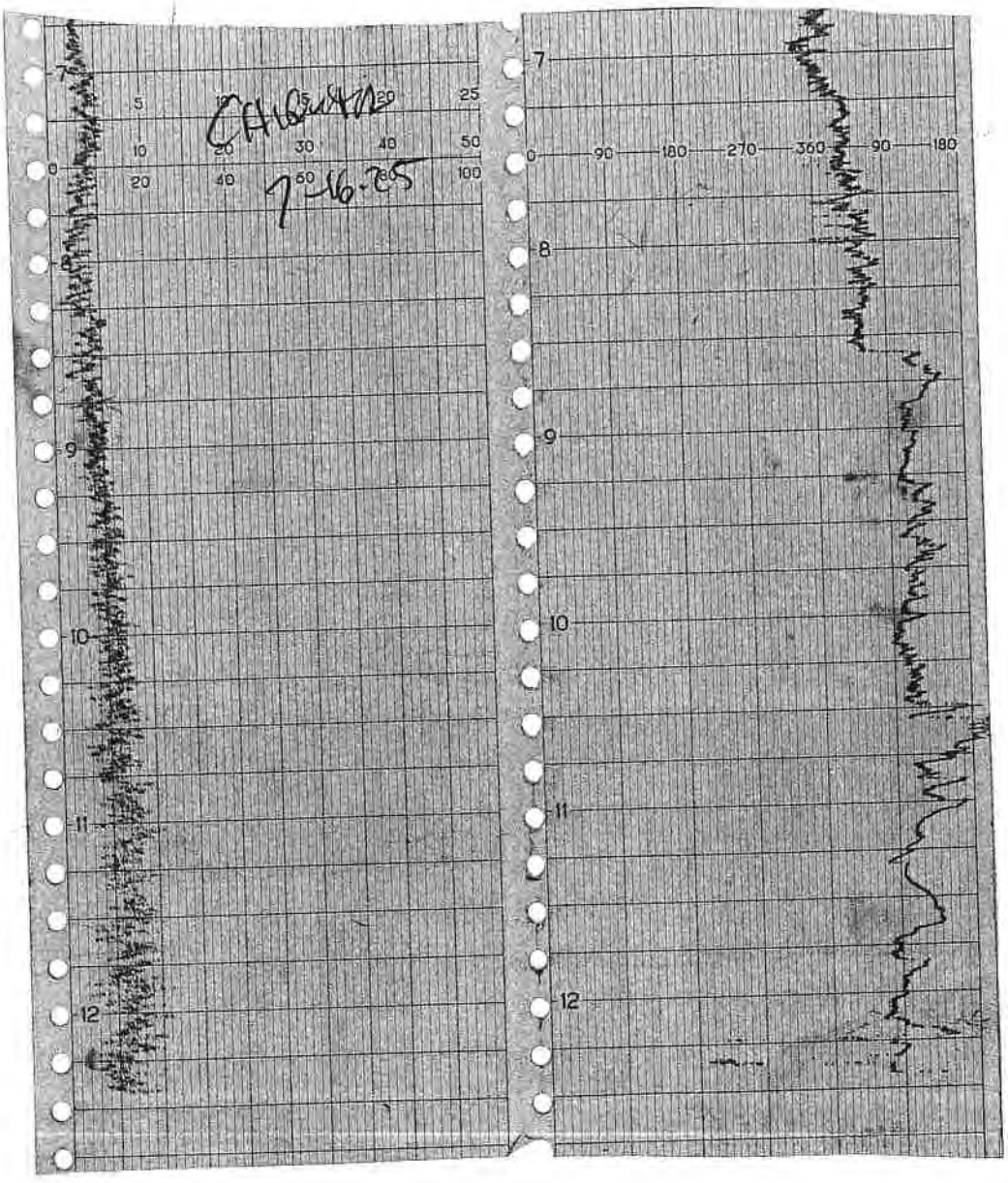
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	500 ppm	0
#2	1.2 ppm	502 ppm	2
#3	1.3 ppm	503 ppm	3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.3% #DIV/0! Must be less than 10%

Performed By: D Hernandez Date/Time: 7/16/25 0755

WIND SPEED & DIRECTION CHART ROLL



7-7-25 CHIQUITA CANYON LANDFILL EXCEEDANCES

ID	lat	lon	time	name	cmt
1	34.43589801	-118.648903	2025-07-07T14:54:15Z	B21	224Ppmgrd178surface
2	34.43753198	-118.645902	2025-07-07T15:55:15Z	B22	223Ppmgrd78wellcv24147
3	34.43771998	-118.644155	2025-07-07T16:18:40Z	B23	232Ppmgrd80surface
4	34.43328302	-118.648395	2025-07-07T18:56:05Z	B96	256PPM H2277A
5	34.43666001	-118.649651	2025-07-07T16:06:33Z	Y1	Ppm660grd186cv2408
6	34.43626598	-118.649171	2025-07-07T17:16:29Z	Y2	Ppm868grd185steelpipe
7	34.43588996	-118.648908	2025-07-07T14:52:14Z	Y21	4235Ppmgrd178wellcv2308
8	34.43610898	-118.648688	2025-07-07T14:56:53Z	Y22	500Ppmgrd150wellcv24027
9	34.43617403	-118.648579	2025-07-07T14:58:25Z	Y23	823Ppmgrd150surface
10	34.43618903	-118.648554	2025-07-07T14:59:28Z	Y24	600Ppmgrd150surface
11	34.437679	-118.644276	2025-07-07T16:13:30Z	Y25	4052Ppmgrd80surface
12	34.43816397	-118.643713	2025-07-07T16:24:38Z	Y26	4123Ppmgrd80surface
13	34.43811896	-118.643758	2025-07-07T16:26:04Z	Y27	4852Ppmgrd80surface
14	34.43806004	-118.64378	2025-07-07T16:27:10Z	Y28	4823Ppmgr80surface
15	34.43588301	-118.648023	2025-07-07T17:46:38Z	Y29	500Ppmgrd151wellcv2441
16	34.43571101	-118.648353	2025-07-07T17:49:17Z	Y30	1486Ppmgrd151wellcv24040
17	34.435565	-118.648826	2025-07-07T18:04:42Z	Y31	3156Ppmgrd156wellnoid
18	34.43466503	-118.651096	2025-07-07T15:14:21Z	Y41	1517Ppmgrd175wellcv24140
19	34.43427301	-118.65121	2025-07-07T15:21:15Z	Y42	602Ppmgrd201wellcv24138
20	34.43354898	-118.65201	2025-07-07T15:37:05Z	Y43	2450Ppmgrd205wellsw68
21	34.43475899	-118.648413	2025-07-07T17:03:03Z	Y44	5250Ppmgrd157ramsp04
22	34.435638	-118.647114	2025-07-07T17:27:06Z	Y45	1957Ppmgrd147steelpanelpipe
23	34.43566499	-118.64714	2025-07-07T17:31:40Z	Y46	3957Ppmgrd147wellcv24054
24	34.43601997	-118.645251	2025-07-07T17:59:55Z	Y47	1657Ppmgrd67wellcv2009A
25	34.43456504	-118.648045	2025-07-07T15:03:24Z	Y61	520Ppm grid 158-well cv 24062
26	34.43448097	-118.648228	2025-07-07T15:09:43Z	Y62	7000Ppm grid 158-well cv2554
27	34.43404896	-118.648757	2025-07-07T15:24:45Z	Y63	530-Ppm grid 171-well cv24060
28	34.433796	-118.64907	2025-07-07T15:38:38Z	Y64	1000Ppm grid 170-well cv24059
29	34.43394997	-118.650263	2025-07-07T15:54:04Z	Y65	8000-Ppm grid 169well cv2340
30	34.43280903	-118.651394	2025-07-07T16:39:22Z	Y66	8000Ppm grid 207-surface
31	34.43383598	-118.647604	2025-07-07T18:32:29Z	Y67	2500Ppm grid 159-well h1952s
32	34.43371704	-118.648303	2025-07-07T18:50:21Z	Y68	700-Ppm grid 166-well cv24083
33	34.43329099	-118.649328	2025-07-07T19:05:56Z	Y69	9000Ppm grid 167 well cv24068
34	34.43530801	-118.644844	2025-07-07T14:53:54Z	Y81	Y81PPM830WEIICV24111
35	34.434473	-118.644779	2025-07-07T15:13:35Z	Y82	Y82PPM525WEIIH2168C
36	34.43456898	-118.645998	2025-07-07T15:28:10Z	Y83	Y83PPM505WEIICV24094
37	34.43405399	-118.646275	2025-07-07T15:42:06Z	Y85	Y85PPM551WEIICV24093
38	34.43380304	-118.646592	2025-07-07T15:58:24Z	Y86	Y86PPM588WEII24150

Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
30 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR/ 2025	3rd QTR /2025	
Technician:	Stephen Borchers	Alberto Lopez	
Instrument:	TVA 1000	TVA 1000	
Calibration Standard:	500ppm	500ppm	

Initial Monitoring Event					30 Day Re-Monitoring Event				First Re-Monitoring Event – 10 Days			
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
178	Y21	CV2308	4,235	7-7-25	1118	8-6-25	15.3					
150	Y22	CV24027	500		1035		482					
150	Y23	surface	823		1120		473					
150	Y24	surface	600		1007		466					
80	Y25	surface	4,052		0957		470					
80	Y26	surface	4,123		0955		504					
80	Y27	surface	4,852		0956		79.7					
80	Y28	surface	4,823		1110		66.2					
157	Y29	CV2441	500		0959		19.5					
157	Y30	CV24040	1,486		1007		205					
156	Y71	NOID	3,156		1009		63.4					
158	Y61	CV24062	500		1105		210					
158	Y62	CV2554	7,000		1014		206					
171	Y63	CV24060	530		1103		382					
170	Y64	CV24054	1,000		1102		11.3					
169	Y65	CV2340	8,000		1054		10.6					
207	Y66	surface	5,000		1057		407					
159	Y67	1419525	2,500		1017		105					
166	Y68	CV24083	700		1108		20.8					
167	Y69	CV24069	9,000		1059		336					
196	Y1	CV2408	660		1039		408					
185	Y2	Steelpipe	868	↓	1115	↓	423					

Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
30 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR / 2025	3rd QTR / 2025	
Technician:	Stephen Borches	Alberto Lopez	
Instrument:	TVA 1000	TVA 1000	
Calibration Standard:	500ppm	500ppm	

Initial Monitoring Event					30 Day Re-Monitoring Event				First Re-Monitoring Event – 10 Days			
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
175	441	CV24140	1,517	7-7-25	1044	8-6-25	201					
201	442	CV24138	602		1046		356					
205	443	SW68	2,450		1049		281					
157	444	RAMSP04	5,250		1017		702					
147	445	Stedpipe	1,957		1124		248					
147	446	CV24054	3,457		1130		388					
67	447	CV2009A	1,657		1030		327					
59	481	CV24111	830		1026		308					
32	482	H2168C	525		1024		192					
82	483	CV24094	505		1022		149					
155	485	CV24092	551		1020		151					
90	486	CV24159	588	↓	1019	↓	404					

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 17 SERIAL #: 1032604572c

MONITORING DATE: 8-6-25 TIME: 0730

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 503 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
2.4 ppm	2.5 ppm	2.5 ppm

Background Value = 2.5 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	502 ppm	450 ppm	4
#2	503 ppm	450 ppm	4
#3	503 ppm	450 ppm	5
Calculate Response Time (1+2+3) / 3			4.3 #DIV/0! Must be less than 30 seconds

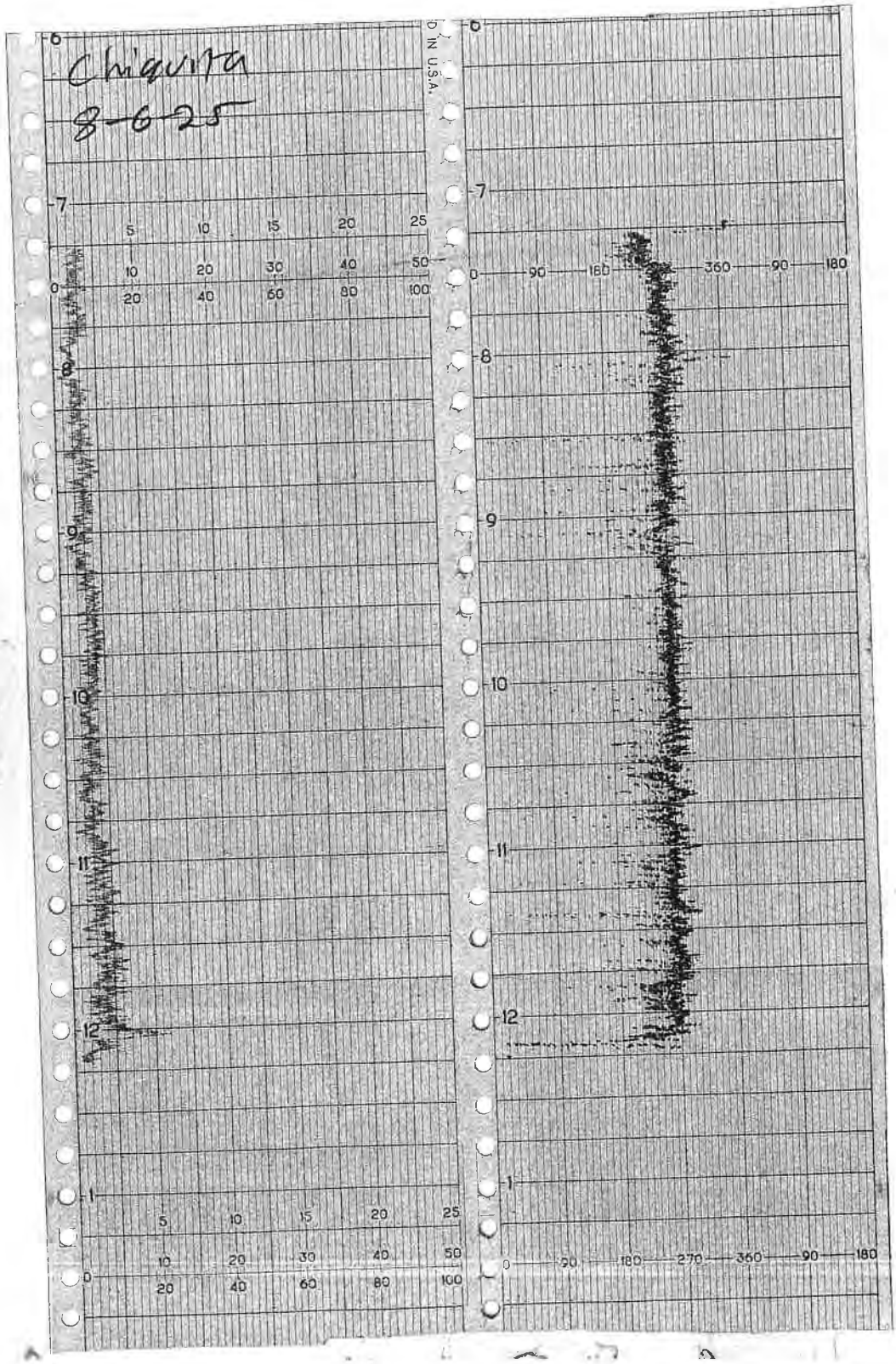
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	502 ppm	2
#2	0.3 ppm	503 ppm	3
#3	0.3 ppm	503 ppm	3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.5% #DIV/0! Must be less than 10%

Performed By: A. Lopez Date/Time: 8-6-25 / 0730

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Simon Lopez, Joshua Wesson, Martin Granados
Stephen Contreras, Ernest Ramirez, Armando Rivera
Steven Sanchez
Cal. Gas Exp. Date: 2-2026

Date: 7-8-25 Instrument Used: TVA 1000 Grid Spacing: 25

Temperature: 86° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
68	SC	0825	0840	7.54	3	5	12	
69	SC	0840	0855	9.81	3	4	11	
56	SC	0855	0910	1,575	2	4	11	
55	SC	0910	0925	9.63	3	4	2	
60	SC	0925	0940	4,580	0	1	2	
61	SC	0940	0955	17.1	3	5	10	
62	SC	0955	1010	22.17	3	5	12	
40	SC	1010	1025	991	3	5	11	
36	SC	1025	1040	120	2	4	11	
33	SC	1040	1055	9999	0	1	2	
37	SC	1055	1110	1,747	3	5	4	
41	SC	1110	1125	2,980	1	2	6	
45	SC	1125	1140	2,780	1	2	6	
46	SC	1140	1155	3,950	3	5	10	
47	SC	1155	1210	607	4	6	10	
48	SC	1210	1225	57.35	5	7	4	
52	JW	0800	0815	1,250	2	4	12	
51	JW	0815	0830	240	2	4	12	
43	JW	0830	0845	41.10	3	5	12	
42	JW	0845	0900	1,840	2	4	11	
38	JW	0900	0915	1,457	3	4	11	
34	JW	0915	0930	45.61	1	3	10	
35	JW	0930	0945	507	0	1	2	
39	JW	0945	1000	1,430	3	5	12	
49	JW	1000	1015	1,426	3	5	12	
50	JW	1015	1030	4,950	4	5	12	
92	JW	1030	1045	4,325	0	0	10	
91	JW	1045	1100	1,856	1	2	8	
87	JW	1100	1115	1,140	3	5	4	
92	JW	1115	1130	3,012	3	5	4	

97 again →

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Simon Cupa, Joshua Weisen, Martin Granados, Stephen Cisneros, Ernest Ramirez, Amanda Rivera, Steven Sandler

Cal. Gas Exp. Date: 2-2020

Date: 7-8-25 Instrument Used: TVA1000 Grid Spacing: 25

Temperature: 86° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
94	JW	1130	1145	57.10	1	2	6	
95	JW	1145	1200	47.16	1	2	10	
102	MG	0800	0815	45.30	2	4	12	
100	MG	0815	0830	220	2	4	12	
97	MG	0830	0845	21.60	3	5	12	
98	MG	0845	0900	280	2	4	11	
104	MG	0900	0915	2,600	3	4	11	
101	MG	0915	0930	31.10	1	3	10	
103	MG	0930	0945	41.30	0	1	2	
237	MG	0945	1000	27.10	3	5	12	
232	MG	1000	1015	51.60	3	5	12	
231	MG	1015	1030	28.13	4	5	12	
230	MG	1030	1045	21.16	0	0	10	
229	MG	1045	1100	2,200	1	2	6	
241	MG	1100	1115	19.21	3	5	4	
240	MG	1115	1130	101	3	5	4	
239	MG	1130	1145	127	1	2	4	
238	MG	1145	1200	338	1	2	10	
244	SC	0800	0815	49.37	2	4	12	
243	SC	0815	0830	51.20	2	4	12	
242	SC	0830	0845	53.12	3	5	12	
245	SC	0845	0900	46.29	2	4	11	
246	SC	0900	0915	900	3	4	11	
247	SC	0915	0930	22.18	1	3	10	
248	SC	0930	0945	16.0	0	1	2	
249	SC	0945	1000	600	3	5	12	
227	SC	1000	1015	1,500	3	5	12	
116	SC	1025	1040	53.00	0	0	10	
117	SC	1048	1103	13.26	1	2	6	
124	SC	1120	1135	12.83	3	5	4	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Simon Cupa, Joshua Iverson, Martin Arguedas
Stephen Contreras, Ernest Ramirez, Amanda Rivas
Steven Sanchez

Cal. Gas Exp. Date: 2-2026

Date: 7-8-25 Instrument Used: TVA1000 Grid Spacing: 25

Temperature: 86° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
131	SC	1105	1120	13.54	3	5	4	
107	ER	1045	1100	4.58	1	2	8	
281	ER	0800	0815	4.51	2	4	12	
106	ER	0815	0830	4.52	2	4	12	
105	ER	0830	0845	4.58	3	5	12	
29	ER	0845	0900	4.61	2	4	11	
27	ER	0900	0915	4.61	3	4	11	
26	ER	0915	0930	4.57	1	3	10	
24	ER	0930	0945	4.54	0	1	2	
25	ER	0945	1000	4.63	3	5	12	
22	ER	1000	1015	4.65	3	5	12	
23	ER	1015	1030	4.68	4	5	12	
21	ER	1030	1045	500	0	0	10	
164	AR	0824	0839	5.15	3	4	12	
198	AR	0839	0854	5.77	1	3	11	
199	AR	0854	0909	4.77	2	4	11	
197	AR	0909	0924	300	3	4	2	
196	AR	0924	0939	6.02	0	1	2	
162	AR	0939	0954	7.04	3	5	10	
195	AR	0954	1009	7.37	3	5	12	
88	AR	1009	1014	8.28	3	5	12	
194	AR	1014	1029	7.36	3	5	11	
96	AR	1029	1044	5.14	0	0	10	
99	AR	1044	1059	6.43	1	2	2	
216	AR	1059	1114	7.37	3	5	4	
217	AR	1114	1129	5.73	3	5	4	
218	AR	1129	1144	5.53	1	2	4	
219	AR	1144	1159	5.56	1	2	10	
220	AR	1159	1214	5.67	4	6	10	
209	ES	0818	0833	20.21	2	4	12	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Simon Lupe, Joshua Iverson, Martin Arredondo, Stephen Contreras, Ernest Ramirez, Armando Rivera, Steven Sanchez

Cal. Gas Exp. Date: 2-2024

Date: 7-8-25 Instrument Used: TVA1001 Grid Spacing: 25

Temperature: 86° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
212	SS	0833	0848	10.06	3	5	12	
217	SS	0848	0903	21.6	2	4	11	
214	SS	0903	0918	14.1	3	4	11	
211	SS	0918	0935	17.24	1	3	10	
208	SS	0937	0948	24.9	0	1	2	
210	SS	0948	1007	50.16	3	5	12	
215	SS	1007	1018	824	3	5	12	
221	SS	1215	1230	36.40	5	7	4	
222	SS	1200	1215	56.11	2	3	4	
223	SS	1145	1200	462	1	2	10	
224	SS	1130	1145	17.18	1	2	4	
225	SS	1115	1130	28.16	3	5	4	
226	SS	1045	1100	31.8	1	2	2	
227	SS	1030	1045	27.11	0	0	10	
228	SS	1100	1105	37.28	3	5	14	

Attach Calibration Sheet
Attach site map showing grid ID

Page 4 of 4

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 7-8-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.42 ppm	6.31 ppm	5.86 ppm

Background Value = 5.86 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	498 ppm	450 ppm	7
#2	500 ppm	450 ppm	8
#3	497 ppm	450 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.2 ppm	498 ppm	2
#2	0.4 ppm	500 ppm	0
#3	0.0 ppm	497 ppm	3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.33 % #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-8-25 / 0740

RES
Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 5 SERIAL #: 4919480

MONITORING DATE: 7-8-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.10 ppm	7.32 ppm	6.71 ppm

Background Value = 6.71 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	498 ppm	450 ppm	6
#2	501 ppm	450 ppm	8
#3	499 ppm	450 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	498 ppm	2
#2	1.0 ppm	501 ppm	1
#3	0.3 ppm	499 ppm	1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1		0.26% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 7-8-25 / 0740

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 1 SERIAL #: 16320832

MONITORING DATE: 7-8-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.43 ppm	6.19 ppm	5.81 ppm

Background Value = 5.81 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	498 ppm	450 ppm	6
#2	499 ppm	450 ppm	7
#3	500 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	498 ppm	2
#2	0.3 ppm	499 ppm	1
#3	0.5 ppm	500 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			.2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-8-25 / 0740

RES
Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 76 SERIAL #: 0332603195

MONITORING DATE: 7-8-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.17 ppm	7.41 ppm	6.79 ppm

Background Value = 6.79 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	496 ppm	450 ppm	6
#2	498 ppm	450 ppm	7
#3	500 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	496 ppm	4
#2	0.3 ppm	498 ppm	2
#3	0.5 ppm	500 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.4% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-8-25 / 0740

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 9 SERIAL #: 0532113801

MONITORING DATE: 7-8-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.17 ppm	7.21 ppm	6.69 ppm

Background Value = 6.69 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	448 ppm	450 ppm	6
#2	500 ppm	450 ppm	7
#3	501 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	448 ppm	2
#2	0.3 ppm	500 ppm	0
#3	0.5 ppm	501 ppm	1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.2% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 7-8-25 / 0740

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 43 SERIAL #: 15865062

MONITORING DATE: 7-8-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.42 ppm	6.31 ppm	5.86 ppm

Background Value = 5.86 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	498 ppm	450 ppm	6
#2	499 ppm	450 ppm	7
#3	500 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	498 ppm	2
#2	0.1 ppm	499 ppm	1
#3	0.0 ppm	500 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			.2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-8-25 / 0740

RES
Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 4 SERIAL #: 1035045571

MONITORING DATE: 7-8-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.32 ppm	8.16 ppm	7.74 ppm

Background Value = 7.74 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	499 ppm	450 ppm	6
#2	502 ppm	450 ppm	7
#3	503 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

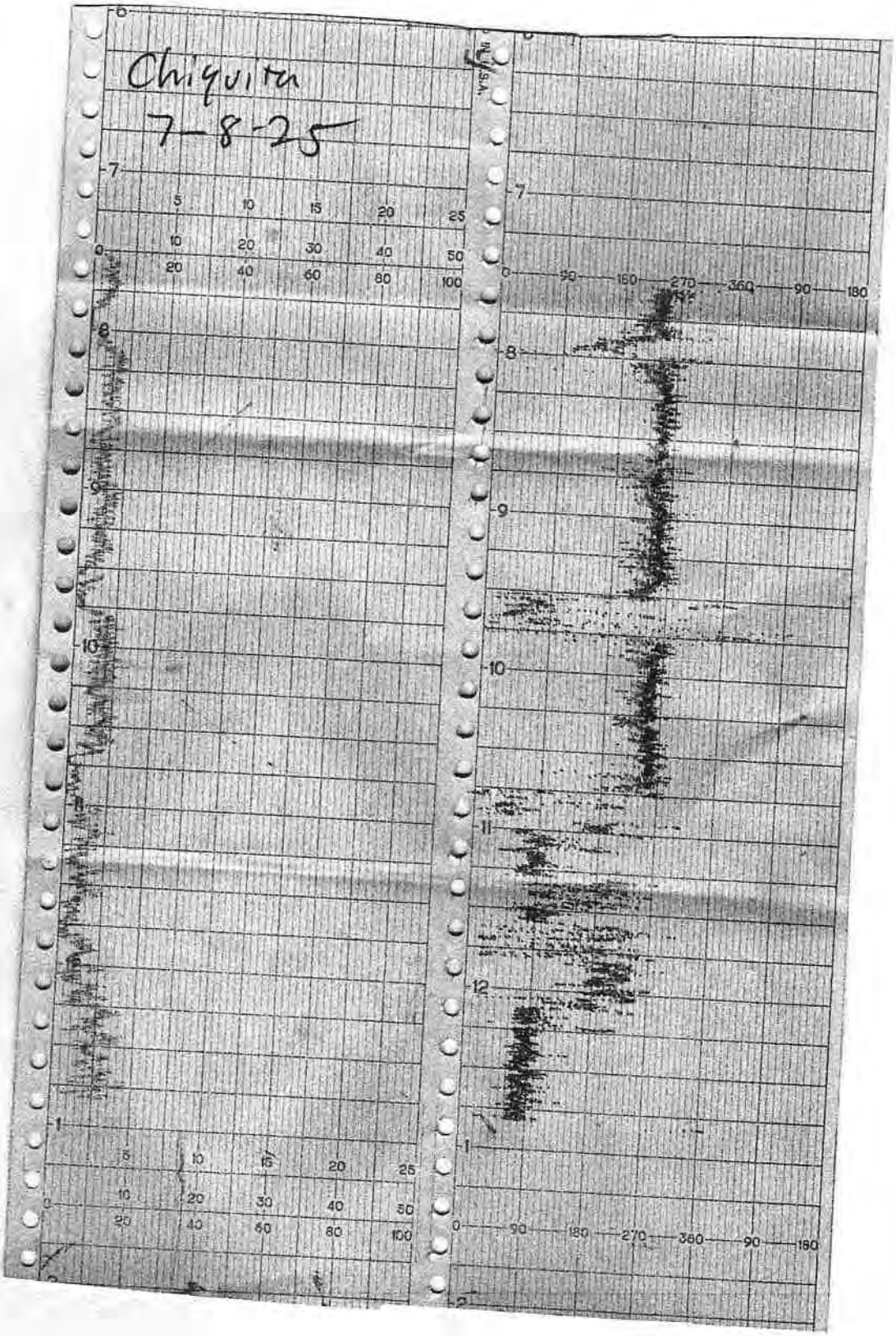
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	499 ppm	1
#2	0.3 ppm	502 ppm	2
#3	0.5 ppm	503 ppm	3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.4% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-8-25 / 0740

WIND SPEED & DIRECTION CHART ROLL



Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR / 2025	3rd Quarter 2025	3rd QTR / 2025
Technician:	Stephen Borchers	D Hernandez	Jacob Pennington
Instrument:	TVA 1000	TVA 1000	TVA 1000
Calibration Standard:	500 ppm	500 PPM	500 PPM

Initial Monitoring Event					First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
246	Y81	surface	900	7-8-25	0900	7/17/25	37.5		0955	8-6-25	45.7	
249	Y82	surface	600		0915		106		0957		200	
237	Y83	surface	1,500		0920		71.1		0958		67.9	
21	Y61	well C-8	500		0952		319		1108		302	
56	Y41	h1807n	1,575		1008		299		1115		277	
56	Y42	CV24137	990		1010		73.4		1116		55.3	
60	Y43	well unmarked	4,580		1014		371		1055		408	
40	Y44	CV 2017	991		1032		67.7		1056		82.4	
33	Y45	CV 24109	1,745		1017		133		1050		172	
33	Y46	# 1805B	9,999		1018		49.97		1051		33.4	
37	Y47	H 2164E	1,747		1016		380		1048		404	
41	Y48	CV 55A	2,980		1030		319		1059		325	
45	Y49	steel pipe	2,730		1035		370		1057		349	
46	Y50	Elec. steel pipe	3,950		1037		402		1102		387	
104	Y1	well unknown	1,120		0936		58.3		1014		84.5	
104	42	surface	2,600		0941		66.1		1015		75.7	
229	43	#2404N	2,200		0911		34.9		1002		46.8	
215	Y101	h7089	824		0903		11.8		1007		13.1	
215	Y102	h8049	661		0903		13.3		1008		10.8	
42	421	CV1705	1,840		1029		276		1044		128	
38	422	surface	1,100		1026		47.0		1038		38.4	
38	423	CV1703	1,452		1027		93.6		1037		111	

10 DAY

Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: Chiquita Canyon Landfill

Quarter / Year:	3rd QTR/2025	3rd Quarter 2025	3rd QTR/2025
Technician:	Stephen Borchers	D Hernandez	Jacob Pennington
Instrument:	TVA 1000	TVA 1000	TVA 1000
Calibration Standard:	500ppm	500PPM	500 PPM

Initial Monitoring Event					First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
35	424	Surface	503	7-8-25	1024	7/19/25	56.7		1042	8-6-25	66.3	
39	425	Surface	1,430		1040		91.3		1040		70.0	
38	426	Well 0411	805		1042		61.0		1035		91.4	
49	427	CV34226	1,426		1044		221		1030		194	
92	428	Surface	4,325		1100		197		1027		187	
92	429	Surface	550		1102		52.6		1028		73.0	
92	430	Well Void	1,842		1106		417		1024		430	
91	431	CV24208	1,856		1046		23.9		1025		48.5	
92	432	Surface	2,923		1048		77.3		1018		89.2	
87	433	Surface	500		1049		49.1		1020		61.3	
87	434	Surface	1,190		1050		37.3		1022		58.7	
35	4231	Surface	1,470		1024		57.3		1032		38.7	

10 Day

Blue Flag (200-499 ppm) Land Surface Emissions Monitoring
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR / 2025	3rd Quarter 2025	Page of Pages
Technician:	Stephen Borchers	D Hernandez	
Instrument:	TVA1000	TVA 1000	
Calibration Standard:	500ppm	500 PPM	

Initial Monitoring Event					Re-Monitoring Event – 10 Days				Comments
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	Field Reading <200 ppm	Field Reading >200 ppm	
237	B81	Surface	340	7-8-25	0921	7/17/25	130		
180	B1	Surface	220		0929		14.4		
98	B2	surface	280		0932		56.3		
98	B3	H1967E	207		0934		5.8		
238	B4	Surface	338		0918		79.8		
42	B23	surface	200		1031		14.8		
50	B27	surface	320		1057		113		
51	B21	wellhead	240		1055		83.0		

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 44 SERIAL #: 7193090

MONITORING DATE: 7/17/25 TIME: 0900

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 503 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
1.4 ppm	1.6 ppm	1.5 ppm

Background Value = 1.5 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	500 ppm	450 ppm	4
#2	502 ppm	450 ppm	5
#3	503 ppm	450 ppm	4
Calculate Response Time (1+2+3) / 3			4.3 #DIV/0! Must be less than 30 seconds

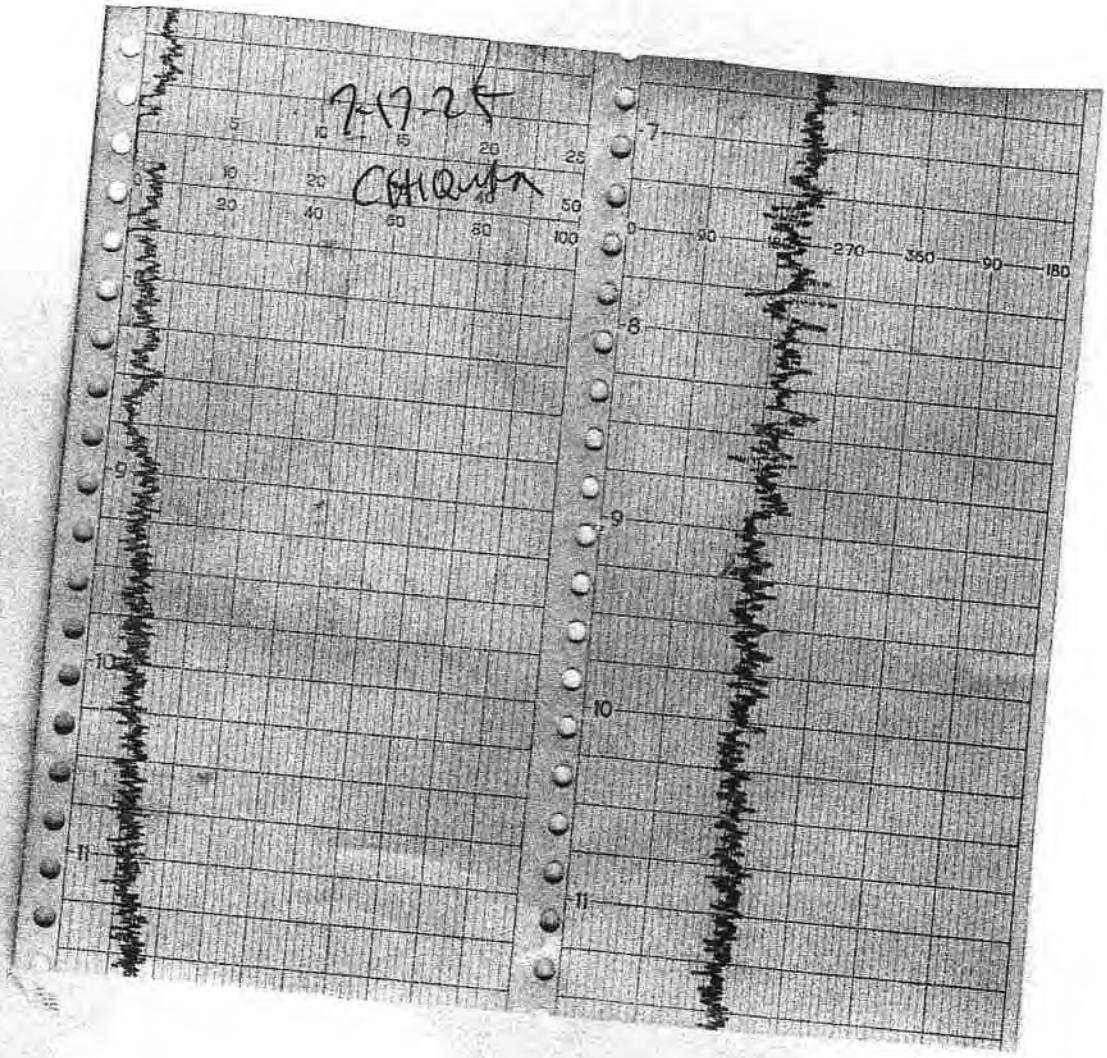
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	500 ppm	0
#2	1.2 ppm	502 ppm	2
#3	1.3 ppm	503 ppm	3
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1		0.3% #DIV/0! Must be less than 10%

Performed By: D Hernandez Date/Time: 7/17/25 0900

WIND SPEED & DIRECTION CHART ROLL



7-8-25 CHIQUITA CANYON LANDFILL EXCEEDANCES

ID	lat	lon	time	name	cmt
1	34.430604	-118.646804	2025-07-08T15:23:05Z	B01	220Ppmgrd100 surface
2	34.43029697	-118.646131	2025-07-08T15:39:10Z	B02	Grd98surface 280ppm
3	34.43022899	-118.645827	2025-07-08T15:49:33Z	B03	Grd98 well h1967e 207Ppm
4	34.42787804	-118.648617	2025-07-08T18:45:04Z	B04	Grd238 surface338
5	34.43281003	-118.642206	2025-07-08T15:25:45Z	B21	240Ppmgrd52wellnoid
6	34.43388501	-118.642875	2025-07-08T15:46:42Z	B23	200Ppmgrd42surface
7	34.432359	-118.643613	2025-07-08T17:07:47Z	B27	320Ppmgrd50surface
8	34.42831599	-118.648318	2025-07-08T17:02:58Z	B81	340Ppm grid 237-surface
9	34.43007602	-118.645386	2025-07-08T15:56:44Z	Y1	Grd104 welld6 1120ppm
10	34.43128101	-118.650647	2025-07-08T17:15:52Z	Y101	Ppm824grd215wellh708a
11	34.43112804	-118.650565	2025-07-08T17:21:07Z	Y102	Ppm661grd215wellh104a
12	34.43042697	-118.644696	2025-07-08T16:04:53Z	Y2	Grd104 surface 2600Ppm
13	34.43361796	-118.643328	2025-07-08T16:03:57Z	Y21	1840Ppmgrd42wellcv-1701s
14	34.43348302	-118.643956	2025-07-08T16:15:51Z	Y22	1100Ppmgrd38surface
15	34.43339601	-118.643997	2025-07-08T16:16:57Z	Y23	1452Ppmgrd38wellcv-1703
16	34.43294398	-118.644685	2025-07-08T16:36:45Z	Y231	1470Ppmgrd35surface
17	34.43292604	-118.644645	2025-07-08T16:37:58Z	Y24	503Ppmgrd35surface
18	34.43308496	-118.643385	2025-07-08T16:53:37Z	Y25	1430Ppmgrd39surface
19	34.43280601	-118.643484	2025-07-08T16:59:59Z	Y26	805Ppmgrd38wellcv-11
20	34.43214401	-118.6443	2025-07-08T17:18:28Z	Y27	1426Ppmgrd49wellcv-34226
21	34.43195198	-118.644193	2025-07-08T17:35:55Z	Y28	4325Ppmgrd92surface
22	34.43183597	-118.643917	2025-07-08T17:41:03Z	Y29	750Ppmgrd92surface
23	34.42934797	-118.649511	2025-07-08T17:37:30Z	Y3	Grd229 well h2404n ppm2200
24	34.431553	-118.644336	2025-07-08T17:48:51Z	Y30	1842Ppmgrd92wellnoid
25	34.43184502	-118.644957	2025-07-08T17:54:20Z	Y31	1856Ppmgrd91wellcv24208
26	34.43128604	-118.645183	2025-07-08T18:16:15Z	Y32	7923Ppmgrd92surface
27	34.43124798	-118.644994	2025-07-08T18:18:21Z	Y33	500Ppmgrd87surface
28	34.431122	-118.64458	2025-07-08T18:27:22Z	Y34	1190Ppmgrd87surface
29	34.43646999	-118.643516	2025-07-08T15:55:26Z	Y41	1575Ppmgrd56wellh1807n
30	34.43615299	-118.643443	2025-07-08T16:02:54Z	Y42	990Ppmgrd56wellcv24137
31	34.43522997	-118.64419	2025-07-08T16:26:53Z	Y43	4580Ppmgrd60welltd96
32	34.43505504	-118.643301	2025-07-08T17:09:56Z	Y44	991Ppmgrd40wellcv2012
33	34.43402398	-118.644856	2025-07-08T17:39:52Z	Y45	1745Ppmgrd33wellcv24109
34	34.43375199	-118.645152	2025-07-08T17:45:07Z	Y46	9999Ppmgrd33wellh1805b
35	34.43425801	-118.644189	2025-07-08T17:58:39Z	Y47	1747Ppmgrd37wellh2169e
36	34.434386	-118.642756	2025-07-08T18:17:39Z	Y48	2980Ppmgrd41wellcv55r
37	34.434962	-118.64281	2025-07-08T18:25:42Z	Y49	2730Ppmgrd45steelpipe
38	34.434157	-118.642096	2025-07-08T18:43:48Z	Y50	3950Ppmgrd46electricpipe
39	34.43369499	-118.64077	2025-07-08T19:10:45Z	Y61	500Ppmwellc8
40	34.42732399	-118.650077	2025-07-08T16:03:57Z	Y81	900Ppm grid 246-surface
41	34.42762398	-118.648737	2025-07-08T16:53:46Z	Y82	600Ppm grid 249-surface
42	34.42813796	-118.648382	2025-07-08T17:12:38Z	Y83	1500Ppm grid 237-surface

Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
30 Day Exceedances and Monitoring Log

Site: Chiquita

Quarter / Year:	3rd QTR /2025	3rd QTR /2025
Technician:	Stephen Barchers	Jacob Pennington
Instrument:	TVA1000	TVA1000
Calibration Standard:	500ppm	500ppm

Initial Monitoring Event					30 Day Re-Monitoring Event				First Re-Monitoring Event – 10 Days			
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
246	Y81	surface	900	7-8-25	0955	8-6-25	45.7					
249	Y82	surface	600		0957		200					
237	Y83	surface	1,500		0958		67.9					
21	Y61	well C-8	500		1108		302					
56	Y41	H1807N	1,575		1115		277					
56	Y42	CV24137	990		1116		55.3					
60	Y43	Unmarked	4,580		1055		408					
40	Y44	CV2012	991		1056		82.4					
33	Y45	CV2410g	1,745		1050		172					
33	Y46	H1805D	9,999		1051		33.4					
37	Y47	H2169E	1,747		1048		404					
41	Y48	CV55A	2,980		1059		425					
45	Y49	Steel pipe	2,730		1057		349					
46	Y50	Elec Tulip	3,950		1102		287					
104	Y1	unmarked	1,120		1014		84.5					
104	Y2	surface	2,600		1015		75.7					
229	Y3	H2404N	2,200		1002		46.8					
215	Y101	h7089	824		1007		13.1					
215	Y102	h8049	661		1008		10.8					
42	Y21	CV17015	1,840		1044		128					
38	Y22	surface	1,100		1038		38.4					
38	Y23	CV1703	1,452		1037		111					

Yellow Flag (over 500 ppm) Landfill Surface Emissions Monitoring
30 Day Exceedances and Monitoring Log

Site: Chiquita Canyon Landfill

Quarter / Year:	3rd QTR / 2025	3rd QTR / 2025
Technician:	Stephen Bedrosian	Jacob Pennington
Instrument:	TVA1000	TVA1000
Calibration Standard:	500ppm	500ppm

Initial Monitoring Event					30 Day Re-Monitoring Event				First Re-Monitoring Event – 10 Days			
Grid Number	Flag Number	Location	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm	Remedial Work	Date Monitored	No Excd. <500 ppm	Excd. >500 ppm
35	Y24	surface	507	7-8-25	1042	8-6-25	66.3					
39	Y25	surface	1,430		1046		70.0					
38	Y26	well 041	805		1037		91.4					
49	Y27	CV34226	1,426		1030		194					
92	Y28	surface	4,325		1027		187					
92	Y29	surface	750		1028		73.0					
92	Y30	well NOID	1,842		1024		430					
91	Y31	CV24208	1,856		1025		48.5					
92	Y32	surface	2,923		1018		84.2					
87	Y33	surface	500		1020		61.3					
87	Y34	surface	1,140		1022		58.7					
35	Y231	surface	1,470	↓	1032	↓	38.7					

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 57 SERIAL #: 3343 6113

MONITORING DATE: 8-6-25 TIME: 0730

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 507 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
2.4 ppm	2.5 ppm	2.5 ppm

Background Value = 2.5 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	505 ppm	450 ppm	6
#2	505 ppm	450 ppm	6
#3	507 ppm	450 ppm	4
Calculate Response Time (1+2+3) / 3			5.3 #DIV/0! Must be less than 30 seconds

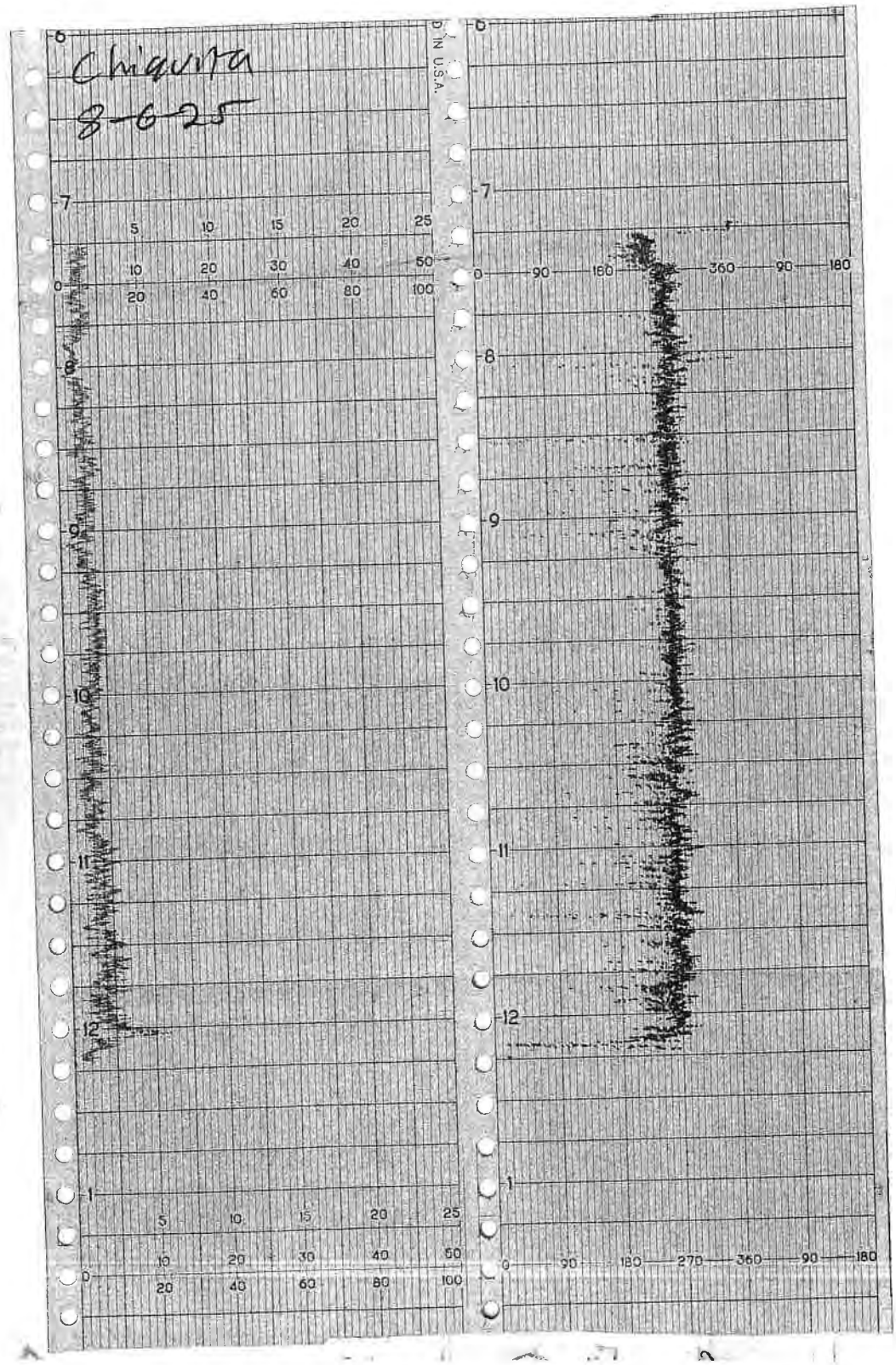
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.1 ppm	505 ppm	5
#2	1.0 ppm	505 ppm	5
#3	1.0 ppm	507 ppm	7
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			1.1% #DIV/0! Must be less than 10%

Performed By: J. Pennington Date/Time 8-6-25 / 0730

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Ernie Ramirez, Armando Rivera, Ryan James, Alex Brosan, Stephen Cameron, Gerard Garcia, Joshua Nelson

Cal. Gas Exp. Date: 2-2026

Date: 7-9-25 Instrument Used: TVA1000 Grid Spacing: 25

Temperature: 81° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
11	ER	0735	0750	12.58	3	4	10	
12	ER	0750	0805	11.62	4	5	10	
8	ER	0805	0820	8.57	3	4	10	
109	ER	0820	0835	9.24	3	4	10	
108	ER	0835	0850	8.72	2	4	10	(High Brush Walled Edge)
110	ER	0850	0905	9.56	2	4	10	
111	ER	0905	0920	8.49	1	2	10	
132	AR	0759	0815	3.75	3	4	10	
137	AR	0815	0830	5.28	3	4	10	
138	AR	0830	0845	5.75	3	4	10	
139	AR	0845	0900	5.39	2	3	10	
140	AR	0900	0915	5.36	0	1	10	High Brush
141	AR	0915	0930	5.10	2	3	10	↓
142	AR	0930	0945	5.75	4	5	10	
1	RJ	0907	0922	9.1	1	2	10	slope/ivy
2	RJ	0952	0907	8.7	2	4	10	↓
3	RJ	0837	0852	6.6	2	4	10	
4	RJ	0822	0837	7.1	3	4	10	
5	RJ	0807	0822	6.3	3	4	10	
114	RJ	0752	0807	5.1	4	5	10	↓
118	AB	0745	0800	4.32	3	4	10	Brush/Slope
119	AB	0800	0815	5.10	3	4	10	Full Brush
120	AB	0815	0830	4.21	3	4	10	↓
121	AB	0830	0845	4.31	3	4	10	Brush
122	AB	0900	0915	5.78	0	1	10	↓
129	AB	0845	0900	4.91	2	3	10	
133	AB	0918	0933	4.72	2	3	10	↓
125	SC	0750	0805	12.17	4	5	10	
126	SC	0805	0820	11.67	3	4	10	
127	SC	0735	0750	3.48	3	4	10	

Attach Calibration Sheet
Attach site map showing grid ID

INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Ernie Ramirez, Armando Rivera, Ryan James, Alex Brosam, Stephen Contreras, Gerard Garcia, Joshua Nelson

Cal. Gas Exp. Date: 2-2024

Date: 7-9-25 Instrument Used: TVA1000 Grid Spacing: 25

Temperature: 81° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
128	SC	0820	0835	3.68	3	4	10	
136	SC	0837	0852	3.25	2	4	10	
135	SC	0852	0907	3.18	2	4	10	
134	SC	0907	0922	3.26	1	2	10	
144	GG	0845	0900	13.95	2	3	10	Heavy Brush
10	GG	0830	0845	12.94	3	4	10	Pile of Dirt/Heavy Brush
143	GG	0815	0830	12.56	3	4	10	Heavy Brush
112	GG	0800	0815	13.02	3	4	10	Metal Cont./Cars
113	GG	0745	0800	12.65	3	4	10	Big Dirt Piles
115	GG	0730	0745	12.20	3	4	10	Metal Containers
17	JW	0730	0745	5.45	3	4	10	
18	JW	0745	0800	6.77	3	4	10	Tanks
19	JW	0800	0815	7.10	3	4	10	Brush
16	JW	0815	0830	5.42	3	4	10	Brush
20	JW	0830	0845	6.72	3	4	10	Construction
15	JW	0845	0900	5.13	2	3	10	
14	JW	0900	0915	6.19	0	1	10	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA CANYON LANDFILL
INSTANTANEOUS LANDFILL SURFACE MONITORING

Personnel: Stephen Bachus _____ _____

_____ _____ _____

_____ _____ Cal. Gas Exp. Date: _____

Date: 7-9-25 Instrument Used: _____ Grid Spacing: _____

Temperature: _____ Precip: _____ Upwind BG: _____ Downwind BG: _____

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	WIND INFORMATION			REMARKS
					AVG SPEED	MAX. SPEED	DIRECTION	
123								Active Continuous
130								
236								
235								
234								
253								
252								
251								
250								
6								
7								
9								
13								

Attach Calibration Sheet
Attach site map showing grid ID

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RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 7-9-25 TIME: 0715

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.54 ppm	7.13 ppm	6.83 ppm

Background Value = 6.83 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	499 ppm	450 ppm	6
#2	501 ppm	450 ppm	7
#3	503 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	499 ppm	1
#2	1.0 ppm	501 ppm	1
#3	0.3 ppm	503 ppm	3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.33 % #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-9-25 / 0715

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 4 SERIAL #: 1035045571

MONITORING DATE: 7-9-25 TIME: 0715

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 500 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.32 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	500 ppm	450 ppm	6
#2	502 ppm	450 ppm	7
#3	505 ppm	450 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	500 ppm	0
#2	0.3 ppm	502 ppm	2
#3	0.5 ppm	505 ppm	5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			0.46 % #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-9-25 / 0715

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 36 SERIAL #: 0332603195

MONITORING DATE 7-9-25 TIME: 0715

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 499 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.54 ppm	5.62 ppm	5.08 ppm

Background Value = 5.08 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	498 ppm	450 ppm	6
#2	500 ppm	450 ppm	8
#3	499 ppm	450 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	498 ppm	2
#2	0.3 ppm	500 ppm	0
#3	1.0 ppm	499 ppm	1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			.2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time 7-9-25 / 0715

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerardo Garcia, Simon Lopez, Stephen Barahona, Stephen Carrasco, Steven Sanchez, Ernie Ramirez, Armando Rivera, Joshua Wilson

Cal. Gas Exp. Date: 2-2026

Date: 7-31-25 Instrument Used: ~~TSS~~ Pandas (1-8) Grid Spacing: 25

Temperature: 92° Precip: Ø Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
13	GG	0735	0800	9.17	333	1	2	12	Big pile of dirt / Road
144	GG	0800	0825	6.24		1	1	12	Heavy Brush
143	GG	0825	0850	9.98		1	1	12	↓
112	GG	0850	0915	6.70		1	1	12	Heavy Brush
113	GG	0915	0940	6.67		1	2	12	↓
114	GG	0940	1005	9.13		1	1	10	Heavy Brush
115	GG	1005	1030	6.45		1	2	5	↓
122	GG	1030	1055	6.52		1	1	6	
121	GG	1055	1120	8.72		1	2	5	↓
84	SC	0800	0825	8.91		1	1	12	
30	SC	0825	0850	14.52		1	1	12	
33	SC	0850	0915	10.13		1	1	12	
37	SC	0915	0940	16.53		1	2	12	
41	SC	0940	1005	9.18		1	1	10	
45	SC	1005	1030	3.51		1	2	5	Slope Slippery/Fences
46	SC	1030	1055	3.56		1	1	6	Portable Fence in way
47	SC	1055	1120	4.68		1	2	5	
107	SB	0845	0910	6.36		1	1	12	
52	SB	0915	0940	6.44		1	2	12	
51	SB	0940	1005	7.85		1	1	10	
48	SB	1040	1105	6.43		1	2	6	
135	SC	0730	0755	6.91		1	2	13	90% High Brush
134	SC	0755	0820	7.09		1	1	12	↓
133	SC	0820	0845	6.53		1	1	12	↓
126	SC	1035	1100	6.00		1	1	6	100% High Brush
125	SC	1010	1035	6.74		1	2	5	95% High Brush
132	SC	0845	0910	7.06		1	1	12	95% High Brush
131	SC	0910	0935	6.52		1	2	12	
124	SC	0945	1010	7.32		1	1	12	
108	SC	0725	0750	7.14	↓	1	2	13	Heavy Brush

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Simon Lopez, Stephen Borchert, Stephen Camerano, Steven Sanchez, Ernie Ramirez, Armando Rivera, Joshua Wesson
Cal. Gas Exp. Date: 2-2028

Date: 7-31-25 Instrument Used: ISS Packs (1-8) Grid Spacing: 25

Temperature: 92° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
109	SS	0750	0815	5.16	333	1	2	12	Heavy Brush
8	SG	0815	0840	9.14		1	1	12	
111	SS	0840	0905	6.86		1	1	12	
110	SS	0905	0930	10.14		1	2	12	
1	SS	0930	0955	7.23		1	1	13	
2	SS	0955	1020	5.98		1	2	5	
3	SS	1020	1045	6.53		1	2	5	Heavy Brush
17	ER	0730	0755	6.61		1	2	13	
18	ER	0755	0820	6.43		1	1	12	
19	ER	0820	0845	7.38		1	1	12	
16	ER	0845	0910	3.18		1	1	12	
20	ER	0910	0935	3.16		1	2	12	
15	ER	0935	1000	3.72		1	1	10	
14	ER	1000	1025	3.31		1	2	5	
11	ER	1025	1050	3.91		1	2	5	
12	ER	1050	1115	3.11		1	2	5	
116	JW	0730	0755	13.36		1	2	13	
117	JW	0755	0820	15.20		1	1	12	
118	JW	0820	0845	10.42		1	1	12	
119	JW	0845	0910	11.25		1	1	12	
120	JW	0910	0935	12.30		1	2	12	
127	JW	0950	1015	13.40		1	2	5	Brush/Slope
128	JW	1015	1040	18.20		1	2	5	
129	JW	1040	1105	12.20		1	1	6	
136	JW	1105	1130	11.25		1	2	5	
123	AR	0730	0755	7.62		1	2	13	
130	AR	0755	0820	8.72		1	2	12	
137	AR	0820	0845	7.35		1	1	12	
138	AR	0845	0910	10.55		1	1	12	
139	AR	0910	0935	11.75		1	2	12	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Simon Lopez, Stephen Borchert, Stephen Camarero, Steven Sanchez, Eddie Ramirez, Armando Rivera, Joshua Wesson

Cal. Gas Exp. Date: 2-2029

Date: 7-31-25 Instrument Used: TVA Pacers (1-8) Grid Spacing: 25

Temperature: 92° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
140	AR	0935	1000	8.45	333	1	1	10	High Reads
141	AR	1000	1025	7.62	↓	1	2	5	↓
142	AR	1025	1050	7.32	↓	1	1	6	↓

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Barbus _____ _____

_____ _____ _____

_____ _____ Cal. Gas Exp. Date: _____

Date: 7-31-25 Instrument Used: _____ Grid Spacing: _____

Temperature: _____ Precip: _____ Upwind BG: _____ Downwind BG: _____

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
236									construction
235									
234									
253									
252									
251									
4									
5									
7									
6									
9									
10									

Attach Calibration Sheet
Attach site map showing grid ID

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RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 43 SERIAL #: 1586506 2

MONITORING DATE: 7-31-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.5 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.32 ppm	5.17 ppm	4.75 ppm

Background Value = 4.75 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.5 ppm	20 ppm	7
#2	25 ppm	20 ppm	8
#3	24.0 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.5 ppm	.5
#2	0.3 ppm	25 ppm	0
#3	0.5 ppm	24.0 ppm	1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-31-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 3 SERIAL #: 15865884

MONITORING DATE: 7-31-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.9 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.32 ppm	5.19 ppm	4.75 ppm

Background Value = 4.75 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.7 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

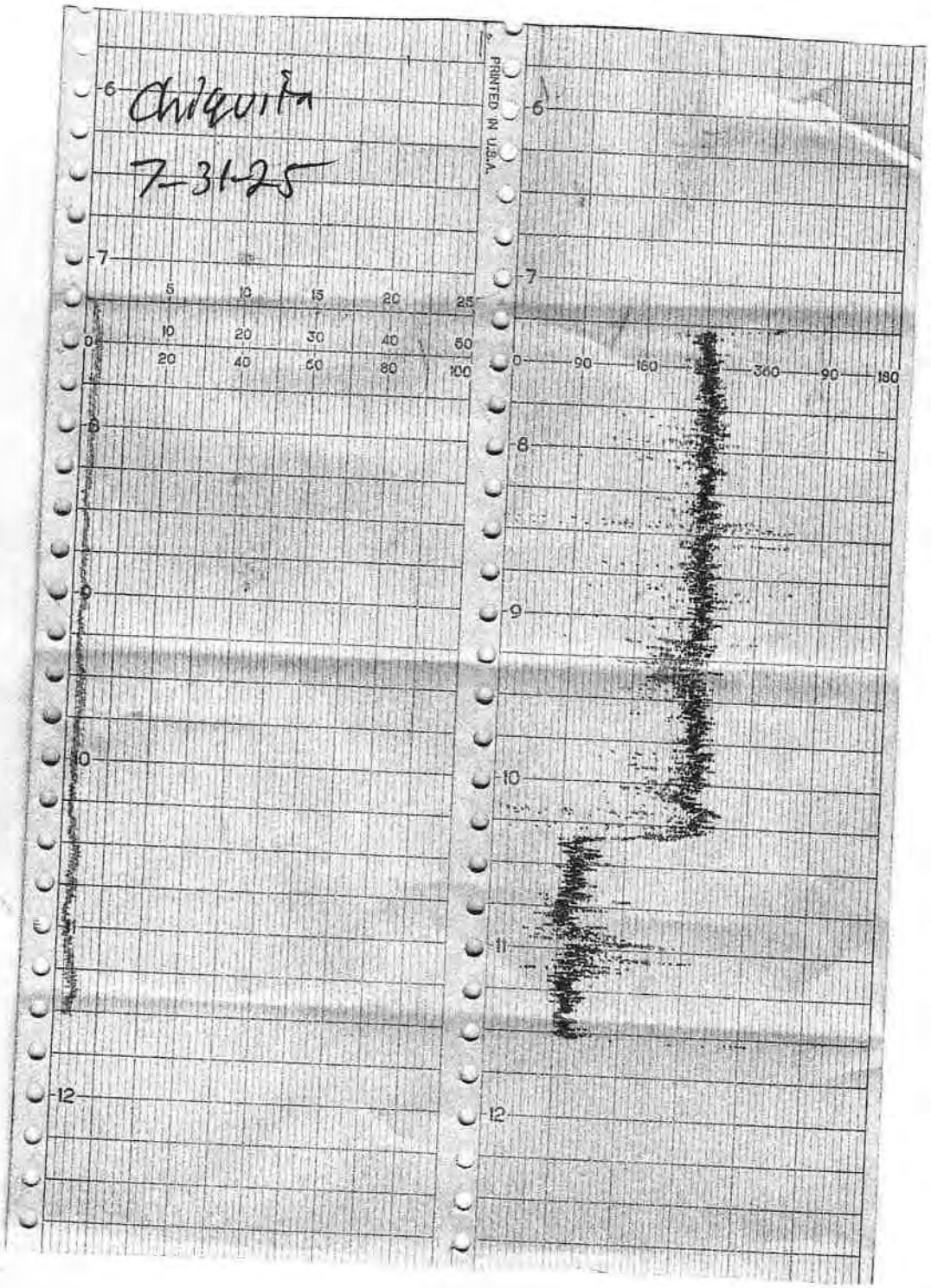
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.3 ppm	.7
#2	0.0 ppm	24.7 ppm	.3
#3	0.3 ppm	24.9 ppm	.1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.46% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 7-31-25 / 0720

WIND SPEED & DIRECTION CHART ROLL



ISS Sampling

Chiquita Canyon
August 2025

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Camerino, Nyles Jamerson, Gerard Garcia, Ernest Ramirez, Armando Rivera, Joshua Wilson, Stephen Borchers

Cal. Gas Exp. Date: 2-2029

Date: 8-6-25 Instrument Used: FSS Run(1-7) Grid Spacing: 25

Temperature: 70° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
150	SC	0730	0755	13.54	333	1	2	14	
151	SC	0755	0820	10.60	|	3	4	15	
156	SC	0820	0845	8.52	|	2	3	14	
177	SC	0845	0910	77.28	|	2	3	12	
172	SC	0910	0935	12.53	|	3	4	12	
148	SC	1125	1150	16.42	|	4	7	12	
53	SC	1100	1125	77.86	|	2	5	12	
81	SC	1035	1100	33.41	|	3	5	12	
82	SC	1010	1035	35.0	|	4	6	12	
157	NT	0730	0755	8.5	|	1	2	14	
152	NT	0755	0820	5.7	|	3	4	15	
153	NT	0820	0845	6.3	|	2	3	14	
158	NT	0845	0910	17.2	|	2	3	12	
171	NT	0910	0935	8.6	|	3	4	12	
165	NT	0955	1020	5.7	|	3	4	12	
160	NT	1020	1045	8.2	|	2	3	12	
90	NT	1045	1110	6.1	|	3	5	12	
84	NT	1110	1135	7.5	|	2	5	12	
187	GG	0730	0755	5.77	|	1	2	14	
188	GG	0755	0820	5.38	|	3	4	15	
189	GG	0820	0845	5.56	|	2	3	14	
182	GG	0845	0910	4.38	|	2	3	12	Drop off (steep)
183	GG	0910	0935	5.46	|	3	4	12	
149	GG	1000	1025	23.41	|	3	4	12	
154	GG	1025	1050	15.64	|	2	3	12	
155	GG	1050	1115	19.79	|	3	5	12	
159	GG	1115	1140	20.49	|	2	5	12	
181	ER	0845	0910	8.39	|	2	3	12	
200	ER	0910	0935	6.71	|	3	4	12	
201	ER	0920	0845	7.29	✓	2	3	14	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Camarena, Nyles Tumason, Gerard Garcia, Ernest Ramirez, Armando Rivera, Joshua Wesson, Stephen Borchers

Cal. Gas Exp. Date: 2-2024

Date: 8-6-25 Instrument Used: FSS Packs (1-7) Grid Spacing: 25

Temperature: 70° Precip: Ø Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
175	ER	0755	0820	7.4	333	3	4	15	
176	ER	0730	0755	6.57		1	2	14	
173	ER	1125	1150	7.16		4	7	12	
174	ER	1100	1125	6.21		2	5	12	
169	ER	1035	1100	6.47		3	5	12	
170	ER	1010	1035	7.31		4	6	12	
184	AR	0755	0820	9.42		3	4	15	
185	AR	0820	0845	99.25		2	3	14	
178	AR	0845	0910	9.63		2	3	12	
179	AR	0910	0935	9.05		3	4	12	
180	AR	0935	1000	9.48		3	4	12	
163	AR	1035	1102	15.26		3	5	12	
164	AR	1102	1127	5.61		2	5	12	
209	AR	1127	1152	19.60		4	7	12	
168	AR	1152	1217	30.70		1	2	10	
190	JW	0730	0755	5.30		1	2	14	Mountain
191	JW	0755	0820	3.70		3	4	15	slope
192	JW	0820	0845	3.48		2	3	14	slope
193	JW	0845	0910	2.42		2	3	12	
186	JW	0910	0935	3.45		3	4	12	
145	JW	0950	1015	5.20		3	4	12	
77	JW	1015	1040	14.62		4	6	12	
78	JW	1040	1105	6.25		3	5	12	
79	JW	1105	1130	3.40		2	5	12	
146	SB	0810	0835	13.64		2	4	12	
76	SB	0835	0900	16.54		2	3	12	
66	SB	1010	1035	16.08		4	6	12	
147	SB	1035	1100	15.42		3	5	12	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 5 SERIAL #: 4919480

MONITORING DATE: 8-6-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.9 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.43 ppm	7.29 ppm	6.86 ppm

Background Value = 6.86 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	24.4 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	24.1 ppm	.9
#2	0.1 ppm	24.5 ppm	.5
#3	0.2 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 8-6-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 46 SERIAL #: 7783434

MONITORING DATE: 8-6-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.64 ppm	6.32 ppm	5.98 ppm

Background Value = 5.98 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.7 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

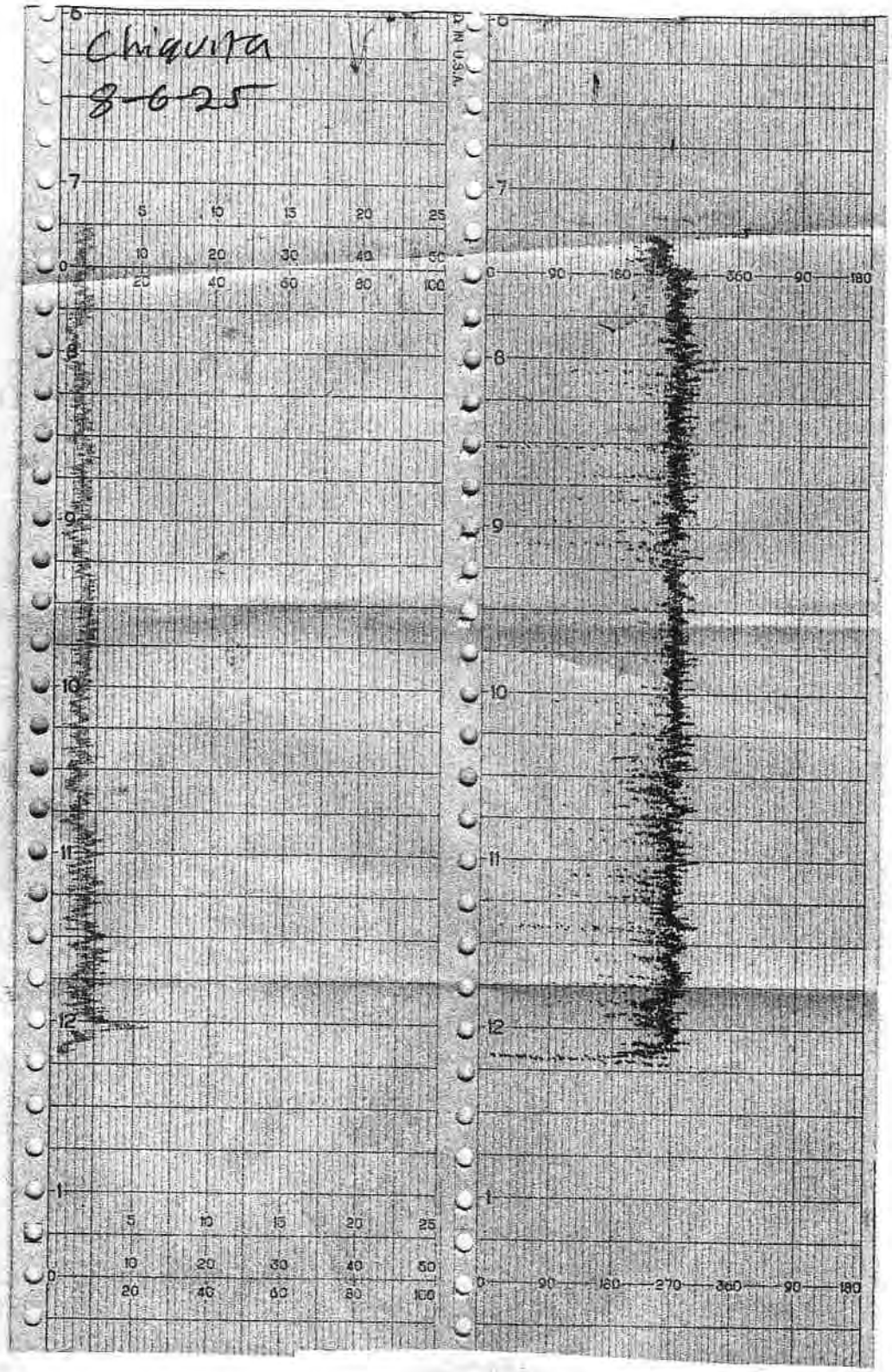
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	24.3 ppm	.7
#2	0.5 ppm	24.7 ppm	.3
#3	0.0 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.3% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 8-6-25 / 0720

WIND SPEED & DIRECTION CHART ROLL



Integrated [illegible]face Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR/2025		3rd Quarter 2025								
Technician:			D Hernandez								
Instrument:			TVA 1000								
Calibration Standard:			500 PPM								
Initial Monitoring Event			**First Re-Monitoring Event – 10 Days**				**Second Re-Monitoring Event – 10 Days**				
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	
177	68.59	8-6-25		8/13/25	19.6						
53	69.38	↓		↓	22.1						
81	33.41				16.7						
82	35.0				13.8						
185	87.45				20.3						
168	30.70	↓		↓	11.8						

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 44 SERIAL #: 17193090

MONITORING DATE: 8/13/25 TIME: 1000

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.31 ppm	5.88 ppm

Background Value = 5.8 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.1 ppm	20 ppm	7
Calculate Response Time (1+2+3)/3			7 #DIV/0! Must be less than 30 seconds

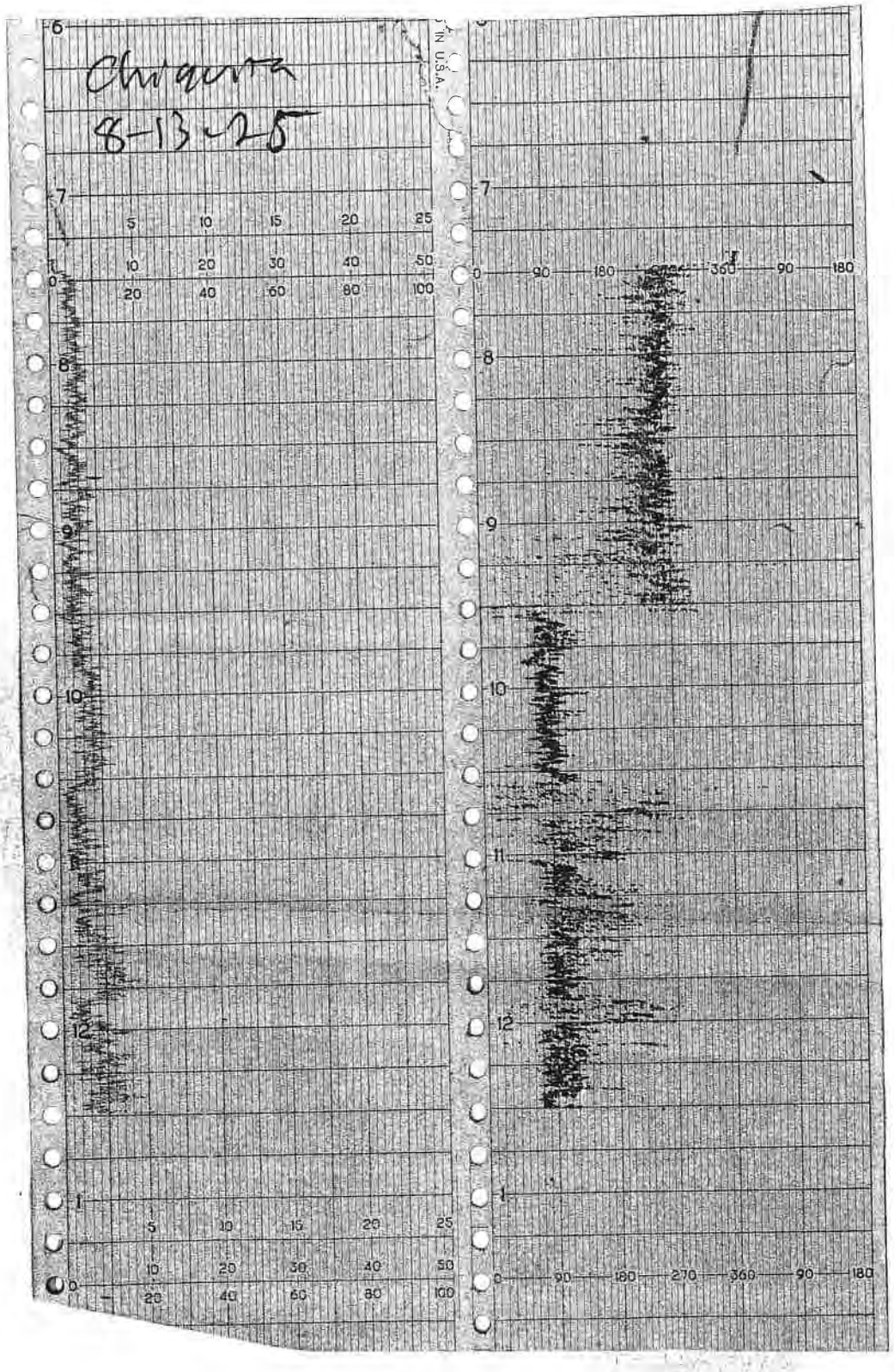
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24 ppm	1
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.1 ppm	.9
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.3% #DIV/0! Must be less than 10%

Performed By: D Hernandez Date/Time: 8/13/25 1000

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Myles Jameson, Stephen Cameron, Gerard Garcia, Joshua Wesson, Erhik Ramirez, Stephen Borchers, Armando Rivera

Cal. Gas Exp. Date: 2-2029

Date: 8-7-25 Instrument Used: ISS Pacific (1-7) Grid Spacing: 25

Temperature: 97° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
195	NJ	0740	0805	5.4	333	3	4	12	Steep veg
96	NJ	0805	0830	5.8		2	4	12	steep slope
99	NJ	0830	0855	9.1		2	4	12	
216	NJ	0855	0920	7.5		3	5	12	Steep, mulch base
217	NJ	0920	0945	6.7		1	3	12	
198	SC	0745	0810	7.56		3	5	12	
196	SC	0810	0835	7.48		2	4	12	
162	SC	0835	0900	5.77		2	4	14	
88	SC	0900	0925	6.29		3	5	12	
194	SC	0925	0950	6.38		3	5	13	
212	GG	0730	0755	6.00		3	4	11	
211	GG	0755	0820	4.32		3	5	11	
210	GG	0820	0845	5.76		2	3	14	Steep drop off
208	GG	0845	0910	10.71		3	4	12	
207	GG	0910	0935	4.17		3	4	13	steep drop off
202	JW	0740	0805	2.30		3	4	12	
205	JW	0805	0830	4.65		2	4	12	
206	JW	0830	0855	5.20		2	4	12	
203	JW	0855	0920	4.65		3	5	12	
204	JW	0920	0945	7.26		1	3	12	
80	ER	075	0815	16.75		3	5	12	MTN
83	ER	0820	0845	36.29		2	3	14	
166	ER	0850	0915	37.16		3	4	12	
167	ER	0915	0940	9.91		3	4	13	
161	SB	0852	0917	24.28		3	4	13	
197	AR	0743	0808	5.39		3	4	12	
199	AR	0808	0833	4.45		2	4	12	
213	AR	0833	0855	3.56		2	4	12	
214	AR	0855	0920	5.44		3	5	12	
215	AR	0920	0945	4.35		1	3	12	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 5 SERIAL #: 4919480

MONITORING DATE: 8-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.32 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.9 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.3 ppm	.7
#2	0.3 ppm	24.9 ppm	.1
#3	0.5 ppm	25 ppm	0
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.0% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 8-7-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 46 SERIAL #: 7783434

MONITORING DATE: 8-7-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.13 ppm	7.45 ppm	6.79 ppm

Background Value = 6.79 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.0 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

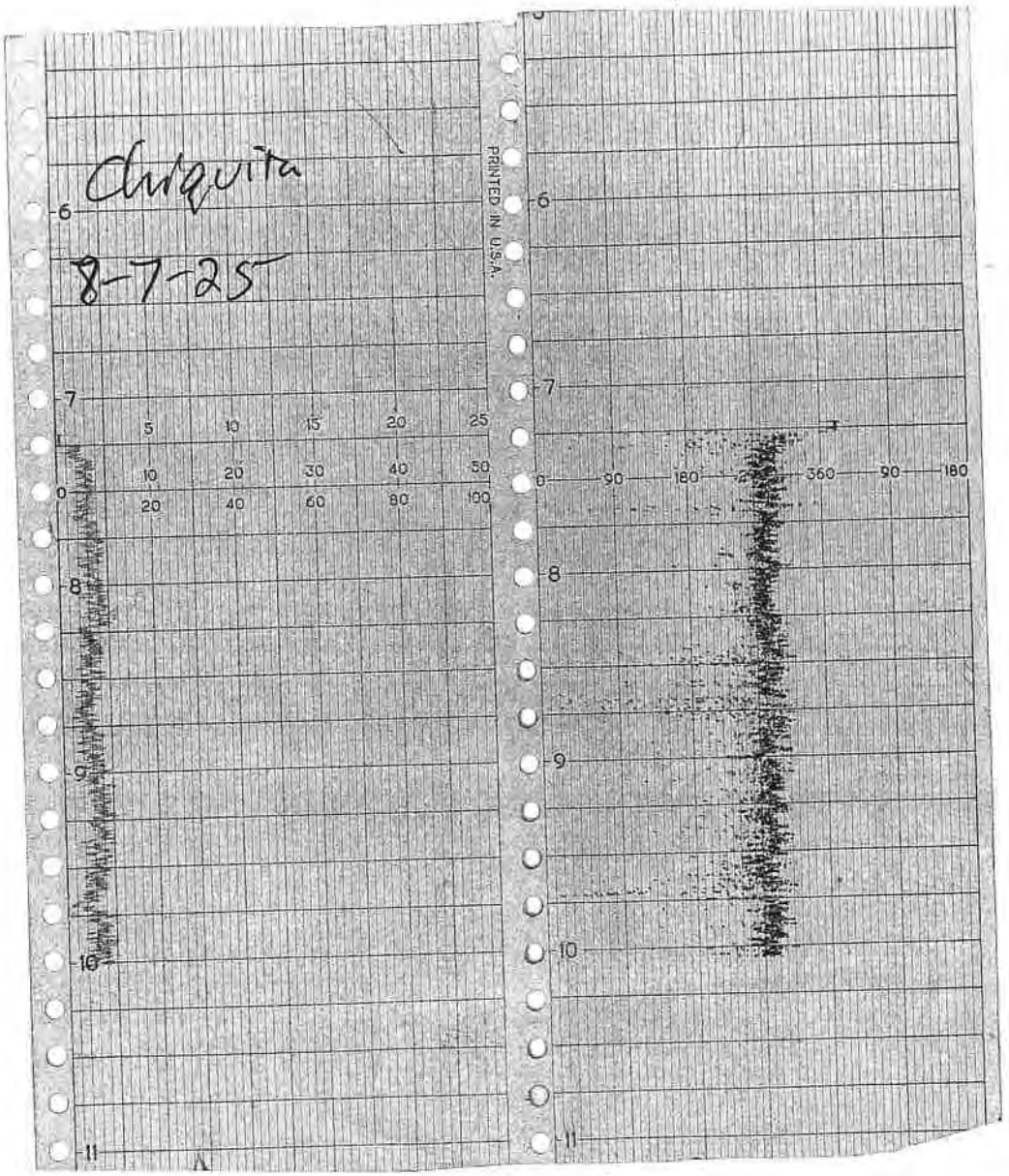
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.0 ppm	24.0 ppm	1
#2	1.0 ppm	24.5 ppm	.5
#3	0.3 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 8-7-25 / 0720

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR/2025		3nd Quarter 2025								
Technician:	Stephen Borchers		D Hernandez								
Instrument:	TVA 1000		TVA 1000								
Calibration Standard:	25 ppm		500 ppm								
Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days				
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	
83	36.29	8-7-25		8/13/25	13.3						
166	37.16	↓		↓	19.1						

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 44 SERIAL #: 17193090

MONITORING DATE: 8/13/25 TIME: 1000

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.31 ppm	5.88 ppm

Background Value = 5.8 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.1 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

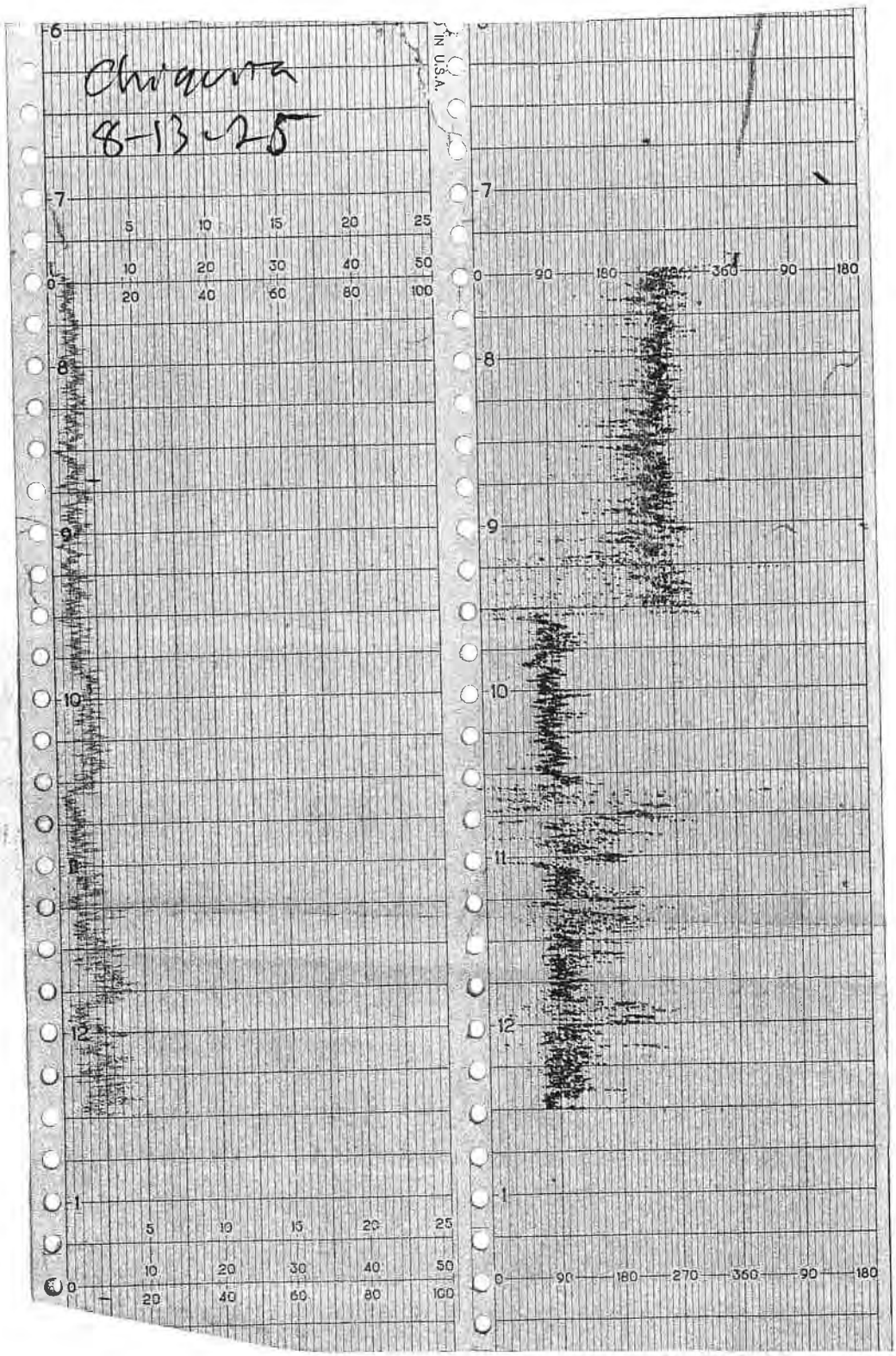
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24 ppm	1
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.1 ppm	.9
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.3% #DIV/0! Must be less than 10%

Performed By: D Hernandez Date/Time: 8/13/25 1000

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Borchard, Joshua Wilson, Gerard Garcia, Stephen Carriedo, Ernest Ramirez, Myles Jamerson, Armando Rivera

Cal. Gas Exp. Date: 2-2029

Date: 8-19-25 Instrument Used: ISS Pack (1-7) Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
190	SC	0910	0935	5.67	333	3	5	12	Trash, Fence Mesh
191	SC	0845	0910	5.97		1	3	12	Tarped in the
192	SC	0820	0845	6.10		3	4	12	↓
193	SC	0755	0820	6.61		2	4	12	
186	SC	0730	0755	5.58		2	4	12	↓
181	ER	0910	0935	6.91		2	4	12	
200	ER	0845	0910	6.19		1	3	12	to steep
201	ER	0820	0845	6.22		3	4	12	↓
175	ER	0755	0820	6.21		2	4	12	
176	ER	0730	0755	6.57		1	2	12	to steep
184	AR	0738	0803	5.60		2	4	11	
185	AR	0803	0828	7.11		2	4	12	
178	AR	0828	0853	7.45		3	5	12	
179	AR	0853	0918	12.37		3	5	12	
180	AR	0918	0943	12.36		3	5	12	
177	JW	0740	0806	12.40		2	4	11	
156	JW	0806	0831	13.56		2	4	12	
157	JW	0831	0856	11.25		3	5	12	
150	JW	0856	0921	12.47		3	5	12	
145	JW	0921	0946	11.30		3	5	12	
146	GG	0800	0825	6.50		2	4	12	
147	GG	0825	0850	6.07		3	5	12	
152	GG	0850	0915	6.49		3	5	12	
157	GG	0915	0940	6.04		3	5	12	
172	GG	0940	1005	5.75		1	5	12	
187	NJ	0730	0755	12.40		2	4	12	White tarp
188	NJ	0755	0820	11.7		2	4	12	↓
189	NJ	0820	0845	11.9		3	4	12	
182	NJ	0845	0910	12.60		1	3	12	
183	NJ	0910	0935	13.40	↓	3	5	12	↓

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Burchers, Joshua Wilson, Gerard Garcia, Stephen Carreno, Ernest Ramirez, Myles Thomson, Armando Rivera

Cal. Gas Exp. Date: 2-2024

Date: 8-19-25 Instrument Used: TVA Pack (1-7) Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
166	AR	1025	1050	8.12	333	3	5	10	
167	AR	1050	1115	7.06		3	6	5	
168	AR	1115	1140	7.17		5	7	6	
165	AR	1140	1205	17.06		1	3	4	
160	AR	1205	1230	16.51		5	7	5	
76	SC	1010	1035	6.47		2	5	12	
77	SC	1035	1100	8.17		2	3	12	
78	SC	1100	1125	5.85		4	7	4	
79	SC	1125	1150	6.76		4	6	4	
80	SC	1150	1215	11.98		4	6	5	
83	GG	0955	1020	7.89		1	2	10	
155	GG	1020	1045	16.34		3	5	12	
90	GG	1045	1110	10.56		5	7	6	
89	GG	1110	1135	9.78		4	5	5	
161	GG	1135	1200	9.71		1	3	4	
66	ER	1000	1025	6.61		1	2	10	
53	ER	1025	1050	7.07		3	5	12	
149	ER	1050	1115	8.71		3	6	5	
153	ER	1115	1140	8.31		5	7	6	
158	ER	1140	1205	9.11		1	3	4	
171	JW	1000	1025	16.48		1	2	10	
170	JW	1025	1050	12.60		3	5	12	
173	JW	1050	1115	11.32		3	6	5	
174	JW	1115	1140	10.50		5	7	6	
169	JW	1140	1205	9.50		1	3	4	
81	NJ	1010	1035	14.5		2	5	12	
82	NJ	1035	1100	20.1		2	3	12	
149	NJ	1100	1125	21.30		4	7	4	
154	NJ	1125	1150	18.5		4	6	4	
159	NJ	1150	1215	15.9		4	6	5	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 43 SERIAL #: 15865062

MONITORING DATE: 8-19-25 TIME: 0725

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	7.82 ppm	7.28 ppm

Background Value = 7.28 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.6 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.3 ppm	.7
#2	0.1 ppm	24.6 ppm	.4
#3	0.3 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.46% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 8-19-25 / 0725

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 32 SERIAL #: 0928538423

MONITORING DATE: 8-19-25 TIME: 0725

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.9 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.32 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.7 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

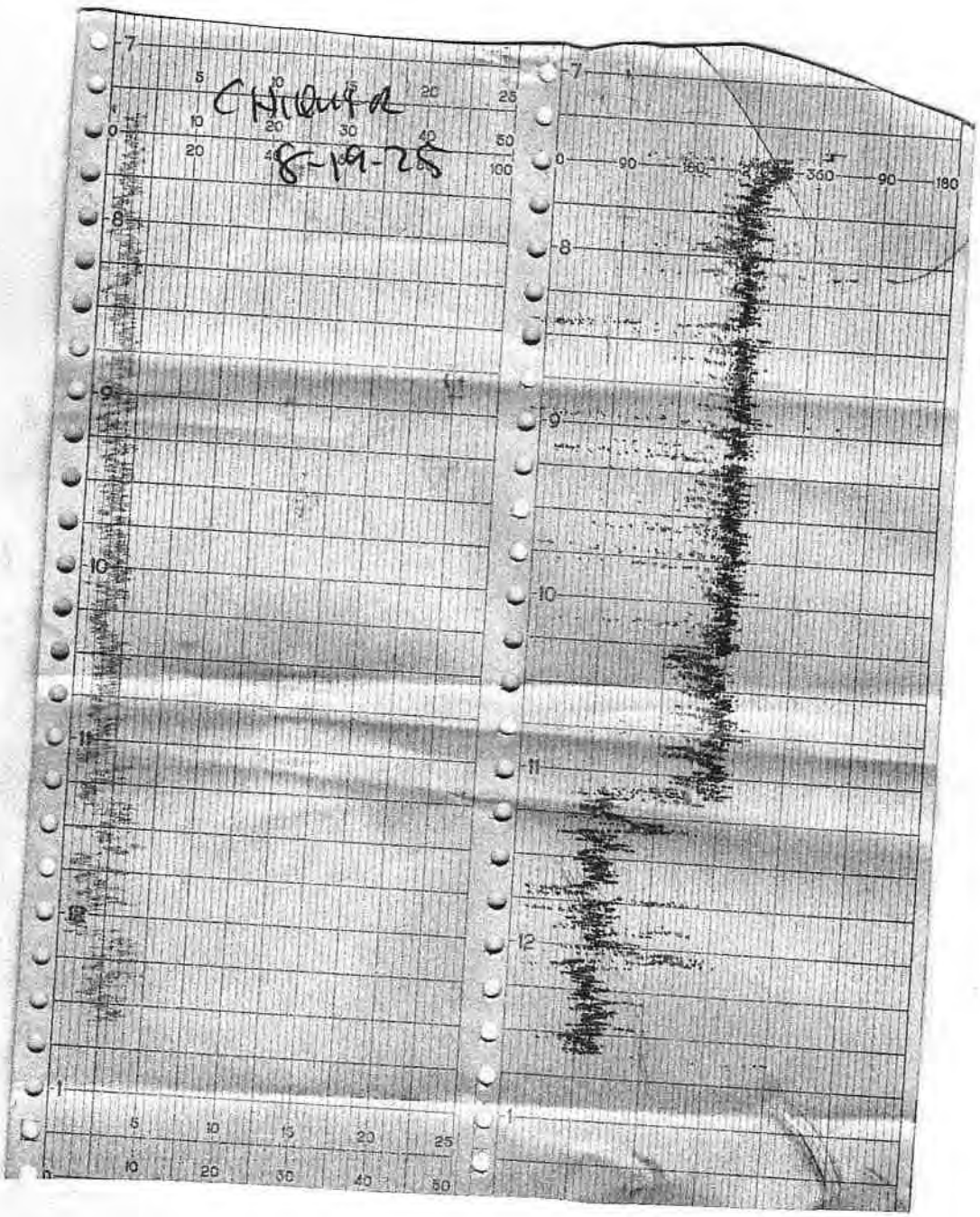
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	24.3 ppm	.7
#2	0.5 ppm	24.7 ppm	.3
#3	0.1 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.46% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 8-19-25 / 0725

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Joshua Wesson, Gerardo Garcia, Stephen Borchert, Armando Rivera, Stephen Camerena, Ernest Rivera

Cal. Gas Exp. Date: 2-2029

Date: 8-20-25 Instrument Used: ICS Probe (1-6) Grid Spacing: 25

Temperature: 79° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
207	JW	0740	0805	15.17	333	2	4	12	Slope
208	JW	0805	0830	19.30	↓	2	4	12	↓
209	JW	0830	0855	17.56		2	5	12	
210	JW	0855	0920	14.20		2	3	12	
211	JW	0920	0945	10.32		2	4	12	
202	GG	0745	0810	10.01		1	3	12	
205	GG	0810	0835	8.35		2	4	12	Steep ravine / Drop off
206	GG	0835	0900	13.92		2	4	12	↓ cover damaged
203	GG	0900	0925	8.93		2	3	12	
204	GG	0925	0950	23.20		2	5	12	
198	SB	0815	0840	17.19		2	3	12	Pipe stick pole
212	SB	0840	0905	17.64		1	3	12	Slope / mulch
215	SB	0915	0940	158.69		1	3	12	slope/channel/litter
197	AR	0800	0825	12.00		1	3	12	
199	AR	0825	0850	13.70		2	5	12	
217	AR	0850	0915	12.95		2	3	12	
213	AR	0915	0940	6.26		2	4	12	
214	AR	0940	1005	29.01		2	4	13	
164	SC	0920	0945	11.12		2	4	12	
163	SC	0855	0920	9.26		2	3	12	
196	SC	0830	0855	8.08		2	5	12	
162	SC	0805	0830	7.00		2	4	12	
88	SC	0740	0805	35.91		2	4	12	
195	ER	0745	0810	5.81		1	3	12	
194	ER	0810	0835	6.47		2	4	12	To steep
96	ER	0835	0900	5.16		2	4	12	↓
99	ER	0900	0925	5.13		2	3	12	
216	ER	0925	0950	5.11	↓	2	5	12	↓

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 42 SERIAL #: 1586 5062

MONITORING DATE: 9-20-25 TIME: 0735

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	8.13 ppm	7.44 ppm

Background Value = 7.44 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.5 ppm	20 ppm	7
#2	25 ppm	20 ppm	8
#3	24. ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.5 ppm	.5
#2	0.3 ppm	25 ppm	0
#3	0.1 ppm	24 ppm	1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-20-25 / 0735

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 9 SERIAL #: 053213801

MONITORING DATE: 8-20-25 TIME: 0735

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.7 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.31 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.7 ppm	20 ppm	8
#3	24.4 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

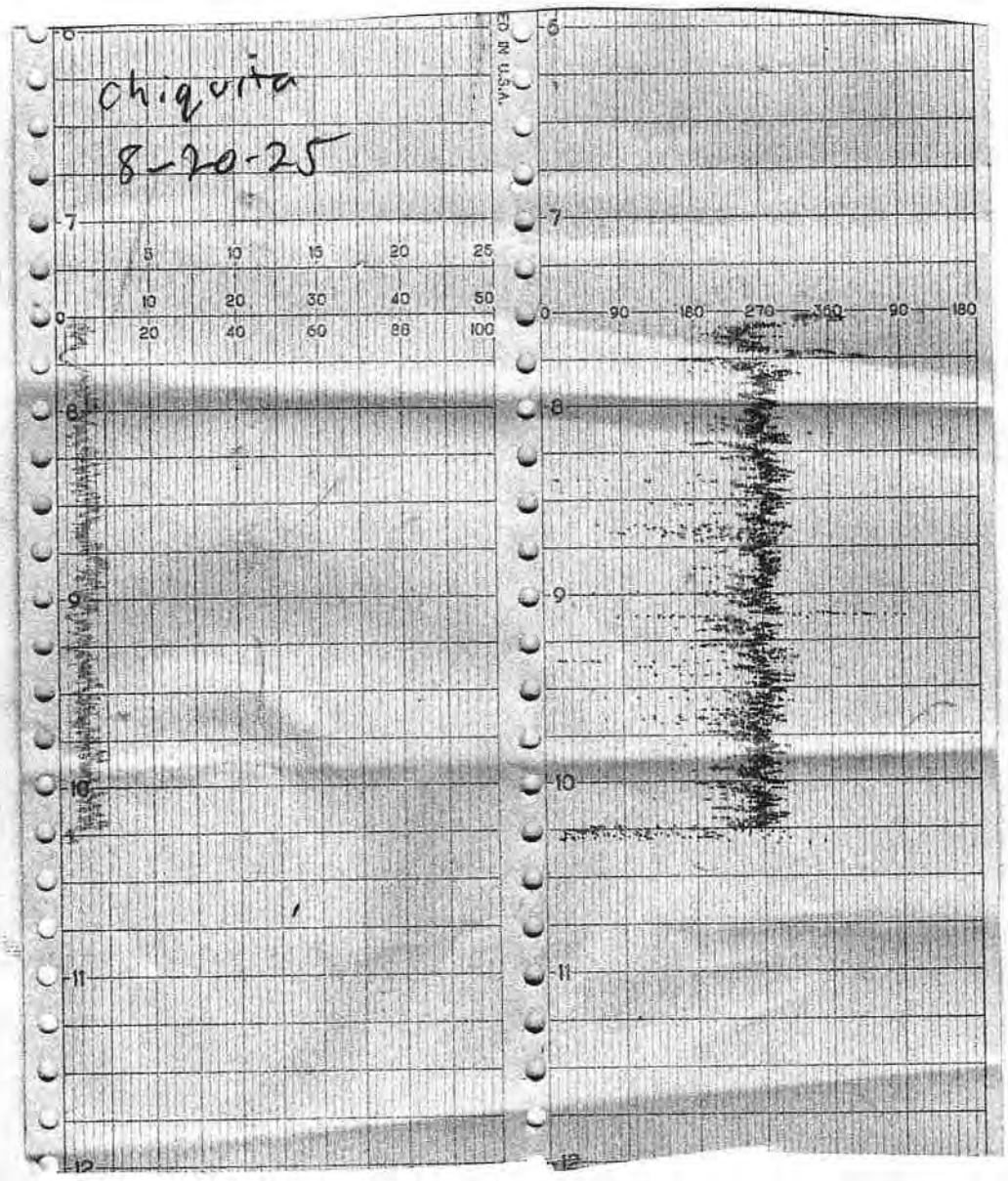
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.3 ppm	.7
#2	0.3 ppm	24.7 ppm	.3
#3	0.5 ppm	24.4 ppm	.6
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2.13% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 8-20-25 / 0735

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR / 2025		3rd Quarter 2025								
Technician:	Stephen Borchert		D Hernandez								
Instrument:	TVA1000		TVA 1000								
Calibration Standard:	25ppm		25 PPM								
Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days				
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd <25 ppm	Excd >25 ppm	
215	58.69	8-20-25	0946 - 1011	8/27/25	22.4						
214	29.01	↓	0921 - 0946	↓	15.7						
88	35.91	↓	0850 - 0915	↓	17.3						

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: ThermO

MODEL: TVA 1000 EQUIPMENT #: 34 SERIAL #: 132459358

MONITORING DATE: 8/27/25 TIME: 0850

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.31 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.1 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

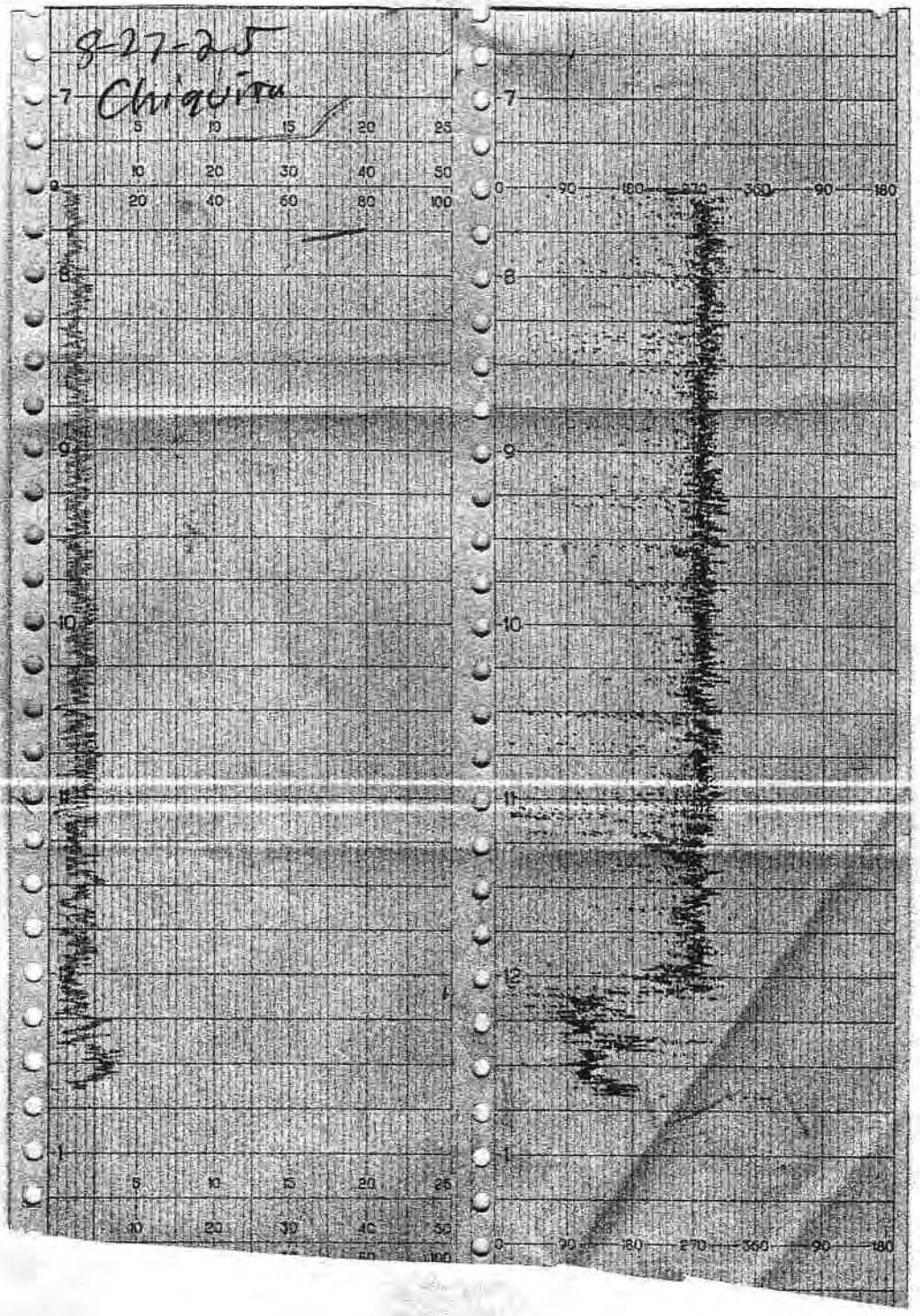
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24 ppm	1
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.1 ppm	.9
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.3% #DIV/0! Must be less than 10%

Performed By: D Hernandez Date/Time: 8/27/25 0850

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Myles Jamerson, Gerard Garcia, Ernest Ramirez, Amado Rivera, Joshua Vesson, Stephen Borchers

Cal. Gas Exp. Date: 2-2029

Date: 8-25-25 Instrument Used: ISS Packs 1-6 Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
184	NJ	0745	0810	8.7	333	2	4	11	White Tarp
185	NJ	0810	0835	7.1		1	3	12	
178	NJ	0835	0900	9.3		2	3	10	
179	NJ	0900	0925	6.7		1	3	12	
180	NJ	0925	0950	5.4		2	4	12	
172	NJ	1010	1035	7.2		2	3	12	White tarp
173	NJ	1035	1100	4.5		1	2	12	
174	NJ	1100	1125	8.3		4	6	4	Tarp
169	NJ	1125	1150	5.1		4	8	5	
170	NJ	1150	1215	4.6		4	6	4	
181	GG	0800	0825	6.27		2	3	12	Steep Drop off
200	GG	0825	0850	5.97		2	4	12	Cement Dust/Trash
201	GG	0850	0915	6.43		2	4	10	Steep Drop off
175	GG	0915	0940	7.15		2	3	13	
176	GG	0940	1005	7.53		2	2	12	
171	GG	1005	1030	7.68		1	3	11	
158	GG	1030	1055	8.42		2	3	10	Active/Heavy equip
153	GG	1055	1120	8.15		4	6	4	
154	GG	1145	1210	11.40		4	10	5	
149	GG	1210	1235	8.77		4	6	5	Tractors/Active
190	ER	0925	0950	5.49		2	4	12	to Steep
191	ER	0900	0925	5.34		1	3	12	
192	ER	0835	0900	6.07		2	3	10	To Steep
193	ER	0810	0835	5.18		1	3	12	
186	ER	0745	0810	5.21		2	4	11	
83	ER	1015	1040	8.16		3	4	9	
155	ER	1040	1105	9.11		1	3	4	
159	ER	1105	1130	12.31		4	6	4	
166	ER	1130	1155	8.12		4	6	5	
167	ER	1155	1220	7.12	✓	3	7	5	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Nyles Janssen, Armando Rivas, Gerard Garcia, Joshua Wesson, Ernest Ramirez, Stephen Borchers

Cal. Gas Exp. Date: 2-2024

Date: 8-25-25 Instrument Used: ISS Parks (1-6) Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
187	AR	0756	0821	5.73	333	2	3	12	
188	AR	0821	0846	5.17		2	4	12	
184	AR	0846	0911	6.67		2	3	12	
182	AR	0911	0936	6.32		1	3	13	
183	AR	0936	1001	6.80		2	4	12	
160	AR	1001	1026	5.51		1	3	11	
90	AR	1026	1051	8.80		2	3	10	
89	AR	1051	1116	6.22		3	4	4	
161	AR	1116	1141	8.79		4	7	5	
163	AR	1141	1206	6.60		4	10	5	
177	JW	0740	0805	7.20		3	4	12	
156	JW	0805	0830	6.18		2	3	12	
151	JW	0830	0855	5.21		2	3	12	
152	JW	0855	0920	7.43		1	3	12	
157	JW	0920	0945	5.30		2	3	13	
145	JW	10.00	10.25	5.30		1	3	11	
77	JW	10.25	10.50	6.35		2	3	10	
78	JW	10.50	1115	8.40		2	3	4	
79	JW	1115	1140	4.67		4	6	4	
80	JW	1140	1205	5.70		4	10	5	
146	SB	1112	1137	6.42		4	7	5	
76	SB	0830	0855	6.93		2	3	12	
147	SB	0855	0920	7.41		1	3	12	
66	SB	0920	0945	8.23		2	3	13	Pipe Pile
53	SB	1015	1040	10.73		3	4	6	
148	SB	1040	1105	11.02	↓	1	2	12	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 43 SERIAL #: 15865062

MONITORING DATE: 8-25-25 TIME: 0735

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.54 ppm	5.65 ppm	5.55 ppm

Background Value = 5.55 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	25 ppm	20 ppm	8
#2	24.3 ppm	20 ppm	7
#3	24.1 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	25 ppm	0
#2	0.5 ppm	24.3 ppm	.7
#3	0.1 ppm	24.1 ppm	.9
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2.13% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 8-25-25 / 0735

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 32 SERIAL #: 0928538423

MONITORING DATE: 8-25-25 TIME: 0735

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.16 ppm	6.32 ppm	5.74 ppm

Background Value = 5.74 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.0 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

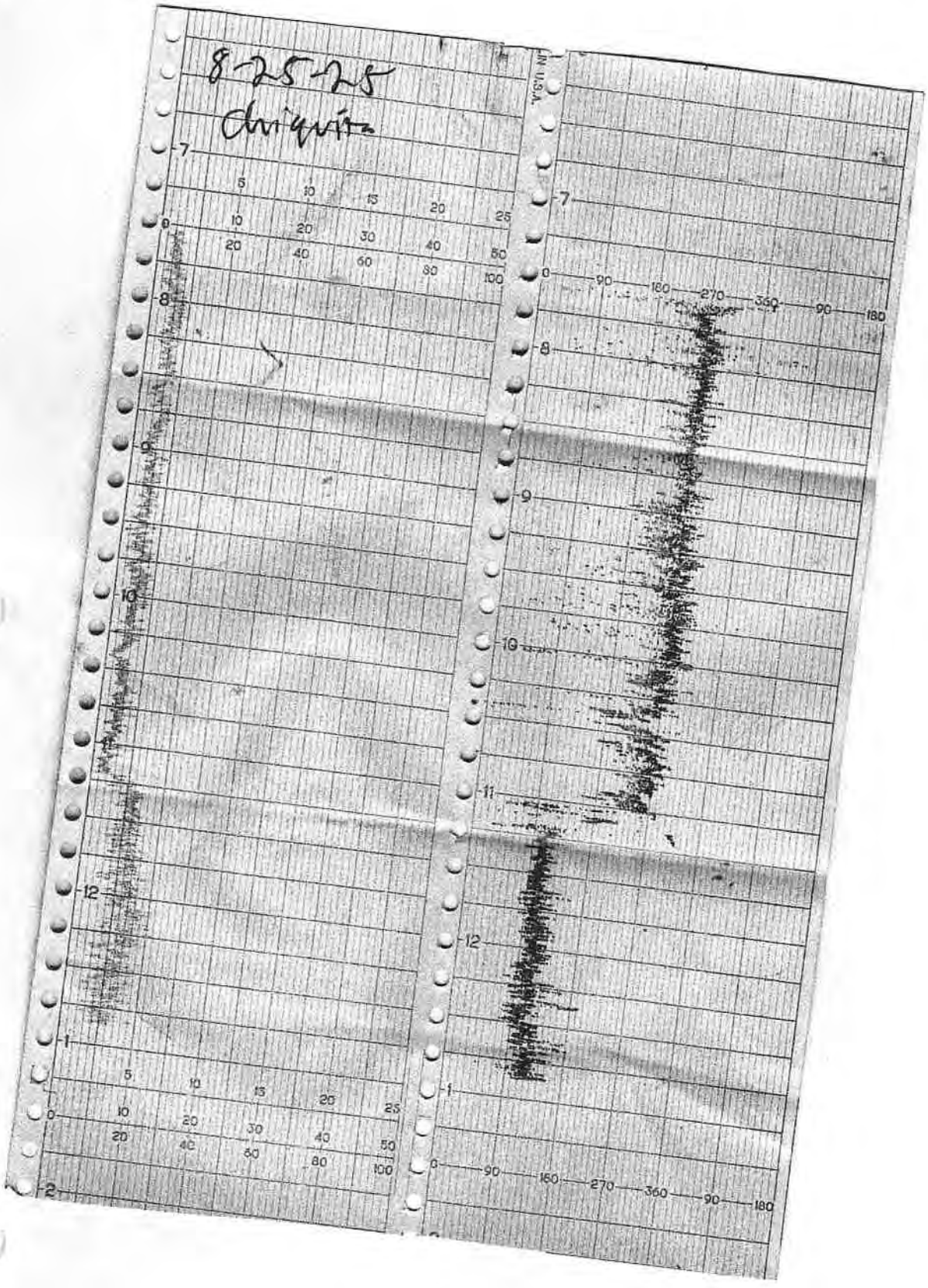
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.0 ppm	24.0
#2	0.3 ppm	24.5 ppm	24.5
#3	0.0 ppm	25 ppm	25
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Borders Date/Time: 8-25-25 / 0735

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Joshua Wesson, Ernest Ramirez, Nyles Jamerson, Armando Rivera, Erick Gomez, Stephen Borches

Cal. Gas Exp. Date: 2-2026

Date: 8-26-25 Instrument Used: ESS Rocket (1-7) Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
205	GG	0800	0825	4.50	733	3	5	14	steep drop off/cliff
206	GG	0825	0850	5.67		1	3	16	
207	GG	0850	0915	4.63		1	3	16	
208	GG	0915	0940	6.95		2	4	16	
210	GG	0940	1005	5.61		2	4	16	
245	GG	1005	1030	2.73		3	5	12	Metal containers
246	GG	1070	1055	3.84		2	5	14	
247	GG	1055	1120	2.96		2	3	12	
248	GG	1120	1145	1.97		2	7	12	
249	GG	1145	1210	3.60		2	5	10	
202	JW	0740	0805	5.05		1	3	12	slope
203	JW	0805	0830	8.30		2	5	14	
204	JW	0830	0855	5.40		1	3	16	
168	JW	0855	0920	6.20		1	3	16	
209	JW	0920	0945	4.45		2	4	16	
244	JW	1000	1025	5.60		3	5	12	
243	JW	1025	1050	4.20		2	5	14	
242	JW	1050	1115	5.70		2	4	12	
241	JW	1115	1140	4.20		2	3	14	
240	JW	1140	12.05	6.41		2	5	10	
99	ER	0800	0825	8.17		3	5	14	
216	ER	0825	0850	8.21		1	3	16	to steep
217	ER	0850	0915	7.16		1	3	16	
218	ER	0915	0940	8.29		2	4	16	
219	ER	0940	1005	9.16		2	4	16	
228	ER	1020	1045	12.11		2	5	14	to steep
229	ER	1045	1110	13.23		2	5	14	
230	ER	1110	1135	12.41		2	4	16	
231	ER	1135	1200	11.31		2	5	10	
232	ER	1200	1225	12.29		2	4	2	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Joshua Wesson, Ernest Ramirez, Nyles Jameson, Armando Rivera, Erick Gomez, Stephen Borches

Cal. Gas Exp. Date: 2-2026

Date: 8-26-25 Instrument Used: TSI Packet (1-7) Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
164	NJ	0735	0800	7.2	333	3	5	12	Steep
198	NJ	0800	0825	8.3		2	5	14	
196	NJ	0825	0850	6.1		1	3	16	
162	NJ	0850	0915	8.6		4	6	16	
88	NJ	0915	0940	7.4		2	4	16	
223	NJ	1005	1070	12.7		3	5	12	Steep
222	NJ	1070	1055	14.2		2	5	14	Steep/Manhole
221	NJ	1055	1120	11.5		2	3	12	
102	NJ	1120	1145	12.3		2	7	12	
100	NJ	1145	1210	13.1		2	5	10	
212	AR	0747	0812	7.25		1	3	14	
213	AR	0812	0837	7.55		3	5	14	
214	AR	0837	0902	8.87		2	5	15	
241	AR	0902	0928	7.53		3	5	14	
215	AR	0928	0953	8.60		2	5	16	
233	AR	1026	1051	9.26		2	5	14	
103	AR	1051	1116	16.27		2	3	12	
101	AR	1116	1131	17.07		2	4	16	
98	AR	1131	1156	14.46		2	5	10	
104	AR	1156	1221	19.23		2	4	2	
199	EG	0746	0811	8.2		2	4	12	
197	EG	0811	0836	33.6		3	5	14	
195	EG	0836	0901	7.1		2	5	15	Slope/pipes
194	EG	0901	0926	10.3		3	5	14	Slope
96	EG	0926	0951	7.8		2	5	16	slope
220	EG	1020	1045	16.2		2	5	14	Slope/pipe
227	EG	1045	1110	11.7		2	5	14	Slope
226	EG	1110	1135	12.3		2	4	16	
225	EG	1135	1200	8.9		2	5	10	Slope
224	EG	1200	1225	7.9		2	4	2	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Joshua Wesson, Ernest Ramirez, Myles Jamerson, Armando Rivera, Erik Gomez, Stephen Borchers

Cal. Gas Exp. Date: 9-2024

Date: 8-26-25 Instrument Used: TGS Pack (1-7) Grid Spacing: 25

Temperature: 74° Precip: Ø Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
150	SB	0832	0857	7.65	333	2	5	15	
81	SB	0900	0925	67.55	↓	3	5	14	
82	SB	0925	0950	50.25		2	5	16	
165	SB	1026	1051	12.80		2	5	14	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 6 SERIAL #: 0720723626

MONITORING DATE: 8-26-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.9 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.54 ppm	5.64 ppm	ppm

Background Value = _____ ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.7 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.3 ppm	.7
#2	0.2 ppm	24.7 ppm	.3
#3	0.3 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.46% #DIV/0! Must be less than 10%

Performed By: Stephen Barchers Date/Time: 8-26-25 / 0740

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 9 SERIAL #: 0532 113801

MONITORING DATE: 8-26-25 TIME: 0741

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.75 ppm	5.21 ppm	4.98 ppm

Background Value = 4.98 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	7
#2	25. ppm	20 ppm	8
#3	24.1 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

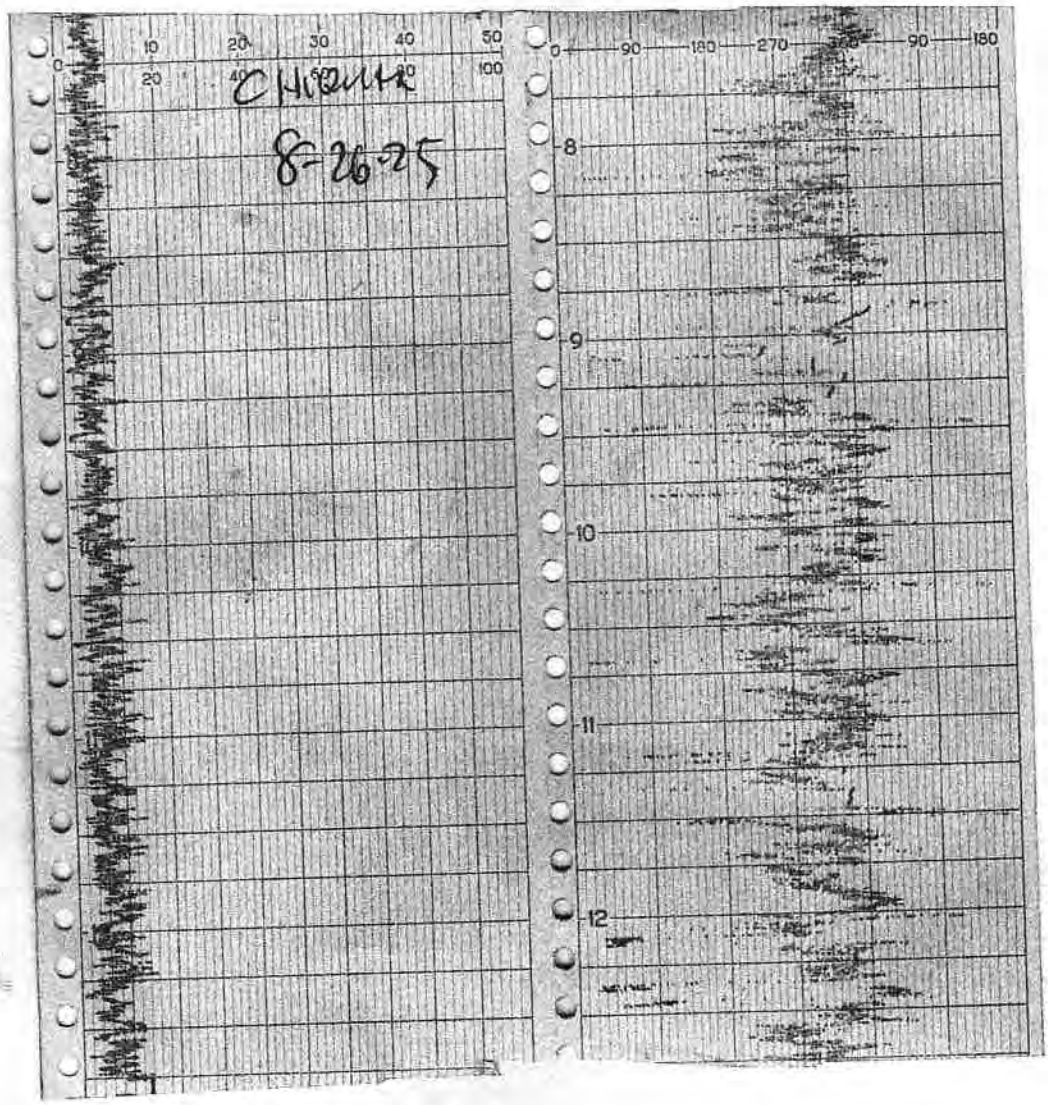
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	24.3 ppm	.7
#2	0.5 ppm	25 ppm	0
#3	0.1 ppm	24.1 ppm	.9
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2.13% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 8-26-25 / 0741

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR/2025		3rd QTR / 2025								
Technician:	Stephen Borches		Jerry Moore								
Instrument:	TVA1000		TVA-1000								
Calibration Standard:	25ppm		25 PPM								
Initial Monitoring Event			**First Re-Monitoring Event – 10 Days**				**Second Re-Monitoring Event -- 10 Days**				
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	
197	33.6	8-26-25		9-4-25	24.25						
81	67.55	↓		↓	23.25						
82	50.25	↓		↓	16.11						

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: CITIQUIN INSTRUMENT MAKE: THERMO

MODEL: TVA 1000 EQUIPMENT #: 23 SERIAL #: 1029845167

MONITORING DATE: 9-4-25 TIME: 0730

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
1.7 ppm	2.5 ppm	2.2 ppm

Background Value = 2.2 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	25 ppm	20 ppm	5
#2	26 ppm	20 ppm	5
#3	26 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			5.3 #DIV/0! Must be less than 30 seconds

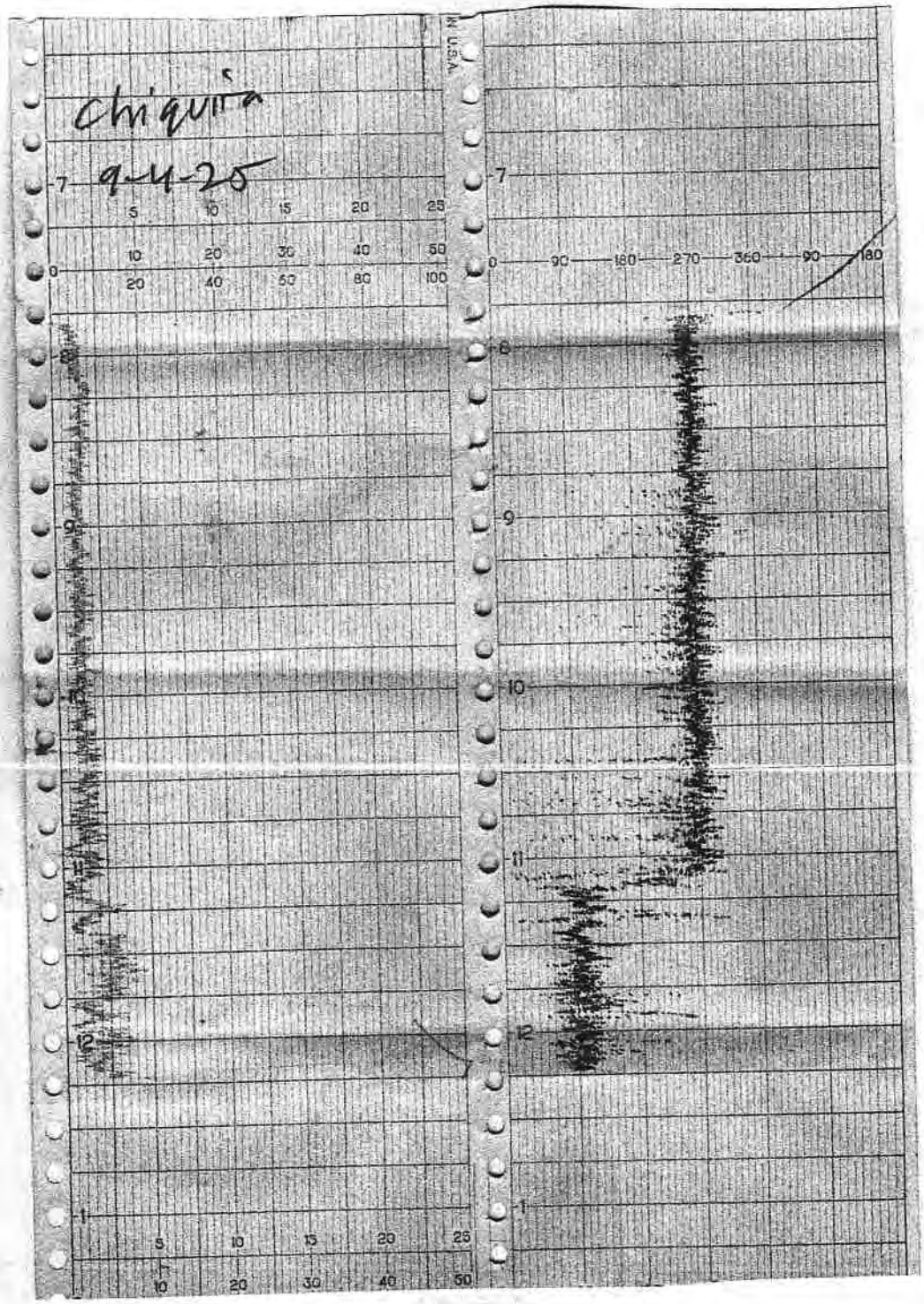
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.59 ppm	25 ppm	0
#2	0.61 ppm	26 ppm	1
#3	0.63 ppm	26 ppm	1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		0.2 #DIV/0! Must be less than 10%

Performed By: JMUNOZ Date/Time: 9-4-25 0730

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Erick Gomez, Ernie Ramirez, Joshua Wesson, Gerard Garcia, Armando Rivera, Stephen Borchers

Cal. Gas Exp. Date: 2-2029

Date: 8-27-25 Instrument Used: ISS Packs (1-6) Grid Spacing: 25

Temperature: 70° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
67	EG	0730	0755	14.7	338	2	2	13	
68	EG	0755	0820	9.9		2	3	12	
69	EG	0820	0845	7.6		2	4	12	Heavy machinery
70	EG	0845	0910	12.2		2	4	12	✓
58	EG	0910	0935	8.3		2	3	12	
84	EG	0955	1020	45.9		2	4	12	
30	EG	1020	1045	22.3		3	5	12	
33	EG	1045	1110	8.6		3	5	12	
34	EG	1110	1135	9.2		1	2	12	Heavy Machinery
38	EG	1135	1200	7.4		1	2	10	
54	ER	0730	0755	7.16		2	2	13	
55	ER	0755	0820	6.31		2	3	12	
56	ER	0820	0845	6.12		2	4	12	
57	ER	0845	0910	5.19		2	4	12	
65	ER	0910	0935	6.39		2	3	12	
85	ER	0955	1020	19.22		2	4	12	
86	ER	1020	1045	18.77		3	5	12	
31	ER	1045	1110	18.16		3	5	12	
35	ER	1110	1135	19.32		1	2	12	
49	ER	1135	1200	18.41		1	2	10	
32	JW	0740	0805	5.40		3	5	12	
36	JW	0805	0830	6.30		1	3	12	
40	JW	0830	0855	3.60		2	4	12	
44	JW	0855	0920	5.40		2	4	12	
64	JW	0920	0945	3.23		2	3	12	
51	JW	1000	1025	10.42		3	4	12	
50	JW	1025	1050	15.20		3	5	12	
92	JW	1050	1115	13.42		3	5	12	
91	JW	1115	1140	26.26		1	2	12	
93	JW	1140	1205	50.40	✓	1	2	10	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Erick Gomez, Ernie Ramirez, Joshua Wesson, Gerard Garcia, Armando Rivera, Stephen Barbieri

Cal. Gas Exp. Date: 2-2029

Date: 8-27-25 Instrument Used: TSI Packet (1-6) Grid Spacing: 25

Temperature: 70° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
59	GG	0740	0805	11.91	333	3	5	12	Equipment Area
60	GG	0805	0830	8.15	"	1	3	12	↓
61	GG	0830	0855	11.67	"	2	4	12	↓
62	GG	0855	0920	10.16	"	2	4	12	Active/Heavy Eq
63	GG	0920	0945	9.29	"	2	3	12	Equipment.
39	GG	0945	1010	11.40	"	2	5	12	
43	GG	1010	1035	10.13	"	2	4	13	
47	GG	1035	1100	10.27	"	2	4	12	
48	GG	1100	1125	14.77	"	2	3	13	Active/traffic
52	GG	1125	1150	12.79	"	3	5	12	
75	AR	0737	0802	15.10	"	3	5	12	
74	AR	0802	0827	13.72	"	1	3	12	
73	AR	0827	0852	14.88	"	2	4	12	
72	AR	0852	0917	15.91	"	2	4	12	
71	AR	0917	0942	16.22	"	2	3	12	
37	AR	0942	1007	14.71	"	2	5	12	
41	AR	1007	1032	12.60	"	2	4	13	
42	AR	1032	1057	16.17	"	2	4	12	
46	AR	1057	1122	12.25	"	2	3	13	
45	AR	1122	1147	13.85	"	3	5	12	
239	SB	0815	0840	8.50	"	2	4	12	Slope/mulch
238	SB	0840	0905	11.70	"	2	4	12	↓
94	SB	0914	0939	16.82	"	2	3	12	Tanks
95	SB	0939	1004	27.73	"	2	5	12	Mulch road/slope
97	SB	1015	1040	11.58	"	2	4	13	Slope
87	SB	1040	1105	15.58	"	2	4	12	Slope/mulch

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 8-27-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.10 ppm	6.18 ppm	5.64 ppm

Background Value = 5.64 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.0 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	ppm	24.0 ppm	1
#2	ppm	24.5 ppm	.5
#3	ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Bachus Date/Time: 8-27-25 / 0740

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 32 SERIAL #: 0928538423

MONITORING DATE: 8-27-25 TIME: 0741

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.7 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.54 ppm	5.17 ppm	4.85 ppm

Background Value = 4.85 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	24.7 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

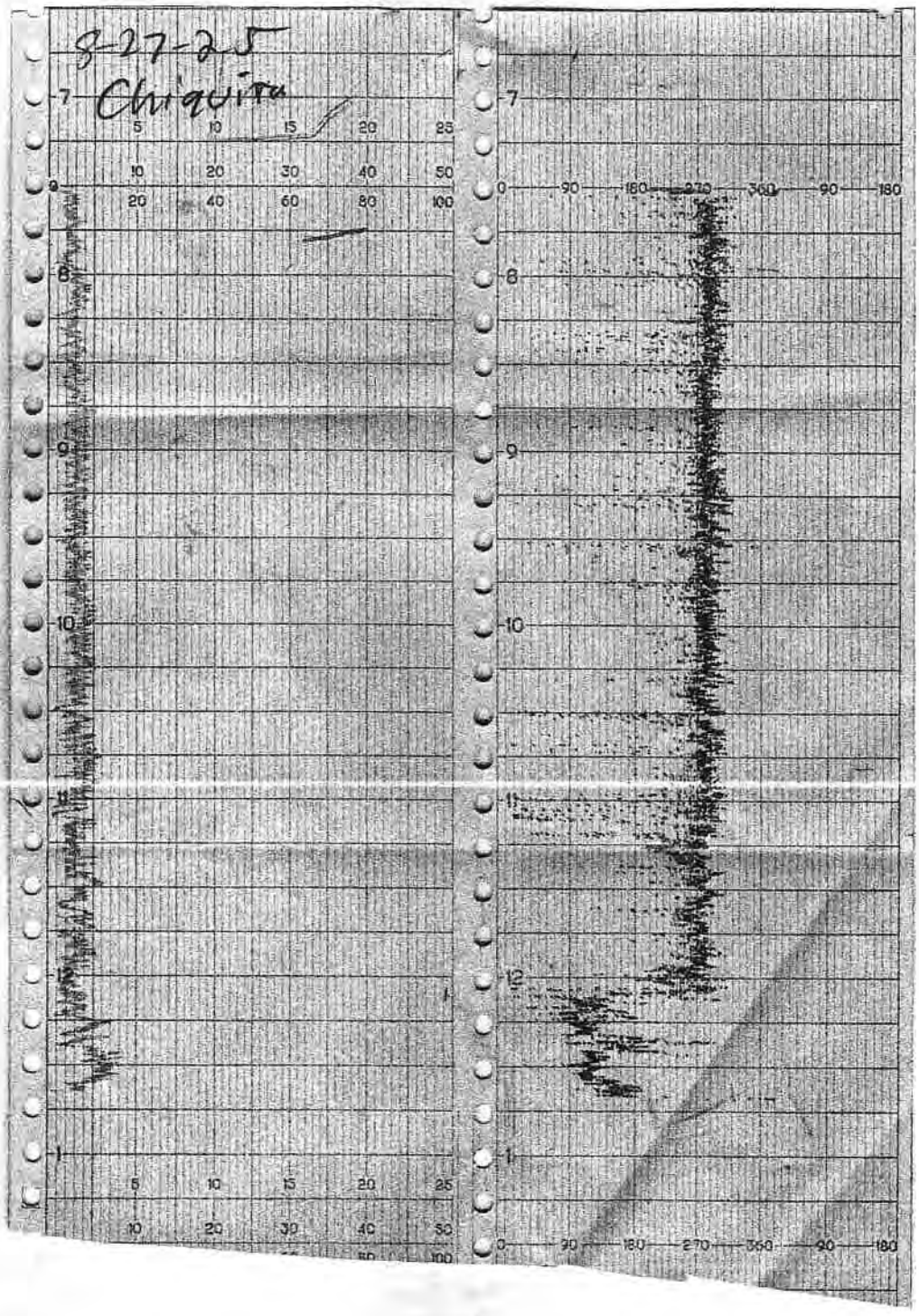
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.3 ppm	.7
#2	0.2 ppm	24.5 ppm	.5
#3	0.4 ppm	24.7 ppm	.3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 8-27-25/0741

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita

Quarter / Year:	3rd QTR / 2025		3 QTR / 2025								
Technician:	Stephen Barkus		Jerry Munoz								
Instrument:	TVA1000		TVA-1000								
Calibration Standard:	25 ppm		25 PPM								
Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days				
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	
84	45.9	8-27-25		9-4-25	17.20						
91	26.26	↓		↓	9.03						
93	50.40				12.30						
95	27.73	↓		↓	11.30						

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: CHIQUITA INSTRUMENT MAKE: THERMO

MODEL: TVA 1000 EQUIPMENT #: 23 SERIAL #: 1029845167

MONITORING DATE: 9-4-25 TIME: 0730

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
1.7 ppm	2.8 ppm	2.2 ppm

Background Value = 2.2 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	25 ppm	20 ppm	5
#2	26 ppm	20 ppm	5
#3	26 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			5.3 #DIV/0! Must be less than 30 seconds

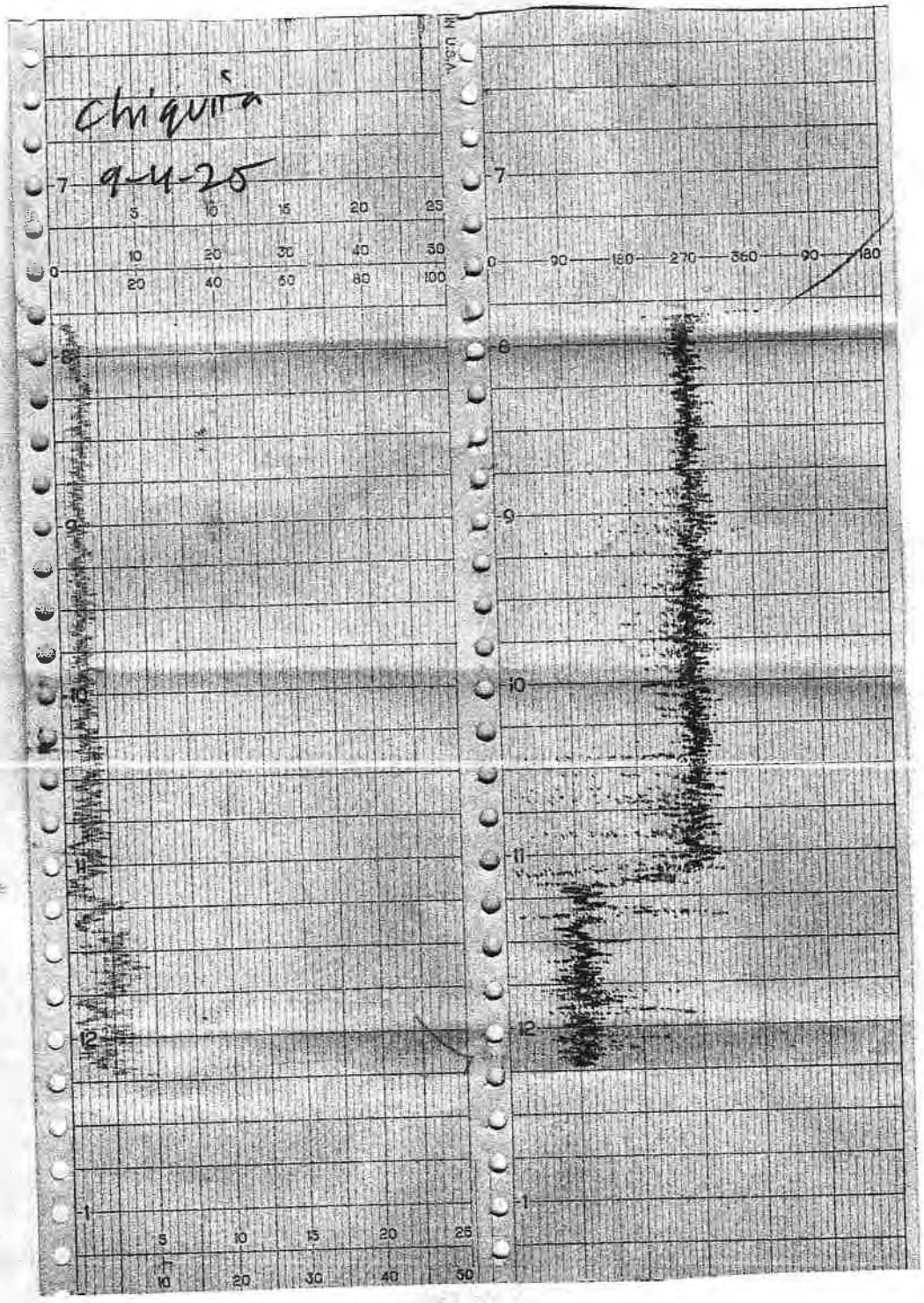
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.59 ppm	25 ppm	0
#2	0.61 ppm	26 ppm	1
#3	0.63 ppm	26 ppm	1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		0.2 #DIV/0! Must be less than 10%

Performed By: JMUNOZ Date/Time: 9-4-25 0730

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Borchers, Ivan Mena, Gerard Garcia, Armando Rivera, Ernest Ramirez, Kristopher Bey, Erick Gomez, Joshua Wesson Cal. Gas Exp. Date: 2-2028

Date: 8-28-25 Instrument Used: ISS Path(1-8) Grid Spacing: 25

Temperature: _____ Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
107	KB	0745	0810	5.25	333	0	1	4	Brush
28A	KB	0810	0835	5.71		2	3	12	
106	KB	0835	0900	5.40		3	5	13	Brush
105	KB	0900	0925	5.06		3	5	13	↓
29	KB	0925	0950	5.01		2	3	12	Partial Brush
27	KB	0950	1015	5.88		1	2	12	
26	KB	1015	1040	5.67		2	3	12	Partial Brush
25	KB	1040	1105	5.02		2	4	12	
24	KB	1105	1130	5.94		4	5	12	
23	ER	0745	0810	6.37		0	1	4	
22	ER	0810	0835	9.41		2	3	12	
21	ER	0835	0900	10.23		3	5	13	
17	ER	0900	0925	7.17		3	5	13	
18	ER	0925	0950	6.31		2	3	12	
19	ER	0950	1015	5.96		1	2	12	High Brush
16	ER	1015	1040	5.76		2	4	12	↓
20	ER	1040	1105	5.17		2	4	12	
15	ER	1105	1130	6.89		4	5	12	
14	JW	0740	0805	5.30		0	1	4	
11	JW	0805	0830	10.12		2	3	12	
12	JW	0830	0855	6.62		3	5	13	
13	JW	0855	0920	7.30		3	5	13	
144	JW	0920	0945	8.20		2	3	12	
143	JW	0945	1010	4.20		4	6	12	
113	JW	1010	1035	6.45		2	3	12	
112	JW	1035	1100	5.70		2	4	12	
114	JW	1100	1125	8.20		4	5	12	
115	GG	0750	0815	9.57		0	1	4	Very Heavy Brush
122	GG	0815	0840	7.90		2	3	12	↓
121	GG	0840	0905	7.86	↓	3	5	13	↓

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Borchers, Juan Mena, Gerard Garcia, Armando Rivera, Ernest Ramirez, Kristopher Bey, Erick Gomez, Joshua Wesson

Cal. Gas Exp. Date: 2-2028

Date: 8-28-25 Instrument Used: ISS Pack (1-8) Grid Spacing: 25

Temperature: _____ Precip: Ø Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
120	GG	0905	0930	9.26	333	1	3	12	very Heavy Brush
119	GG	0930	0955	7.30		1	3	12	
118	GG	0955	1020	5.76		3	5	10	
3	GG	1020	1045	7.50		2	4	12	
111	GG	1045	1110	5.45		3	5	12	
8	GG	1110	1135	6.72		4	5	12	
109	JM	0808	0833	8.81		2	3	12	
108	JM	0833	0858	6.47		3	5	13	
110	JM	0900	0925	6.15		1	3	12	
1	JM	0925	0945	5.77		2	3	12	
2	JM	0945	1010	7.20		4	6	12	
117	JM	1010	1035	9.20		2	3	12	
116	JM	1035	1100	6.93		2	4	12	
123	JM	1100	1125	7.77		4	5	12	
124	JM	1125	1150	8.38		1	3	12	
125	EG	0750	0815	7.3		0	1	4	veg not walkable
126	EG	0815	0840	5.5		2	3	12	
127	EG	0840	0905	6.2		3	5	13	
128	EG	0905	0930	4.8		1	3	12	
129	EG	0930	0955	4.4		1	3	12	
136	EG	1010	1035	4.8		2	3	12	veg /slope
135	EG	1035	1100	4.6		2	4	12	
134	EG	1100	1125	6.2		4	5	12	
133	EG	1125	1150	4.9		1	3	12	
130	AR	0754	0819	9.46		0	1	4	
131	AR	0819	0844	8.22		2	3	12	
132	AR	0844	0909	9.62		3	5	13	
137	AR	0909	0934	5.86		4	5	13	
138	AR	0934	0959	9.46		1	3	12	High Brush
139	AR	1010	1035	9.73	✓	2	3	12	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Barcenas, Juan Mena, Gerard Garcia, Armando Rivera, Ernest Ramirez, Kristopher Bey, Eriete Gomez, Joshua Wesson

Cal. Gas Exp. Date: 2-2028

Date: 8-28-25 Instrument Used: ESPacks (1-8) Grid Spacing: 25

Temperature: _____ Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
140	AR	1035	1100	8.27	333	2	4	12	High Brush
141	AR	1100	1125	7.62	↓	4	5	12	↓
142	AR	1125	1150	8.21	↓	1	3	12	↓

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Bacchus _____ _____

_____ _____ _____

_____ _____ Cal. Gas Exp. Date: _____

Date: 8-28-25 Instrument Used: _____ Grid Spacing: _____

Temperature: _____ Precip: _____ Upwind BG: _____ Downwind BG: _____

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
236									Active Construction
235									
234									
253									
252									
237									
250									
251									
4									
5									
7									
6									
9									
10									

Attach Calibration Sheet
Attach site map showing grid ID

Page 1 of 1

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 43 SERIAL #: 0586506 2

MONITORING DATE: 8-28-25 TIME: 0745

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.54 ppm	5.62 ppm	5.08 ppm

Background Value = 5.08 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	7
#2	24.1 ppm	20 ppm	6
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.3 ppm	.7
#2	0.2 ppm	24.1 ppm	.9
#3	0.5 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			2.13% #DIV/0! Must be less than 10%

Performed By: Stephen Bonches Date/Time: 8-28-25 / 0745

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 36 SERIAL #: 0332603195

MONITORING DATE: 8-28-25 TIME: 0746

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.31 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.8 ppm	20 ppm	7
Calculate Response Time (1+2+3)/3			7 #DIV/0! Must be less than 30 seconds

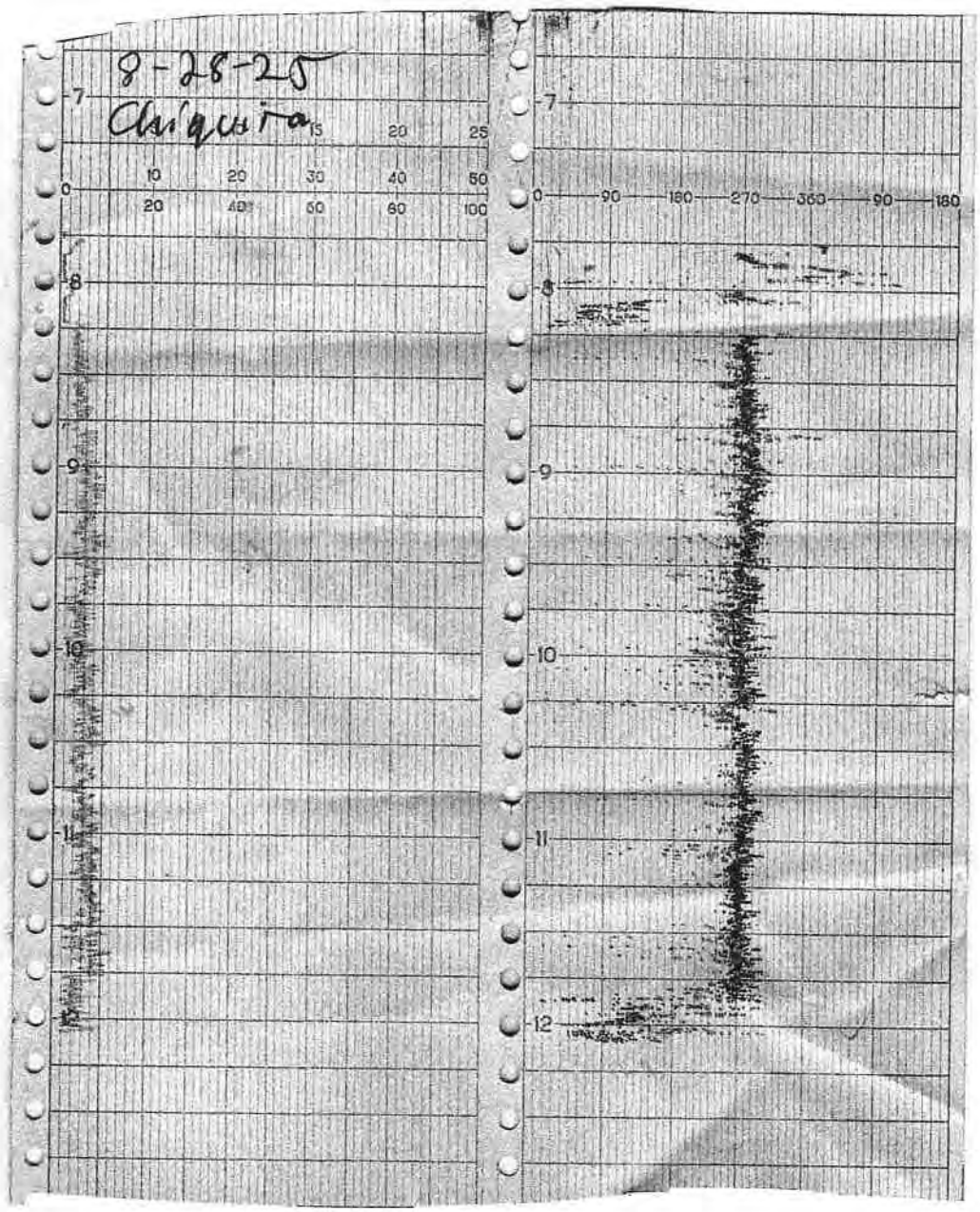
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	24.3 ppm	.7
#2	0.5 ppm	25 ppm	0
#3	0.2 ppm	24.8 ppm	.2
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.2% #DIV/0! Must be less than 10%

Performed By: Stephen Barnes Date/Time: 8-28-25 / 0746

WIND SPEED & DIRECTION CHART ROLL



ISS

Sampling

Chiquita canyon
September 2025

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Joshua Wesson, Armando Rivera, Nyles Jamerson, Ernest Ramirez, Stephen Barbers
Cal. Gas Exp. Date: 6-2029

Date: 9-2-25 Instrument Used: ISS Pack(1-6) Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
167	GG	0731	0756	26.57	333	0	1	11	
168	GG	0756	0821	23.13	↓	1	1	6	
189	GG	0821	0846	10.44		1	2	6	
162	GG	0846	0911	11.51		1	3	10	
187	GG	0911	0936	14.10		2	5	6	
148	GG	0936	0956	14.86		3	6	6	Active/Heavy equipment
153	GG	0956	1021	79.80		4	5	6	
152	GG	1021	1046	14.19		5	6	6	
157	GG	1046	1111	9.75		5	6	6	↓
172	GG	1111	1137	13.02		5	7	6	
190	JW	0740	0805	10.30		1	2	10	
191	JW	0805	0830	5.60		1	1	4	
192	JW	0830	0855	4.25		1	2	12	
193	JW	0855	0920	3.75		1	2	6	
186	JW	0920	0945	11.40		3	5	6	
145	JW	0945	1010	10.35		1	5	6	
77	JW	1010	1035	9.65		1	5	6	
78	JW	1035	1100	6.91		5	6	6	
79	JW	1100	1125	11.32		5	7	6	
80	JW	1125	1150	4.30		5	7	6	
176	AR	0740	0805	18.28		1	2	10	
177	AR	0805	0830	4.40		1	1	4	
179	AR	0830	0855	11.80		1	2	12	
180	AR	0855	0920	9.12		3	5	6	
181	AR	0920	0945	11.17		3	5	6	Steep slope
81	AR	1000	1025	17.18		4	5	6	
82	AR	1025	1050	19.90		5	6	6	
149	AR	1050	1115	20.22		5	6	6	
154	AR	1115	1140	18.67		5	7	6	
159	AR	1140	1205	19.96	↓	6	6	6	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Joshua Wilson, Armando Rivera, Nyles Jameson, Ernest Ramirez, Stephen Barbieri

Cal. Gas Exp. Date: 1-2029

Date: 9-2-25 Instrument Used: ESS Packs (1-6) Grid Spacing: 25

Temperature: 74° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
173	NJ	0740	0805	25.8	337	1	2	10	White Tarp.
176	NJ	0805	0830	19.3		1	1	4	
175	NJ	0830	0855	8.5		1	2	12	
201	NJ	0855	0920	9.3		3	5	8	
200	NJ	0920	0945	9.7		3	5	6	
83	NJ	0955	1020	17.2		4	5	8	
155	NJ	1020	1045	12.1		5	6	6	
160	NJ	1045	1110	9.3		5	6	6	
165	NJ	1110	1135	8.7		5	7	6	
166	NJ	1135	1200	13.6		5	7	6	
184	ER	0920	0945	9.37		3	5	6	
185	ER	0855	0920	17.16		3	5	8	
178	ER	0830	0855	63.42		1	2	12	
150	ER	0805	0830	32.98		1	1	4	
151	ER	0740	0805	23.17		1	2	10	
158	ER	1000	1025	11.17		4	5	8	
171	ER	1025	1050	10.29		5	8	6	
170	ER	1050	1115	4.37		5	8	6	
169	ER	1115	1140	15.06		5	7	6	
174	ER	1140	1205	14.12		6	6	6	
146	SB	0815	0840	11.13		1	2	6	Heavy Machinery
76	SB	0840	0905	11.20		1	2	10	
66	SB	0905	0930	11.24		3	6	6	
147	SB	0955	1020	16.20		4	5	8	
53	SB	1020	1045	16.87	↓	5	8	6	Pipe yard

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 86 SERIAL #: 0332603145

MONITORING DATE: 9-2-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.7 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	7.21 ppm	6.98 ppm

Background Value = 6.98 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.4 ppm	20 ppm	7
#3	24.7 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	24.4 ppm	.6
#3	0.5 ppm	24.7 ppm	.3
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2.4% #DIV/0! Must be less than 10%

Performed By: Stephen Barchus Date/Time: 9-2-25/0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 9-2-25 TIME: 0721

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.32 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

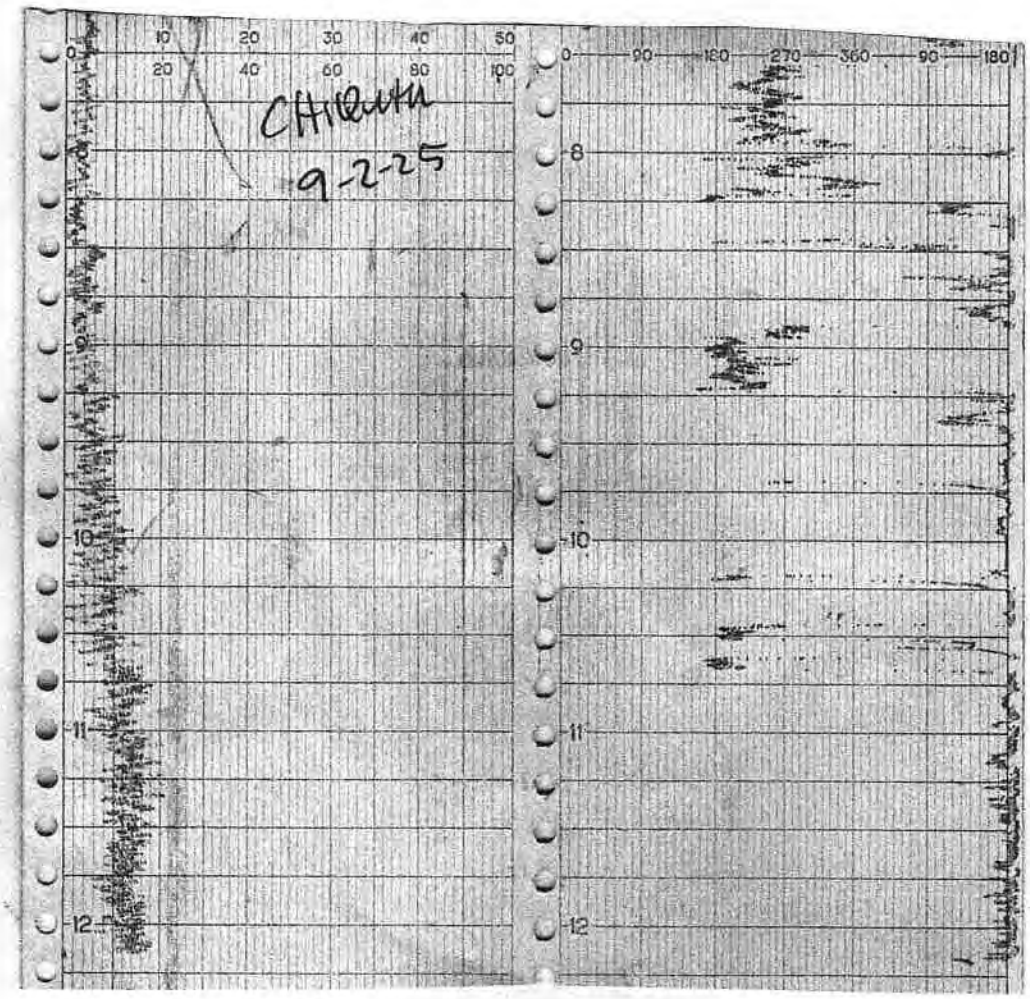
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.0 ppm	24.1 ppm	.9
#2	1.0 ppm	24.5 ppm	.5
#3	0.1 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.86% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-2-25 / 0721

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita

Quarter / Year:	3rd QTR / 2025		3rd QTR / 2025								
Technician:	Stephen Borches		Stephen Borches								
Instrument:	TVA1000		TVA 1000								
Calibration Standard:	25 ppm		25 ppm								
Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days				
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	
187	26.57	9-2-25		9-12-25	19.12						
153	79.80	↓		↓	20.66						
173	25.8				18.45						
178	63.42				9.68						
150	32.98	✓		✓	8.21						

Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 6 SERIAL #: 0720723626

MONITORING DATE 9-12-25 TIME: 0745

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.15 ppm	8.35 ppm	7.75 ppm

Background Value = 7.75 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.5 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

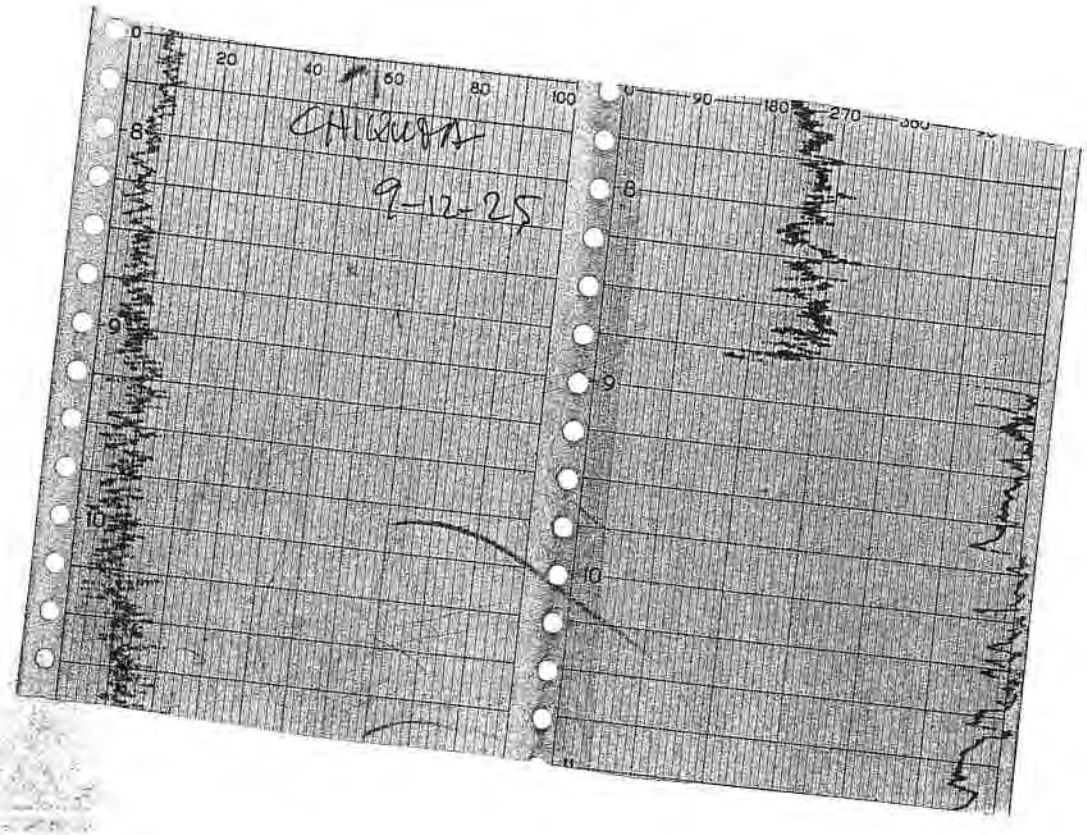
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.8% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-12-25 / 0745

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Ernest Ramirez, Amando Rivera, Joshua Nesson

Cal. Gas Exp. Date: 2-2028

Date: 9-3-25 Instrument Used: ISS Packs (1-4) Grid Spacing: 25

Temperature: 76° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
199	GG	0800	0825	37.47	333	1	2	12	Active/fractu
197	GG	0825	0850	32.97		1	1	12	
195	GG	0850	0915	28.30		1	2	12	
194	GG	0915	0940	57.75		1	3	12	Dirt/slipp
96	GG	0940	1005	28.74		1	3	12	↓
99	GG	1005	1030	29.14		1	3	12	
216	GG	1030	1055	37.90		1	2	10	
217	GG	1055	1120	37.20		1	2	12	
167	ER	0730	0755	7.11		1	3	12	
168	ER	0755	0820	6.39		1	2	12	
204	ER	0820	0845	7.18		1	1	12	
203	ER	0845	0910	7.31		1	2	12	
202	ER	0910	0935	7.08		1	3	12	
205	ER	0935	1000	6.29		1	3	12	to steep
206	ER	1000	1025	7.21		1	3	12	↓
207	ER	1025	1050	6.47		1	2	10	↓
209	AR	0800	0825	7.41		1	2	12	
212	AR	0825	0850	7.31		1	1	12	
213	AR	0850	0915	6.24		1	2	12	
214	AR	0915	0940	7.62		1	3	12	
211	AR	0940	1005	8.92		1	3	12	Steep slop
208	AR	1005	1030	9.32		1	3	12	
210	AR	1030	1055	10.35		1	2	10	too steep
215	AR	1055	1120	11.45		1	2	12	
90	JW	0750	0815	6.32		1	3	13	
89	JW	0815	0840	10.51		2	3	12	
161	JW	0840	0905	4.32		3	3	12	construction
163	JW	0905	0930	8.60		1	2	12	
164	JW	0930	0955	11.50		2	4	12	construction
198	JW	0955	1020	20.60	↓	1	3	12	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia. Ernest Ramirez Armando Rivera
Joshua Wesson

Cal. Gas Exp. Date: 2-2028

Date: 9-3-25 Instrument Used: ESSPacks (1-4) Grid Spacing: 25

Temperature: 76° Precip: Ø Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
196	JW	1020	1045	25.40	323	1	2	10	
162	JW	1047	1110	28.20	↓	1	2	10	
88	JW	1110	1135	30.40	↓	2	5	5	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 43 SERIAL #: 15865062

MONITORING DATE: 9-3-25 TIME: 0730

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.9 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.13 ppm	5.79 ppm

Background Value = 5.79 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	24.5 ppm	.5
#3	0.5 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-3-25 / 0730

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 4 SERIAL #: 1035045571

MONITORING DATE: 9-3-25 TIME: 0731

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.13 ppm	7.19 ppm	6.66 ppm

Background Value = 6.66 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	25 ppm	20 ppm	8
#2	24.0 ppm	20 ppm	6
#3	24.5 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

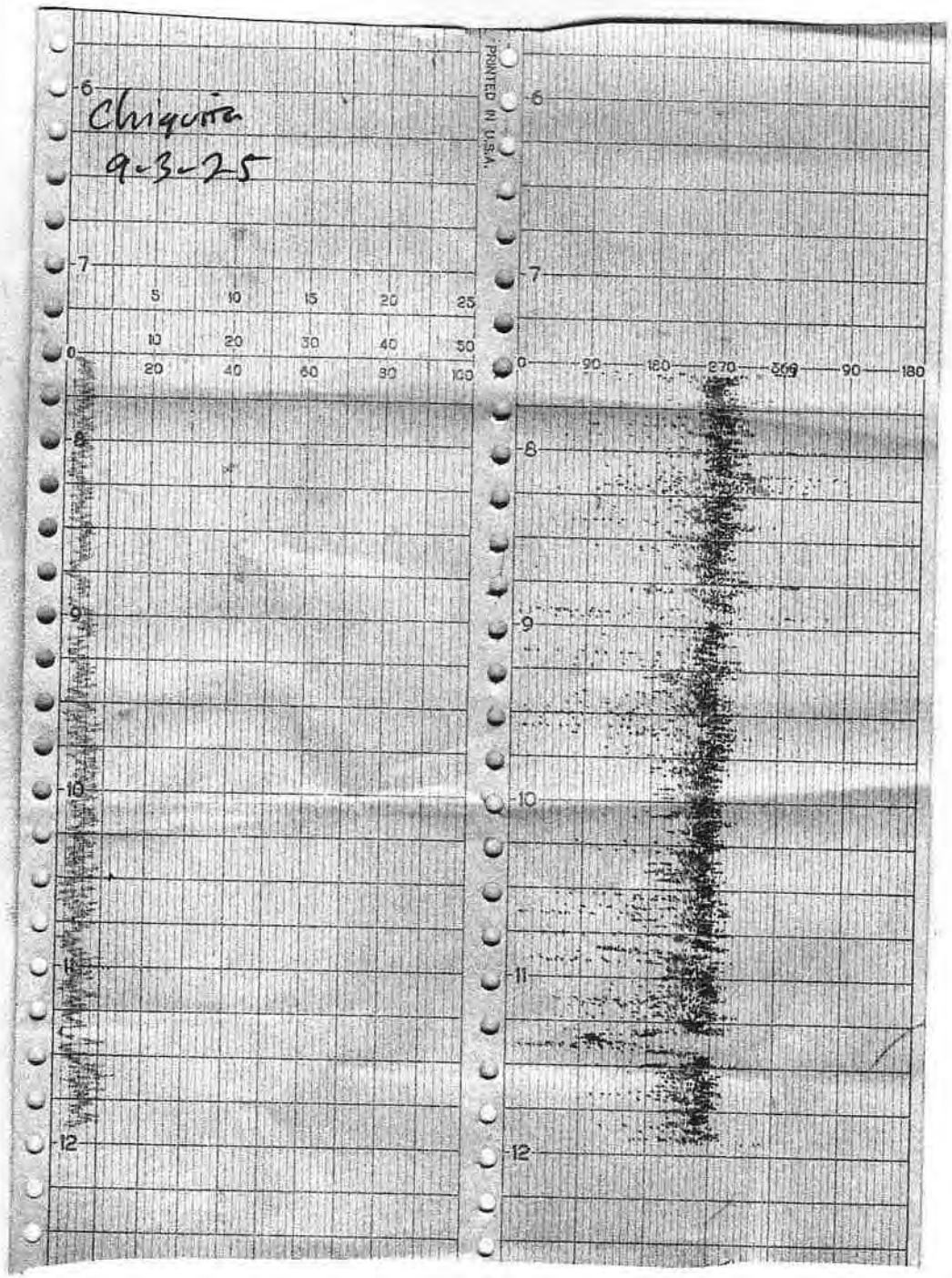
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	25 ppm	0
#2	0.1 ppm	24.0 ppm	1
#3	0.3 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-3-25 / 0731

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR 2025		3rd QTR / 2025								
Technician:	Stephen Bunches		Stephen Bonches								
Instrument:	TVA 1000		TVA 1000								
Calibration Standard:	25 ppm		25 ppm								
Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days				
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	
199	37.47	9-3-25		9-12-25	23.61						
197	32.97				19.18						
195	28.30				12.26						
194	51.75				24.16						
96	28.74				10.19						
99	29.14				11.06						
216	37.90				18.43						
217	37.20				17.62						
196	25.40				19.11						
162	28.20				21.62						
88	30.40				20.41						

Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 6 SERIAL #: 0720723626

MONITORING DATE 9-12-25 TIME: 0745

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.15 ppm	8.35 ppm	7.75 ppm

Background Value = 7.75 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.5 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

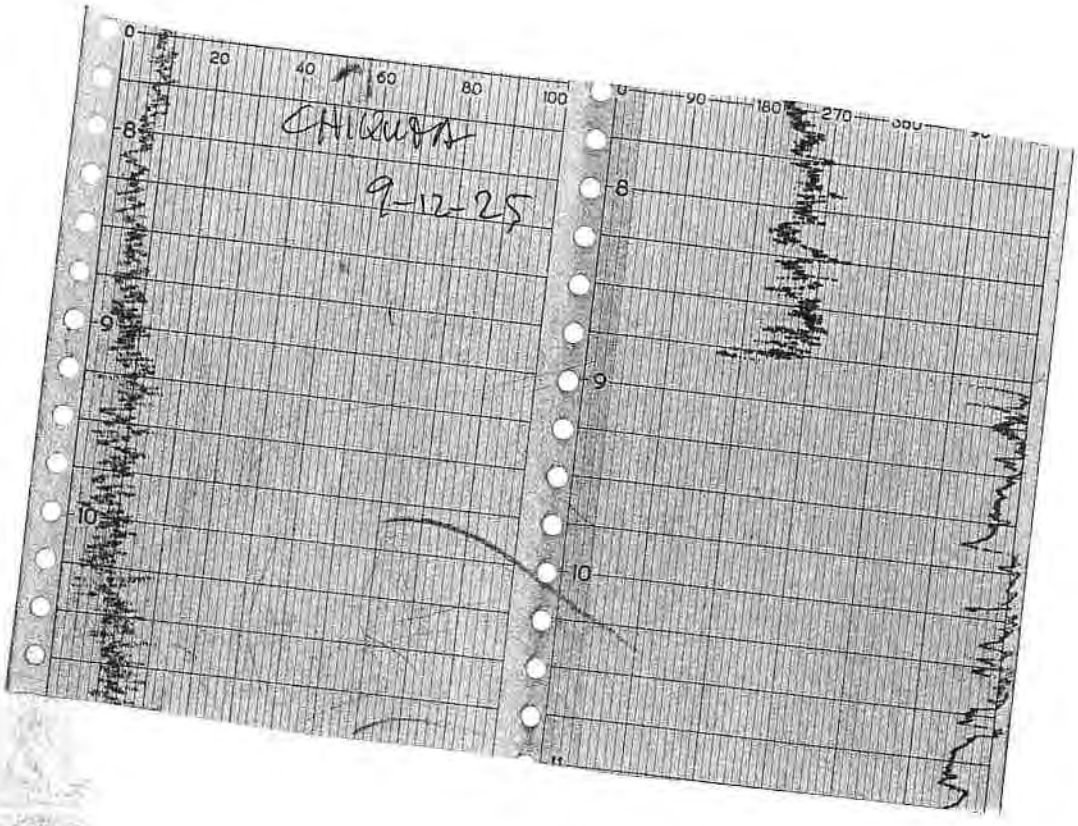
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.8% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-12-25 / 0745

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Armando Rivera, Joshua Wesson, Gerardo Garcia, Ernest Ramirez, Erick Gomez, Stephen Borchers

Cal. Gas Exp. Date: 2-2029

Date: 9-15-25 Instrument Used: ESI Pulses (F6) Grid Spacing: 25

Temperature: 67° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
184	AR	0754	0824	13.74	733	1	3	10	
185	AR	0824	0846	10.23		1	2	12	
178	AR	0949	0914	20.22		1	2	12	
179	AR	0914	0939	18.19		1	3	12	
180	AR	0939	1004	21.26		1	3	12	
181	AR	1014	1039	12.15		2	4	12	
200	AR	1039	1103	20.22		2	4	12	
201	AR	1103	1128	13.25		1	3	12	TOO STEEP
175	AR	1128	1153	19.86		1	2	12	
176	AR	1153	1218	18.29		3	5	4	
190	JW	0750	0815	10.30		2	3	12	
191	JW	0815	0840	9.45		2	3	12	
192	JW	0840	0905	8.40		2	3	12	
193	JW	0905	0930	9.50		2	3	12	
186	JW	0930	0955	11.25		2	3	12	
187	JW	0955	1020	11.40		2	3	13	
188	JW	1020	1045	12.88		1	3	12	
189	JW	1045	1110	11.40		2	4	12	
192	JW	1110	1135	8.56		1	3	12	
193	JW	1135	1200	9.60		2	3	5	
177	GG	0800	0825	12.11		1	3	10	
156	GG	0825	0850	13.87		1	2	12	
150	GG	0850	0915	19.97		1	2	12	
151	GG	0915	0940	14.16		1	3	12	
152	GG	0940	1005	13.90		1	3	12	
157	GG	1005	1030	14.22		2	4	12	
172	GG	1030	1055	13.50		1	2	12	
173	GG	1055	1120	14.72		1	3	12	
174	GG	1120	1145	12.09		1	3	12	
202	GG	1145	1210	11.76	✓	3	5	4	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Arnuldo Rivera, Joshua Wesson, Gerard Garcia, Ernest Ramirez, Erick Gomez, Stephen Barajas Jr.

Cal. Gas Exp. Date: 2-2029

Date: 9-15-25 Instrument Used: ESC Pulses (1-6) Grid Spacing: 25

Temperature: 67° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
75	ER	0745	0810	10.29	933	2	3	14	
76	ER	0810	0835	10.41		2	3	12	
146	ER	0835	0900	9.16		2	3	12	
147	ER	0900	0925	9.89		1	3	12	
66	ER	0925	0950	9.75		2	3	12	
67	ER	0950	1015	13.61		2	3	12	
54	ER	1015	1040	14.39		1	3	12	
53	ER	1040	1105	15.16		3	5	10	
149	ER	1105	1130	10.87		1	3	12	
153	ER	1130	1155	11.39		1	2	12	
81	EG	0745	0810	34.2		2	3	14	
82	EG	0810	0835	49.1		2	3	12	
83	EG	0835	0900	48.8		2	3	12	
148	EG	0900	0925	16.2		1	3	12	
154	EG	0925	0950	24.6		2	3	12	Tarp
155	EG	1005	1030	15.2		2	4	12	Tarp
159	EG	1030	1055	16.5		1	2	12	
166	EG	1055	1120	11.9		1	3	12	
167	EG	1120	1145	13.1		1	3	12	
168	EG	1145	1210	11.6		3	5	4	
145	SB	0840	0905	9.12		2	3	12	slope / Tarp
77	SB	0905	0930	12.26		1	3	12	↓
78	SB	0930	0955	17.76	✓	2	3	12	slippery slope / Tarp

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 4 SERIAL #: 1035045571

MONITORING DATE: 9-15-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.19 ppm	5.82 ppm

Background Value = 5.82 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	25. ppm	20 ppm	8
#3	24.3 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	25 ppm	0
#3	0.5 ppm	24.3 ppm	.7
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2.1% #DIV/0! Must be less than 10%

Performed By: Stephen Barahona Date/Time: 9-15-25 / 0740

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 36 SERIAL #: 0332603195

MONITORING DATE: 9-15-25 TIME: 0740

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.5 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.49 ppm	6.13 ppm	5.81 ppm

Background Value = 5.81 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

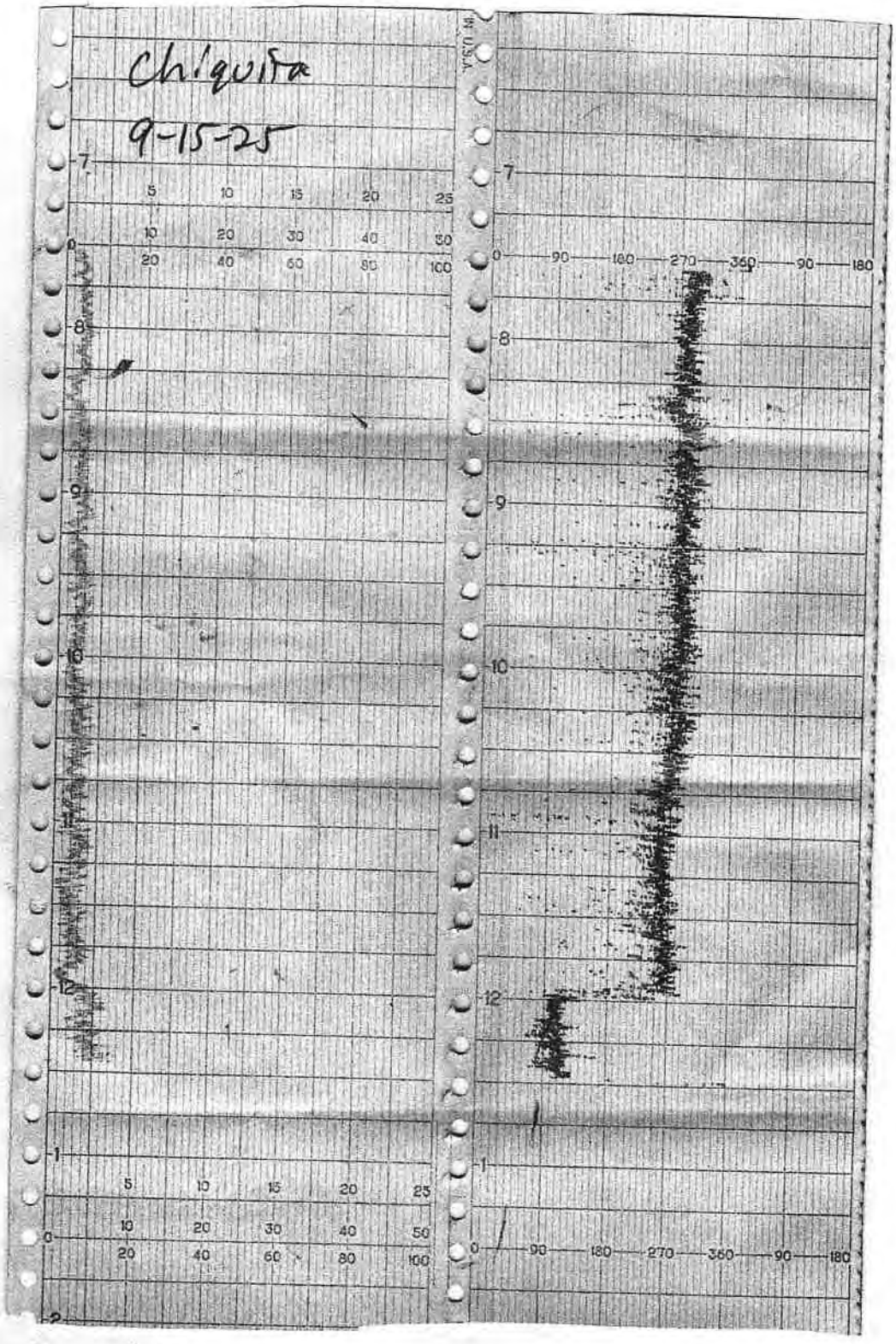
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24.1 ppm	.9
#2	0.0 ppm	24.5 ppm	.5
#3	0.3 ppm	24.9 ppm	.1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-15-25 / 0740

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita

Quarter / Year:	3rd QTR/2025	3rd QTR /2025
Technician:	Stephen Borchers	Stephen Borchers
Instrument:	TVA 1000	TVA 1000
Calibration Standard:	25ppm	25ppm

Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd <25 ppm	Excd. >25 ppm
B1	34.2	9-15-25		9-24-25	24.13					
B2	49.1	↓		↓	22.31					
B3	48.8	↓		↓	13.04					

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita Canyon INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 9 SERIAL #: 0532113801

MONITORING DATE: 9-24-25 TIME: 0805

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.15 ppm	8.32 ppm	7.73 ppm

Background Value = 7.73 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.7 ppm	20 ppm	7
#2	25 ppm	20 ppm	8
#3	24.5 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.7 ppm	.3
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.0 % #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-24-25 / 0805

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 9-24-25 TIME: 0805

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.5 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	7.82 ppm	7.28 ppm

Background Value = 7.28 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

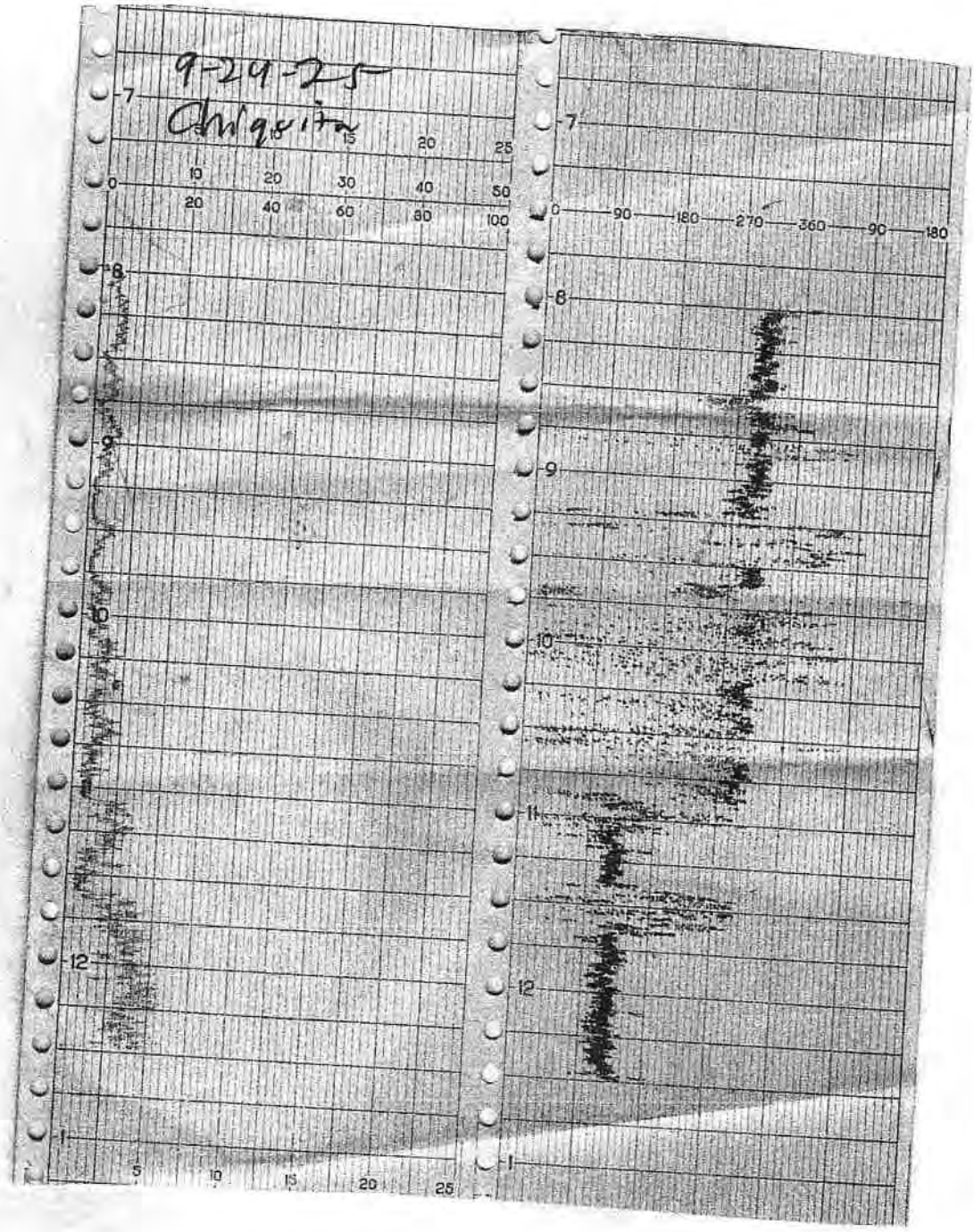
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	24.5 ppm	.5
#3	0.5 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-24-25/0805

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Erick Gomez, Gerard Garcia, Amando Rivera, Joshua Wesson, Ernest Ramirez

Cal. Gas Exp. Date: 2-2029

Date: 9-16-25 Instrument Used: ISS Packet (1-5) Grid Spacing: 25

Temperature: 92° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
165	EG	0745	0810	8.5	333	2	3	16	
160	EG	0810	0835	12.2		2	4	3	
90	EG	0835	0900	9.3		1	2	16	
84	EG	0900	0925	49.90		2	3	16	
30	EG	0925	0950	127		2	5	2	
218	EG	1015	1040	11.6		1	3	14	
219	EG	1040	1105	4.6		3	5	16	
220	EG	1105	1130	47.36		1	3	2	
226	EG	1130	1155	13.5		3	5	2	
227	EG	1155	1220	3.6		4	7	12	
158	AR	0740	0805	17.22		2	4	16	
171	AR	0805	0830	18.67		3	4	4	
170	AR	0830	0855	19.30		1	3	2	
169	AR	0855	0920	20.39		2	3	10	
203	AR	0920	0945	21.16		2	5	2	
32	AR	1015	1040	15.17		1	3	14	
33	AR	1040	1105	17.82		3	5	16	
34	AR	1105	1130	18.61		1	3	2	
35	AR	1130	1155	19.72		3	5	2	
31	AR	1155	1220	20.27		4	7	12	
205	ER	0925	0950	3.35		2	5	2	too steep
206	ER	0900	0925	3.29		2	3	16	
207	ER	0835	0900	3.87		1	2	4	
204	ER	0810	0835	3.95		2	4	3	
208	ER	0745	0810	4.87		2	3	16	
194	ER	1015	1040	6.16		1	3	14	too steep
96	ER	1040	1105	5.24		3	5	16	
99	ER	1105	1130	5.16		3	5	12	
216	ER	1130	1155	5.21		3	5	2	
217	ER	1155	1220	5.19	✓	4	7	12	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Erich Gomez, Armando Rivera, Ernest Ramirez, Gerard Garcia, Joshua Wesson

Cal. Gas Exp. Date: 2-2029

Date: 9-16-25 Instrument Used: ESS Pack (1-5) Grid Spacing: 25

Temperature: 92° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
85	GG	0800	0825	8.74		3	4	4	
86	GG	0825	0850	7.02		1	2	2	
88	GG	0850	0915	7.13		2	3	14	
162	GG	0915	0940	7.20		1	2	16	
196	GG	0940	1005	7.30		1	3	10	
195	GG	1005	1030	6.95		2	4	15	
197	GG	1030	1055	7.29		1	4	16	
199	GG	1055	1120	10.26		4	6	16	
213	GG	1120	1145	7.36		3	5	15	
214	GG	1145	1210	9.20		2	5	14	
209	JW	0800	0825	8.98		2	3	4	
164	JW	0825	0850	6.59		1	3	2	
163	JW	0850	0915	6.48		2	3	14	
161	JW	0915	0940	10.60		1	2	16	
89	JW	0940	1005	6.59		1	3	10	
198	JW	1005	1030	5.82		2	4	15	
212	JW	1030	1055	7.00		1	4	16	
211	JW	1055	1120	6.23		4	6	16	RESTROOM
210	JW	1120	1145	15.80		3	5	15	
215	JW	1145	1210	24.76		2	5	14	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 43 SERIAL #: 15965062

MONITORING DATE: 9-16-25 TIME: 0735

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.32 ppm	5.88 ppm

Background Value = 5.88 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			#DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	1.0 ppm	24.5 ppm	.5
#3	0.0 ppm	25 ppm	0
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.86% #DIV/0! Must be less than 10%

Performed By: Stephen Barbers Date/Time: 9-16-25 / 0735

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 9 SERIAL #: 0532413801

MONITORING DATE: 9-16-25 TIME: 0735

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.9 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.64 ppm	6.31 ppm	5.97 ppm

Background Value = 5.97 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.6 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

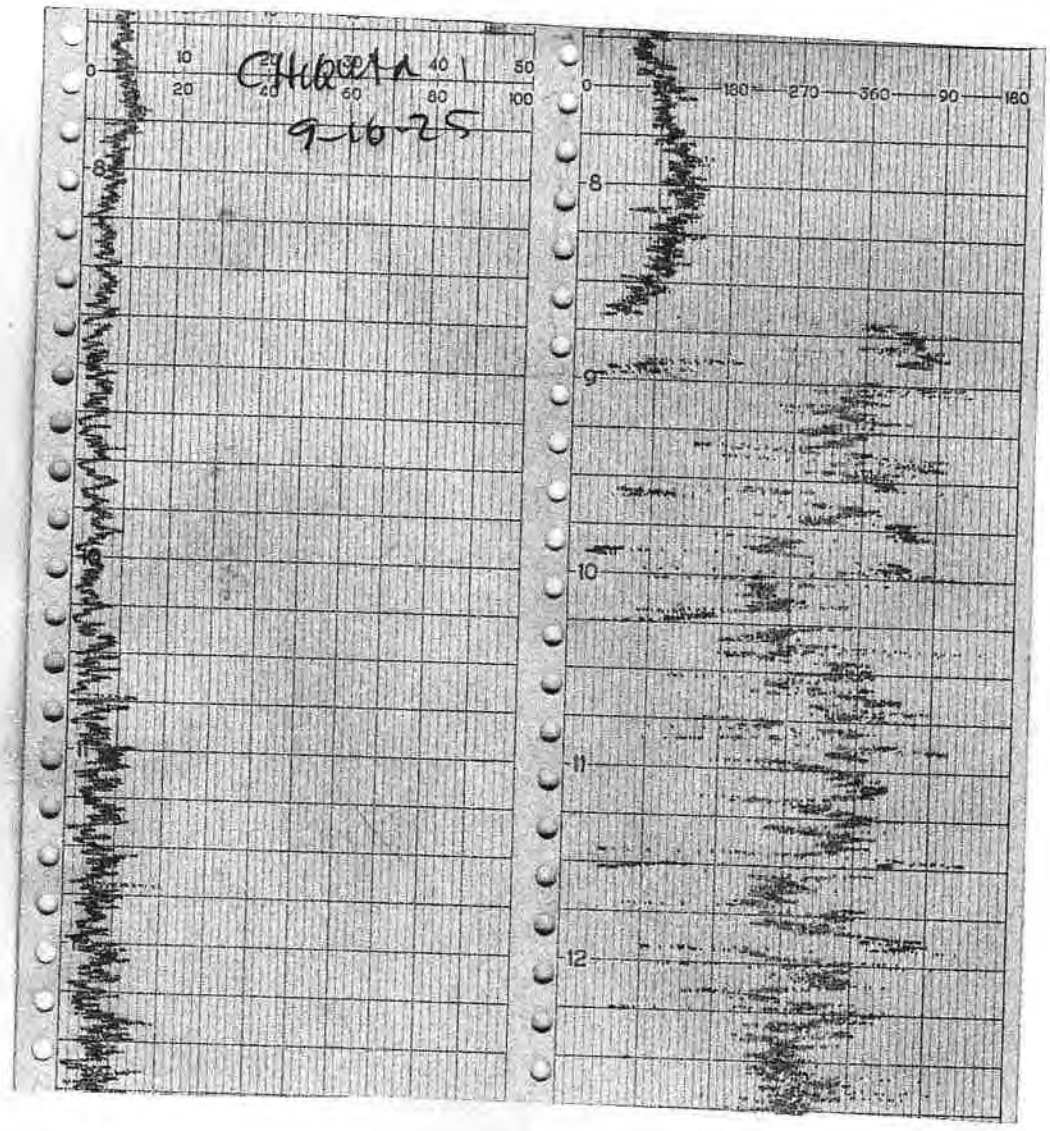
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.3 ppm	.7
#2	1.0 ppm	24.6 ppm	.4
#3	0.3 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.6% #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 9-16-25/0735

WIND SPEED & DIRECTION CHART ROLL



RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA-1000 EQUIPMENT #: 51 SERIAL #: 7161369

MONITORING DATE: 9-17-25 TIME: 0700

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
3 ppm	2 ppm	2.5 ppm

Background Value = 2.5 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	25.05 ppm	22.05 ppm	5
#2	25.03 ppm	22.04 ppm	7
#3	25.04 ppm	22.01 ppm	4
Calculate Response Time (1+2+3) / 3			#DIV/0! Must be less than 30 seconds

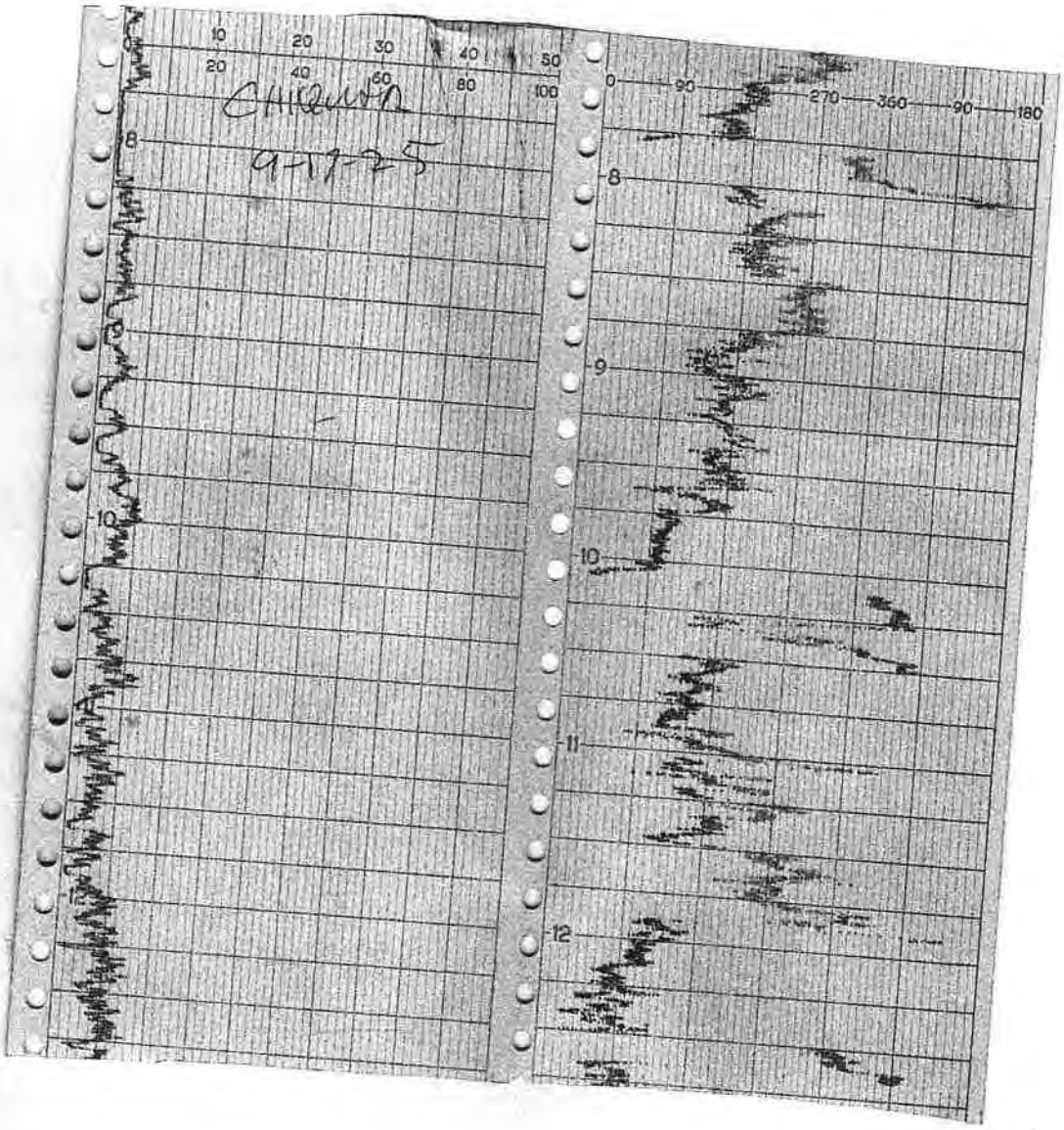
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.5 ppm	25.05 ppm	0.5
#2	0.4 ppm	25.03 ppm	0.3
#3	0.3 ppm	25.02 ppm	0.4
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		#DIV/0! Must be less than 10%

Performed By: Jerry Manor Date/Time: 9-17-25

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita

Quarter / Year:	3rd QTR/2025	3rd QTR/2025
Technician:	Stephen Borches	Stephen Borches
Instrument:	TVA1000	TVA1000
Calibration Standard:	25	25 ppm

Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm
84	49.90	9-16-25		9-24-25	24.32					
30	127	↓		↓	22.60					
220	47.36	↓		↓	6.80					

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita Canyon INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 9 SERIAL #: 0532113801

MONITORING DATE: 9-24-25 TIME: 0805

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.15 ppm	8.32 ppm	7.73 ppm

Background Value = 7.73 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.7 ppm	20 ppm	7
#2	25 ppm	20 ppm	8
#3	24.5 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.7 ppm	.3
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.0 % #DIV/0! Must be less than 10%

Performed By: Stephen Borches Date/Time: 9-24-25/0805

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 9-24-25 TIME: 0805

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.5 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	7.82 ppm	7.28 ppm

Background Value = 7.28 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

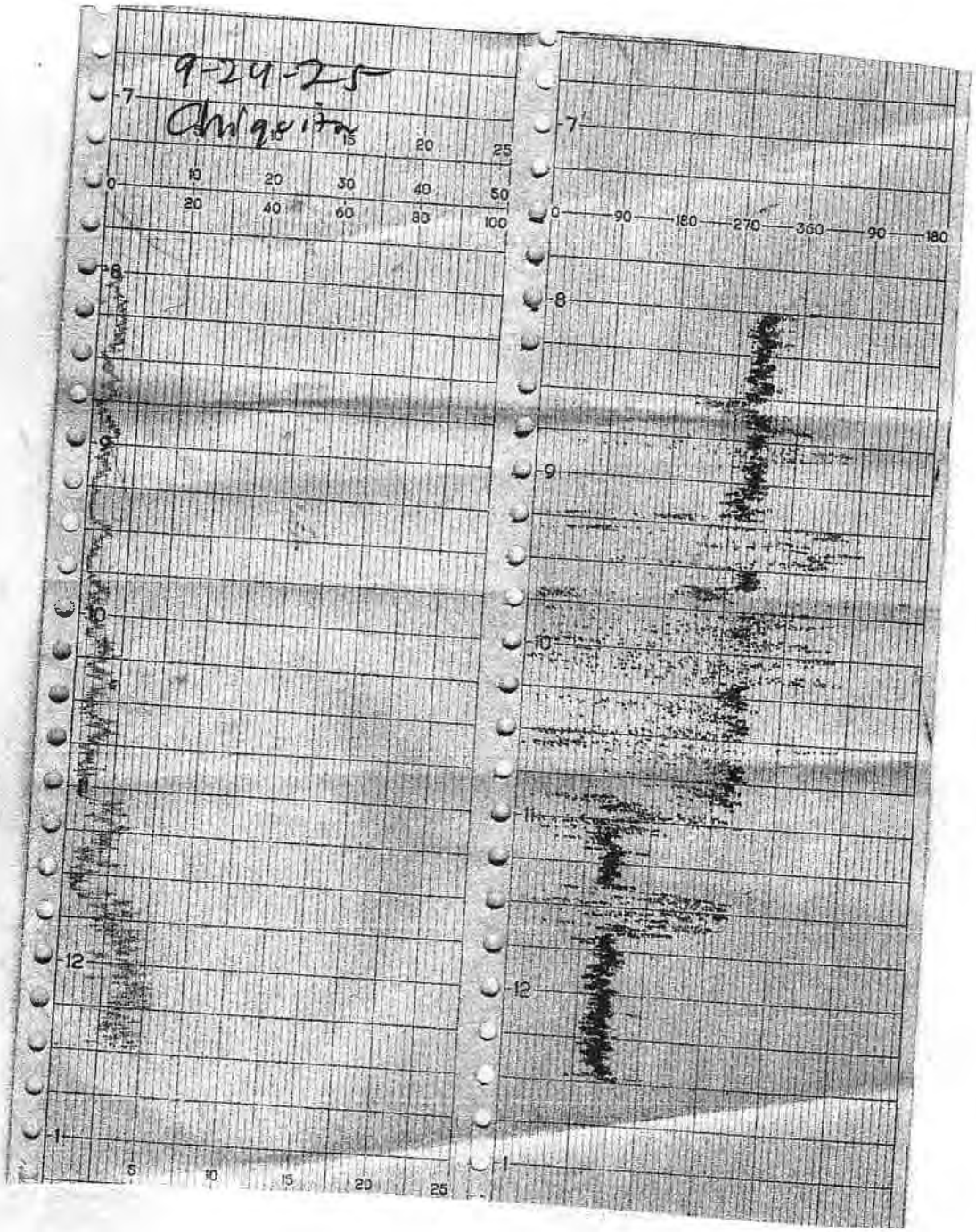
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	24.5 ppm	.5
#3	0.5 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-24-25/0805

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: J. Munoz
J. Pennington
R. Gorr

Cal. Gas Exp. Date: 9/08

Date: 9-17-25 Instrument Used: GEM 2-3 Grid Spacing: 25

Temperature: 80 Precip: 0 Upwind BG: 2 Downwind BG: 3

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
26	JM	0730	0755	4.74	333	0	1	16	
27	JP	0730	0755	11.07		0	1	16	
106	RG	0730	0755	9.50		0	1	16	vegetation
24	JM	0755	0820	4.60		1	3	9	
28A	JP	0755	0820	13.01		1	3	9	
107	RG	0755	0820	9.45		1	3	9	cliff
29	JM	0820	0845	4.02		2	2	12	vegetation
25	JP	0820	0845	7.02		2	2	12	
23	RG	0820	0845	8.90		2	2	12	
105	JM	0845	0910	4.25		2	3	6	vegetation
22	JP	0845	0910	4.03		2	3	6	
21	RG	0845	0910	9.24		2	3	6	
5	JM	1000	1025	5.09		0	1	6	
120	JP	1000	1025	4.01		0	1	6	
112	RG	1000	1025	7.52		0	1	6	
19	JM	1025	1050	8.30		0	1	6	
114	JP	1025	1050	4.07		0	1	6	
10	RG	1025	1050	9.41		0	1	6	
18	JP	1105	1130	14.07		2	3	6	
17	RG	1105	1130	13.29	↓	2	3	6	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Erick Gomez, Ernest Ramirez, Armando Rivera, Myles Jamerson

Cal. Gas Exp. Date: 2-2029

Date: 9-17-25 Instrument Used: ISSPack (1-5) Grid Spacing: 25

Temperature: 79° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
79	EG	0745	0810	11.9	333	0	0	6	
80	EG	0810	0835	24.6		1	2	12	
71	EG	0835	0900	7.1		0	1	6	
72	EG	0900	0925	28.6		2	3	7	
73	EG	0925	0950	7.4		4	5	4	
74	AR	0745	0810	19.83		0	0	6	
68	AR	0810	0835	19.77		1	2	12	
69	AR	0835	0900	17.25		0	1	6	
70	AR	0900	0925	15.50		2	3	7	
58	AR	0925	0950	18.77		4	5	4	
60	ER	0750	0815	13.68		1	2	10	
61	ER	0815	0840	12.31		1	2	12	
62	ER	0840	0905	10.41		2	3	8	
63	ER	0905	0930	11.91		2	3	6	
64	ER	0930	0955	12.59		5	5	4	
59	NJ	0745	0810	9.8		0	0	8	High veg
55	NJ	0810	0835	9.1		1	2	12	Veg
56	NJ	0835	0900	7.5		0	1	8	↓
57	NJ	0900	0925	8.7		2	3	7	↓
65	NJ	0925	0950	8.4		4	5	4	
93	GG	0800	0825	96.60		1	3	6	Active Equipment/Test.
94	GG	0825	0850	97.97		0	1	6	Active Equip/traffic
95	GG	0850	0915	67.44		2	3	8	↓
104	GG	0915	0940	131		1	2	6	↓
99	GG	0940	1005	97.70		2	4	2	↓
38	NJ	1000	1025	10.3		1	2	14	Veg
42	NJ	1025	1050	11.5		4	6	6	↓
46	NJ	1050	1115	9.6		1	3	8	↓
45	NJ	1115	1140	10.6		2	4	12	Traffic
48	NJ	1140	1205	11.8	↓	2	3	5	Traffic/Steep

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Gerard Garcia, Erick Gomez, Ernest Ramirez, Amando Rivera, Nyles Jameson

Cal. Gas Exp. Date: 2-2029

Date: 9-17-25 Instrument Used: ISC Packs (1-5) Grid Spacing: 25

Temperature: 79° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
36	ER	1000	1025	19.97		1	2	14	
37	ER	1025	1050	19.92		4	6	6	
41	ER	1050	1115	16.49		1	3	6	
40	ER	1115	1140	16.31		2	4	12	
44	ER	1140	1205	15.61		2	3	5	
87	AR	1015	1040	18.39		2	3	7	
91	AR	1040	1105	17.46		1	3	6	
49	AR	1105	1130	19.67		1	3	6	
50	AR	1130	1155	18.97		2	3	6	
92	AR	1155	1220	17.95		5	7	3	
39	EG	1015	1040	16.2		2	3	7	
43	EG	1040	1105	14.3		1	3	6	
47	EG	1105	1130	11.6		1	3	6	
52	EG	1130	1155	12.1		2	3	6	
51	EG	1155	1220	9.9		5	7	3	Heavy Equipment Active, Containers, Trucks
97	GG	1005	1030	32.81		0	1	6	
100	GG	1030	1055	22.45		3	6	6	
102	GG	1055	1120	23.77		2	4	10	
103	GG	1120	1145	25.60		3	4	12	
101	GG	1145	1210	29.51	↓	2	4	5	↓

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 36 SERIAL #: 0332603195

MONITORING DATE: 9-17-25 TIME: 0750

Calibration Procedure:

1. Allow instrument to zero itself while introducing air
2. Introduce calibration gas into the probe. Stabilized reading = 24.5 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.45 ppm	6.39 ppm	5.92 ppm

Background Value = 5.92 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.3 ppm	20 ppm	7
#3	24.5 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	24.3 ppm	.7
#3	0.5 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2.8% #DIV/0! Must be less than 10%

Performed By: Stephen Bor Date/Time: 9-17-25 / 0750

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 43 SERIAL #: 15865062

MONITORING DATE: 9-17-25 TIME: 0750

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.13 ppm	7.42 ppm	6.77 ppm

Background Value = 6.77 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

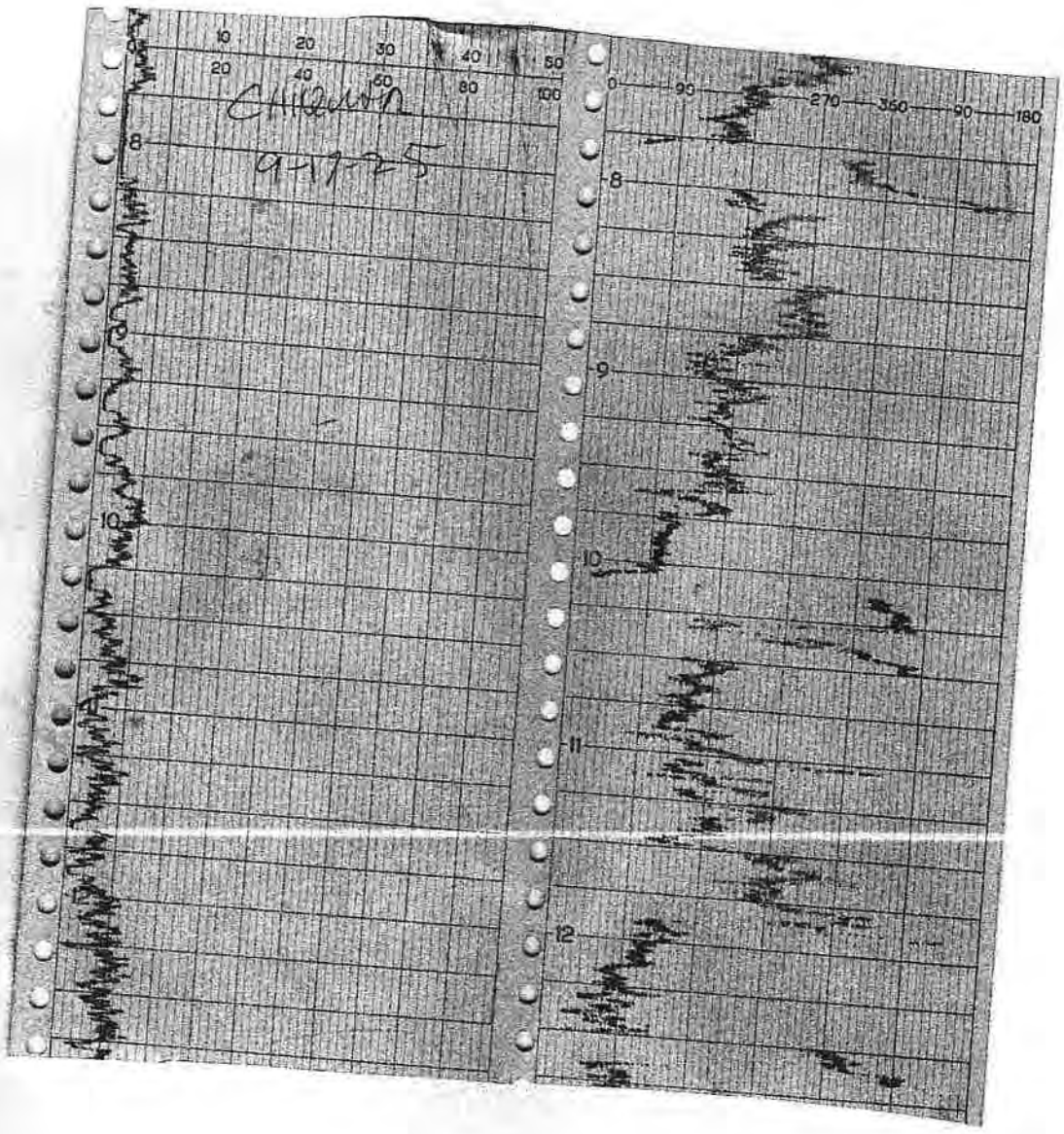
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	24.5 ppm	.5
#3	1.0 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.86% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-17-25 / 0750

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR/2025	3rd QTR /2025
Technician:	Stephen Borchers	Stephen Borchers
Instrument:	TVA1000	TVA1000
Calibration Standard:	25ppm	25ppm

Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd >25 ppm
72	28.6	9-17-25		9-24-25	7.30					
93	96.60				20.29					
94	97.97				7.30					
95	67.44				8.30					
104	131				18.15					
98	97.70				8.60					
97	32.81				9.84					
103	25.60				10.71					
101	29.57				18.90					

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita Canyon INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 9 SERIAL #: 0532113801

MONITORING DATE: 9-24-25 TIME: 0805

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.15 ppm	8.32 ppm	7.73 ppm

Background Value = 7.73 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.7 ppm	20 ppm	7
#2	25 ppm	20 ppm	8
#3	24.5 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.7 ppm	.3
#2	1.0 ppm	25 ppm	0
#3	0.6 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.0 % #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-24-25/0805

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 9-24-25 TIME: 0805

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.5 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	7.82 ppm	7.28 ppm

Background Value = 7.28 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

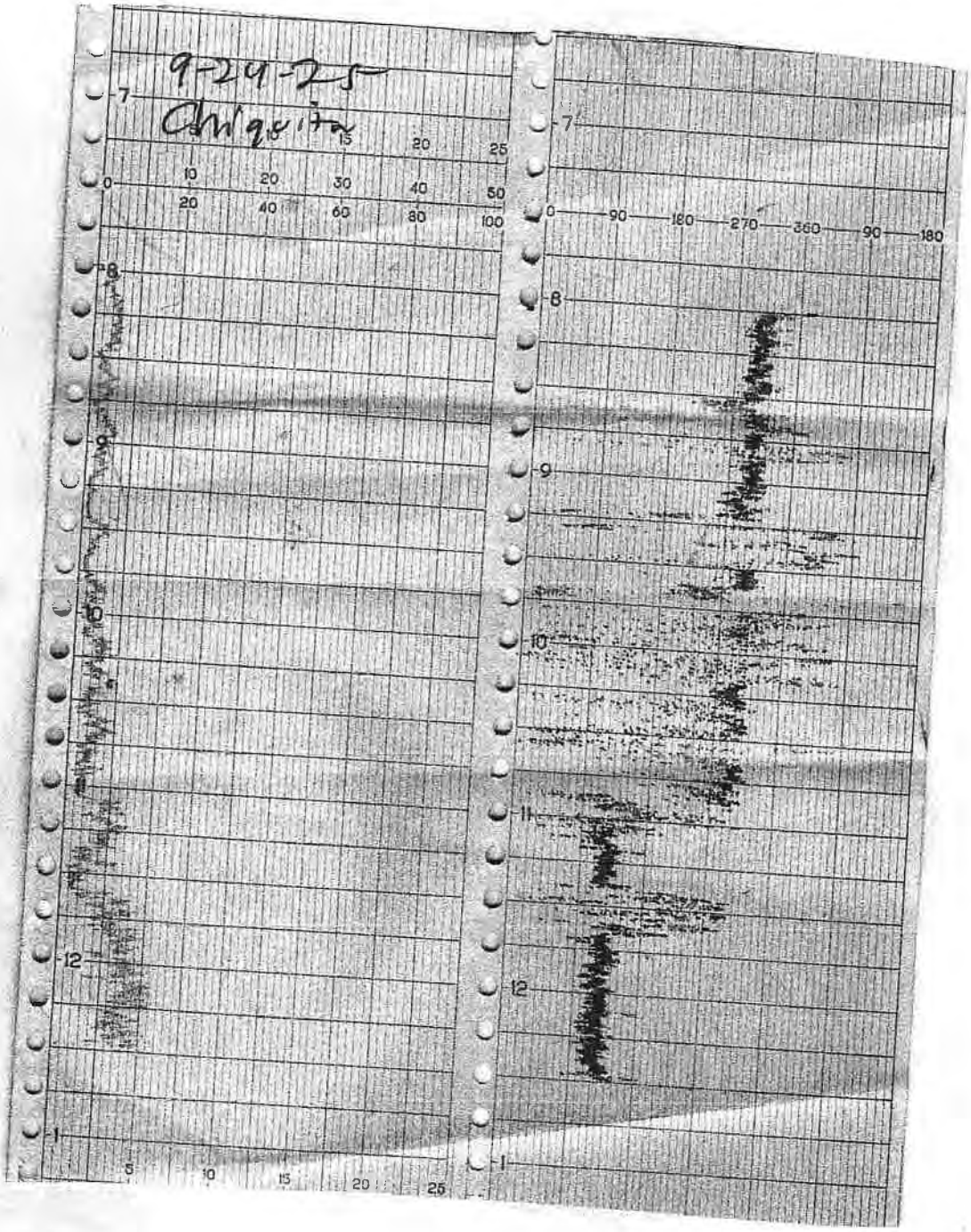
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	0.3 ppm	24.5 ppm	.5
#3	0.5 ppm	24.9 ppm	.1
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		2% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-24-25/0805

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Ryley Geer, Simon Cupa, Ernest Ramirez, Erick Gomez, Nyles Idmerson, Armando Rivera, Stephen Borchers

Cal. Gas Exp. Date: 2-2029

Date: 9-19-25 Instrument Used: ISS Pack (1-7) Grid Spacing: 25

Temperature: 73° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
233	RG	0742	0807	9.72	333	0	1	12	Offices Blocking Grids
237	RG	0807	0832	7.32		1	1	4	Shipping Containers
238	RG	0832	0857	8.91		1	1	12	Traffic in corner
234	RG	0858	0923	9.47		1	2	12	
116	RG	0948	1013	7.43		1	2	4	
126	RG	1020	1045	8.22		3	4	4	
133	RG	1045	1110	7.51		3	4	4	
132	RG	1110	1135	7.81		3	4	4	
131	RG	1135	1200	9.27		2	6	4	
130	RG	1200	1225	7.32		2	5	6	Steep cliff
1	SC	0750	0815	5.97		1	3	3	
2	SC	0815	0840	5.57		1	1	2	trucks, containers, Material
3	SC	0840	0905	5.87		1	1	2	
4	SC	0905	0930	5.96		1	2	4	Slope to Steep
119	SC	0930	0955	5.71		2	3	4	
137	SC	1000	1025	7.48		2	3	5	Slope to steep/Big Brush
138	SC	1025	1050	7.56		3	5	4	Big Brush
139	SC	1050	1115	7.84		4	5	4	↓
140	SC	1115	1140	9.30		1	5	4	↓
142	SC	1140	1205	7.55		2	6	4	Big Brush/Slope to Steep
228	ER	0720	0745	6.46		0	1	13	
229	ER	0745	0810	6.49		0	1	12	
230	ER	0810	0835	7.01		1	1	4	
231	ER	0835	0900	6.69		1	1	12	
232	ER	0900	0925	7.16		1	2	12	
20	ER	0945	1010	5.31		1	2	4	
12	ER	1010	1035	5.47		4	5	4	
11	ER	1035	1100	5.69		3	4	4	
109	ER	1100	1125	5.89		3	4	4	High Brush
108	ER	1125	1150	5.79	↓	3	5	6	↓ to Steep

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Ryley Geer, Simon Cupa, Ernest Ramirez, Erick Gomez, Nyles Jamerson, Armando Rivera, Stephen Borchers

Cal. Gas Exp. Date: 2-2029

Date: 9-19-25 Instrument Used: TSI Probes (1-7) Grid Spacing: 25

Temperature: 73° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
245	EG	0715	0740	6.1	333	0	1	13	
246	EG	0740	0805	8.8		0	1	12	muddy slope
247	EG	0805	0830	5.1		1	1	4	
248	EG	0830	0855	6.4		1	1	12	
249	EG	0855	0920	5.3		1	2	12	
16	EG	0945	1010	5.7		1	2	4	slope
144	EG	1010	1035	5.4		4	5	4	
143	EG	1035	1100	4.9		3	4	4	
113	EG	1100	1125	2.8		3	4	4	
185	EG	1125	1150	4.4		3	5	16	
225	NT	0730	0755	6.8		0	1	12	steep
224	NT	0755	0820	9.5		1	2	4	
223	NT	0820	0845	6.2		1	1	2	
222	NT	0845	0910	7.5		0	1	12	
221	NT	0910	0935	8.9		1	2	4	
117	NT	0940	1005	3.9		1	2	4	High veg
118	NT	1005	1030	6.3		4	5	4	
125	NT	1030	1055	4.7		3	4	4	
124	NT	1055	1120	5.3		4	5	4	
123	NT	1120	1145	5.7		3	5	6	
244	AR	0720	0745	15.82		0	1	13	
243	AR	0745	0810	16.77		0	1	12	
242	AR	0810	0835	13.25		1	1	4	
241	AR	0835	0900	17.29		1	1	12	
240	AR	0900	0925	16.40		1	2	12	
121	AR	0945	1010	7.84		1	2	4	
122	AR	1010	1035	8.63		4	5	4	High Brush
129	AR	1035	1100	7.45		3	4	4	
136	AR	1100	1125	8.25		3	4	4	
141	AR	1125	1150	7.65		3	5	16	High Brush

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Ryley Geer, Simon Cupa, Ernest Ramirez, Erick Gomez, Myles Jamerson, Armando Rivera, Stephen Borchers

Cal. Gas Exp. Date: 2-2029

Date: 9-19-25 Instrument Used: ESS Pacers (1-7) Grid Spacing: 25

Temperature: 73° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
110	SB	0750	0815	6.84	373	1	3	3	office buildings/trees
111	SB	0815	0840	7.12		1	1	2	Slope/Hi-veg
6	SB	0840	0905	7.15		1	1	2	Dirt Hill Portable gate
8	SB	0905	0930	7.85		1	2	4	↓
134	SB	1020	1045	7.50		3	5	4	steep slope/Hi veg
135	SB	1045	1110	7.36		3	4	4	
128	SB	1110	1135	6.75		1	5	4	
127	SB	1135	1200	7.45	↓	2	6	4	↓

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Stephen Borchers _____ _____

_____ _____ _____

_____ _____ Cal. Gas Exp. Date: _____

Date: 9-19-25 Instrument Used: _____ Grid Spacing: _____

Temperature: _____ Precip: _____ Upwind BG: _____ Downwind BG: _____

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
236									construction/Equipm
235									
234									
253									
252									
251									
250									
7									
9									
13									
15									
14									

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 46 SERIAL #: 7783434

MONITORING DATE: 9-19-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 24.9 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
4.54 ppm	5.61 ppm	5.07 ppm

Background Value = 5.07 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	7
#2	24.1 ppm	20 ppm	8
#3	24.9 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.3 ppm	24.7 ppm	.7
#2	0.5 ppm	24.1 ppm	.9
#3	0.1 ppm	24.9 ppm	.1
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			2.26% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-19-25 / 0720

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INSTANTANEOUS

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 36 SERIAL #: 0332603195

MONITORING DATE: 9-19-25 TIME: 0720

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 500 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
5.67 ppm	6.13 ppm	5.85 ppm

Background Value = 5.85 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.1 ppm	20 ppm	6
#2	25 ppm	20 ppm	8
#3	24.5 ppm	20 ppm	7
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

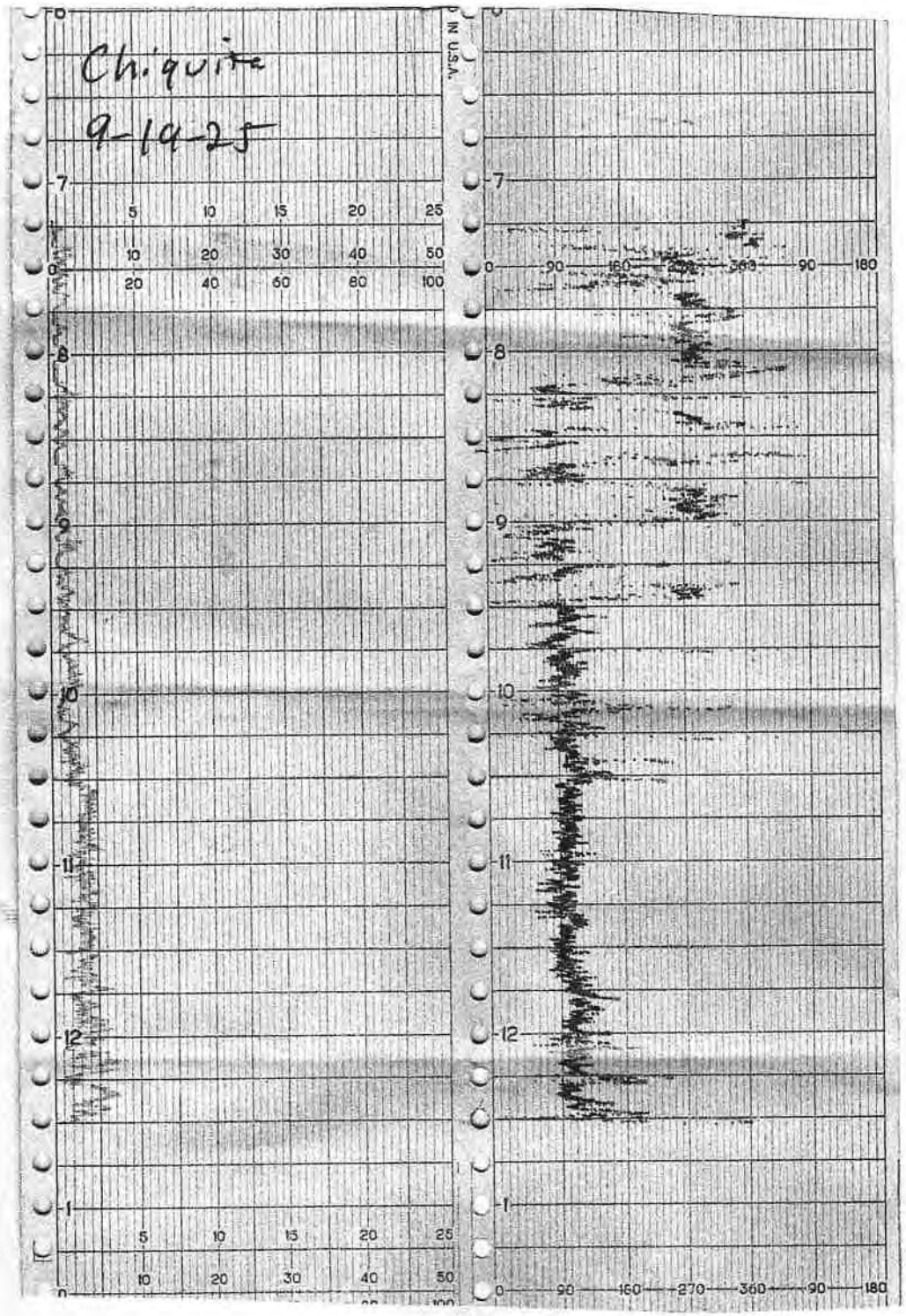
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 500 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.1 ppm	.9
#2	1.0 ppm	25 ppm	0
#3	0.3 ppm	24.5 ppm	.5
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/500 X 100/1			1.86% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-19-25 / 0720

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Joshua Wesson, Gerard Garcia, Armando Rivera, Nyles Jameson, Ernest Ramirez, Erick Gomez

Cal. Gas Exp. Date: 2-2024

Date: 9-22-25 Instrument Used: ISS Probes (1-6) Grid Spacing: 25

Temperature: 65° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
190	ER	0925	0950	4.18	333	1	2	12	too steep
191	ER	0900	0925	11.49		2	3	12	
192	ER	0835	0900	12.19		0	1	12	
193	ER	0810	0835	12.07		1	3	12	
186	ER	0745	0810	13.61		0	1	12	
187	AR	0730	0755	12.44		0	1	14	
188	AR	0755	0820	13.41		0	1	10	
189	AR	0820	0845	9.37		2	2	12	
182	AR	0845	0910	12.67		1	2	12	
183	AR	0910	0935	13.22		2	3	12	
184	NJ	0735	0800	8.3		0	0	16	
185	NJ	0800	0825	14.7		1	2	10	
178	NJ	0825	0850	11.9		2	2	12	
179	NJ	0850	0915	10.1		2	3	12	
180	NJ	095	0940	7.5		2	3	12	
145	GG	0740	0805	15.76		1	2	12	
77	GG	0805	0830	19.00		1	2	10	
78	GG	0830	0855	16.64		2	2	12	Flares Equipment
79	GG	0855	0920	15.20		2	3	12	Contact Drainage
80	GG	0920	0945	17.36		2	3	12	Cement Drainage
150	JW	0750	0815	12.20		0	1	12	
151	JW	0815	0840	11.84		2	2	12	
146	JW	0840	0905	10.43		2	4	12	
76	JW	0905	0930	7.23		2	3	12	
66	JW	0930	0955	8.89		1	2	12	
181	EG	0835	0900	12.3		1	2	12	
200	EG	0900	0925	11.8		2	3	12	
201	EG	0925	0950	10.3		1	2	12	
175	EG	0810	0835	9.7		1	3	12	
176	EG	0745	0810	11.4	✓	0	1	12	

Attach Calibration Sheet
Attach site map showing grid ID

CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Joshua Vesson, Gerard Garcia, Armando Rivera, Nyles Jamerson, Ernest Ramirez, Ericke Gomez
Cal. Gas Exp. Date: 2-2029

Date: 9-22-25 Instrument Used: ISSPaces(1-6) Grid Spacing: 25

Temperature: 65° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
147	NJ	0950	1015	20.3	333	2	3	10	active work
152	NJ	1015	1040	17.5		0	1	12	↓
157	NJ	1040	1105	14.1		2	3	10	↓
156	NJ	1105	1130	10.1		1	3	12	white Tarp, work ↓
177	NJ	1130	1155	10.8		1	2	2	↓
172	AR	1015	1040	11.08		0	1	12	
173	AR	1040	1105	12.14		2	3	10	
174	AR	1105	1130	13.62		1	3	12	
202	AR	1130	1155	12.68		1	2	2	
205	AR	1155	1220	12.97		2	6	10	
53	JW	0950	1015	13.31		2	3	10	
148	JW	1015	1040	12.40		0	1	12	
153	JW	1040	1105	2232		2	3	10	construction
158	JW	1105	1130	13.50		1	3	12	
171	JW	1130	1155	11.25		1	2	2	
81	GG	0945	1010	22.57		2	3	12	Active/Heavy Eqp.
82	GG	1010	1035	20.41		2	4	12	↓
149	GG	1035	1100	19.50		2	3	10	↓
154	GG	1100	1125	21.65		1	3	12	↓
159	GG	1125	1150	19.50		1	2	2	
166	EG	1015	1040	9.1		0	1	12	
167	EG	1040	1105	11.2		2	3	10	
170	EG	1105	1130	10.1		1	3	12	
169	EG	1130	1155	9.8		1	2	2	
168	EG	1155	1220	10.5		2	6	10	
83	ER	1015	1040	2016		0	1	12	
155	ER	1040	1105	19.27		2	3	10	
90	ER	1105	1130	12.11		1	3	12	
160	ER	1130	1155	11.12		1	2	2	
165	ER	1155	1220	10.51	↓	2	6	10	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 3 SERIAL #: 158658B4

MONITORING DATE: 9-22-25 TIME: 0730

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
8.35 ppm	9.15 ppm	8.75 ppm

Background Value = 8.75 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.7 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.3 ppm	.7
#2	0.3 ppm	24.7 ppm	.3
#3	0.5 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.3% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-22-25

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 7 SERIAL #: 0720723627

MONITORING DATE: 9-22-25 TIME: 0730

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.32 ppm	8.51 ppm	7.91 ppm

Background Value = 7.91 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24 ppm	20 ppm	6
#2	24.5 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

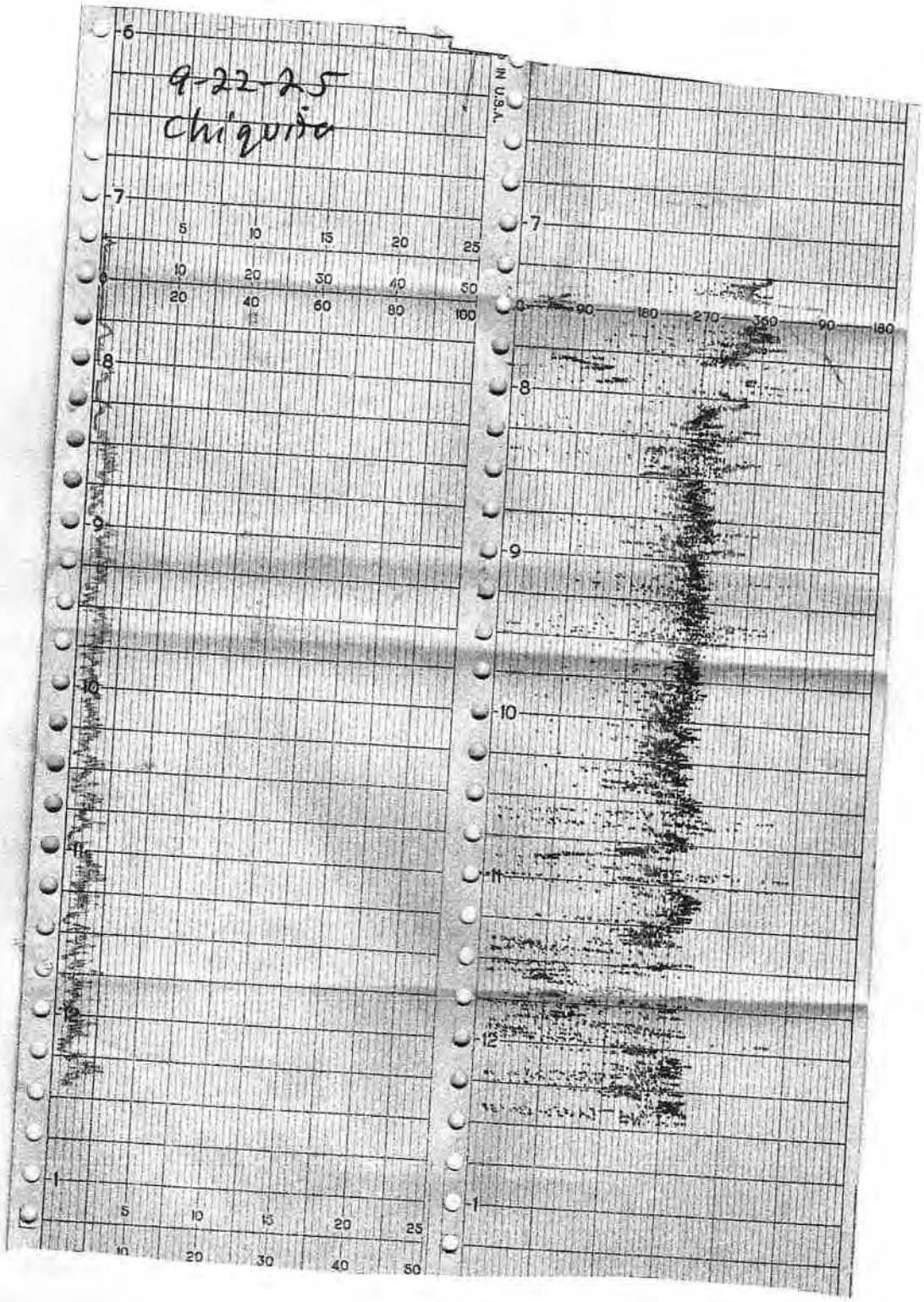
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.0 ppm	24 ppm	1
#2	0.0 ppm	24.5 ppm	.5
#3	0.3 ppm	25 ppm	0
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			2% #DIV/0! Must be less than 10%

Performed By: Stephen Barchers Date/Time: 9-22-25 / 0730

WIND SPEED & DIRECTION CHART ROLL



CHIQUITA LANDFILL
INTEGRATED LANDFILL SURFACE MONITORING

Personnel: Joshua Wesson, Gerard Garcia, Armando Rivera, Erick Gomez, Myles Jamerson, Ernest Ramirez

Cal. Gas Exp. Date: 2-2029

Date: 9-23-25 Instrument Used: ISS Packs (1-6) Grid Spacing: 25

Temperature: 84° Precip: 0 Upwind BG: 1 Downwind BG: 2

GRID ID	STAFF INITIALS	START TIME	STOP TIME	TOC PPM	ROTO-MTR, CC/MIN	WIND INFORMATION			REMARKS
						AVG SPEED	MAX. SPEED	DIRECTION	
206	JW	0750	0815	9.25	333	1	2	12	
207	JW	0815	0840	6.40		1	2	12	
208	JW	0840	0905	9.82		2	4	12	
210	JW	0905	0930	10.32		2	3	12	
215	JW	0930	0955	20.30		1	2	12	
198	GG	0745	0810	5.43		1	2	14	Piles of Dirt
212	GG	0810	0835	4.84		1	2	12	Road Plowed/Ar
211	GG	0835	0900	4.71		2	4	2	Steep Down slope
214	GG	0900	0925	4.56		1	3	12	
203	AR	0745	0810	12.72		1	2	14	
204	AR	0810	0835	12.21		1	2	12	
209	AR	0835	0900	11.14		2	4	12	
164	AR	0900	0925	12.31		2	3	12	
163	AR	0925	0950	14.02		1	2	12	
161	EG	0745	0810	7.9		1	2	14	
89	EG	0810	0835	48.64		1	2	12	
88	EG	0835	0900	5.3		2	4	2	
162	EG	0900	0925	3.6		2	3	12	
196	EG	0925	0950	4.8		1	2	12	
213	NJ	0735	0800	4.9		0	1	12	Steep Inclin
199	NJ	0800	0825	5.6		1	2	12	
197	NJ	0825	0850	4.3		2	4	12	
195	NJ	0850	0915	3.5		2	3	12	
194	NJ	0915	0940	83.69		2	3	12	
96	ER	0745	0810	8.19		1	2	14	to Steep
99	ER	0810	0835	7.24		1	2	12	
216	ER	0835	0900	6.91		2	4	2	
217	ER	0900	0925	6.75		2	3	12	

Attach Calibration Sheet
Attach site map showing grid ID

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 9 SERIAL #: 0532113801

MONITORING DATE: 9-23-25 TIME: 0745

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
7.45 ppm	8.13 ppm	7.79 ppm

Background Value = 7.79 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.5 ppm	20 ppm	7
#2	25 ppm	20 ppm	8
#3	24.1 ppm	20 ppm	6
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.5 ppm	.5
#2	1.0 ppm	25 ppm	0
#3	0.0 ppm	24.1 ppm	.9
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			1.86% #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-23-25 / 0745

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA1000 EQUIPMENT #: 32 SERIAL #: 0828539423

MONITORING DATE: 9-23-25 TIME: 0745

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 25 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
6.75 ppm	7.19 ppm	6.97 ppm

Background Value = 6.97 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	24.3 ppm	20 ppm	6
#2	24.7 ppm	20 ppm	7
#3	25 ppm	20 ppm	8
Calculate Response Time (1+2+3) / 3			7 #DIV/0! Must be less than 30 seconds

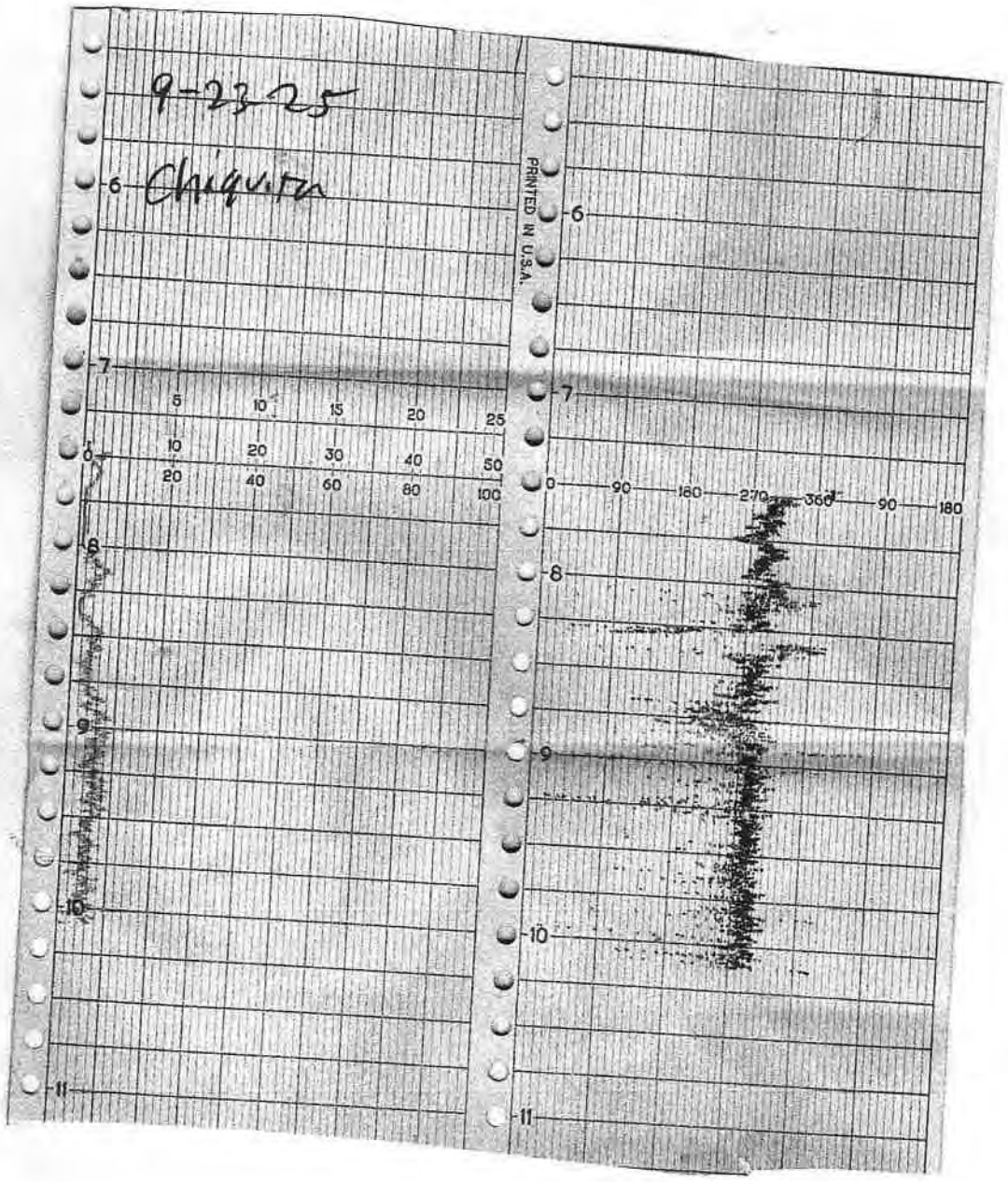
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	0.1 ppm	24.3 ppm	.7
#2	0.3 ppm	24.7 ppm	.3
#3	0.5 ppm	25 ppm	0
Calculate Precision	[STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1		1.3 % #DIV/0! Must be less than 10%

Performed By: Stephen Borchers Date/Time: 9-23-25 / 0745

WIND SPEED & DIRECTION CHART ROLL



Integrated Surface Sampling
10 Day Exceedances and Monitoring Log

Site: Chiquita Landfill

Quarter / Year:	3rd QTR/2025	4th QtR 2025
Technician:	Stephen Borchuk	Tom Lewis
Instrument:	TVA1000	TVA 1000
Calibration Standard:	25ppm	25 ppm

Initial Monitoring Event			First Re-Monitoring Event – 10 Days				Second Re-Monitoring Event – 10 Days			
Grid Number	Field Reading (ppm)	Date Monitored	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm	Remedial Work	Date Monitored	No Excd. <25 ppm	Excd. >25 ppm
89	98.64	9-23-25		10-1-25	21.40					
144	83.69	↓		↓	23.62					

RES Environmental Inc.

CALIBRATION PROCEDURE AND BACKGROUND REPORT – INTEGRATED

LANDFILL NAME: Chiquita INSTRUMENT MAKE: Thermo

MODEL: TVA 1000 EQUIPMENT #: 30 SERIAL #: 17195916

MONITORING DATE: 10-1-25 TIME: 0700

Calibration Procedure:

1. Allow instrument to zero itself while introducing air.
2. Introduce calibration gas into the probe. Stabilized reading = 26 ppm
3. Adjust meter settings to read 25 ppm.

Background Determination Procedure

Upwind Background Reading: (Highest in 30 seconds)	Downwind Background Reading: (Highest in 30 seconds)	Background Value: (Upwind + Downwind) / 2
1 ppm	3 ppm	1.5 ppm

Background Value = 1.5 ppm

INSTRUMENT RESPONSE TIME RECORD

Measurement #	Stabilized Reading Using Calibration Gas	90% of the Stabilized Reading	Time to Reach 90% of Stabilized Reading after switching from Zero Air to Calibration Gas
#1	26 ppm	23.5 ppm	12
#2	28 ppm	23.5 ppm	8
#3	25 ppm	23.5 ppm	10
Calculate Response Time (1+2+3) / 3			10 #DIV/0! Must be less than 30 seconds

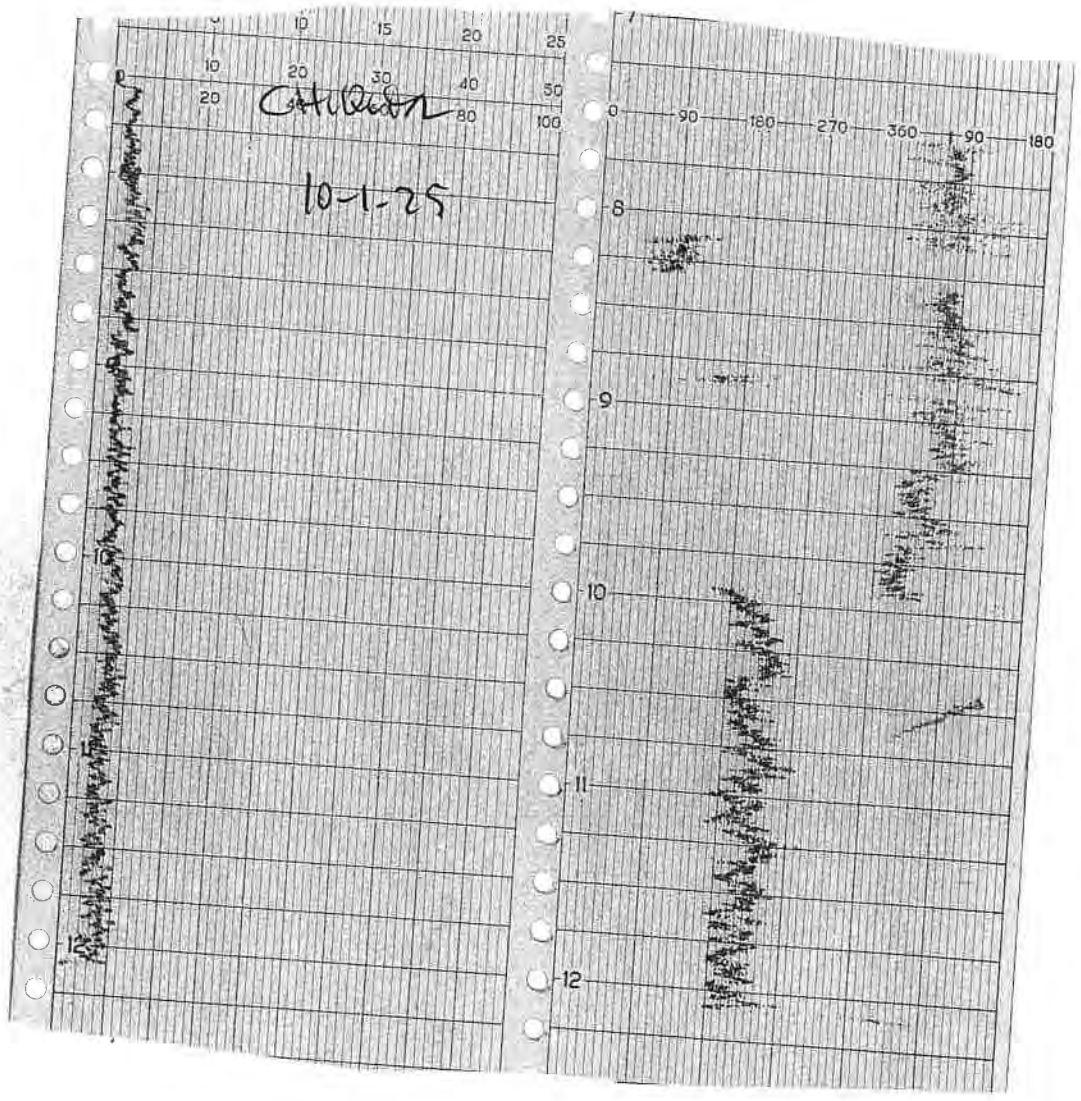
CALIBRATION PRECISION RECORD

Calibration Gas Standard = 25 ppm

Measurement #	Meter Reading for Zero Air (A)	Meter Reading for Calibration Gas (B)	Calculate Precision [STD – (B)]
#1	1.34 ppm	26 ppm	24.66
#2	1.52 ppm	28 ppm	26.48
#3	1.72 ppm	25 ppm	23.28
Calculate Precision [STD-B1] + [STD-B2] + [STD-B3] / 3 X 1/25 X 100/1			.9% #DIV/0! Must be less than 10%

Performed By: Tony Lewis Date/Time: 10-1-25

WIND SPEED & DIRECTION CHART ROLL



APPENDIX C

Ambient Air Sampling

AMBIENT AIR SAMPLES

CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) (Signature)	No. Of Containers	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample						Remarks

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 7-13-25 **PREPARED BY:** C. Roberts

SAMPLER #: _____ **RUN DATE:** 7-13/14-25

BAG INSTALLATION

BAG INSTALLED BY: C. Roberts **DATE:** 7-13-25

FLOW READING: 20 **ADJUSTED?** ( ) **NO** (X) **OPEN VALVE** (X)

TIME STARTED:

LOCAL 0900

LOCATION: AA-1

BAG REMOVAL

BAG REMOVED BY: C. Roberts **DATE:** 7-13-25

CLOSE VALVE (X) **FLOW AT END:** 20

BAG STATUS: **FULL** (X) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 2100

SAMPLER STATUS: **WORKING** (X) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (X) **BAD** ( )

COMMENTS: _____

REVIEWED BY: C. Roberts

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 7-13-25 **PREPARED BY:** C. Roberts

SAMPLER #: _____ **RUN DATE:** 7-13/14-25

BAG INSTALLATION

BAG INSTALLED BY: C. Roberts **DATE:** 7-13-25

FLOW READING: 20 **ADJUSTED?** ( ) **NO** (X) **OPEN VALVE** (X)

TIME STARTED:

LOCAL 0900

LOCATION: AA-2

BAG REMOVAL

BAG REMOVED BY: C. Roberts **DATE:** 7-14-25

CLOSE VALVE (X) **FLOW AT END:** 20

BAG STATUS: **FULL** (X) **1/2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 2100

SAMPLER STATUS: **WORKING** (X) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (X) **BAD** ( )

COMMENTS: _____

REVIEWED BY: C. Roberts

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 7-13-25 **PREPARED BY:** C. Roberts

SAMPLER #: _____ **RUN DATE:** 7-13/14-25

BAG INSTALLATION

BAG INSTALLED BY: C. Roberts **DATE:** 7-13-25

FLOW READING: 20 **ADJUSTED?** ( ) **NO** (x) **OPEN VALVE** (x)

TIME STARTED:

LOCAL 2100

LOCATION: AA-3

BAG REMOVAL

BAG REMOVED BY: C. Roberts **DATE:** 7-14-25

CLOSE VALVE (x) **FLOW AT END:** 20

BAG STATUS: **FULL** (x) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0900

SAMPLER STATUS: **WORKING** (x) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (x) **BAD** ( )

COMMENTS: _____

REVIEWED BY: C. Roberts

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 7-13-25 **PREPARED BY:** C. Roberts

SAMPLER #: _____ **RUN DATE:** 7-13/14-25

BAG INSTALLATION

BAG INSTALLED BY: C. Roberts **DATE:** 7-13-25

FLOW READING: 20 **ADJUSTED?** ( ) **NO** (X) **OPEN VALVE** (X)

TIME STARTED:

LOCAL 2100

LOCATION: AA-4

BAG REMOVAL

BAG REMOVED BY: C. Roberts **DATE:** 7-14-25

CLOSE VALVE (X) **FLOW AT END:** 20

BAG STATUS: **FULL** (X) **1/2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0900

SAMPLER STATUS: **WORKING** (X) **NOT WORKING** ( )
(Specify in comments)

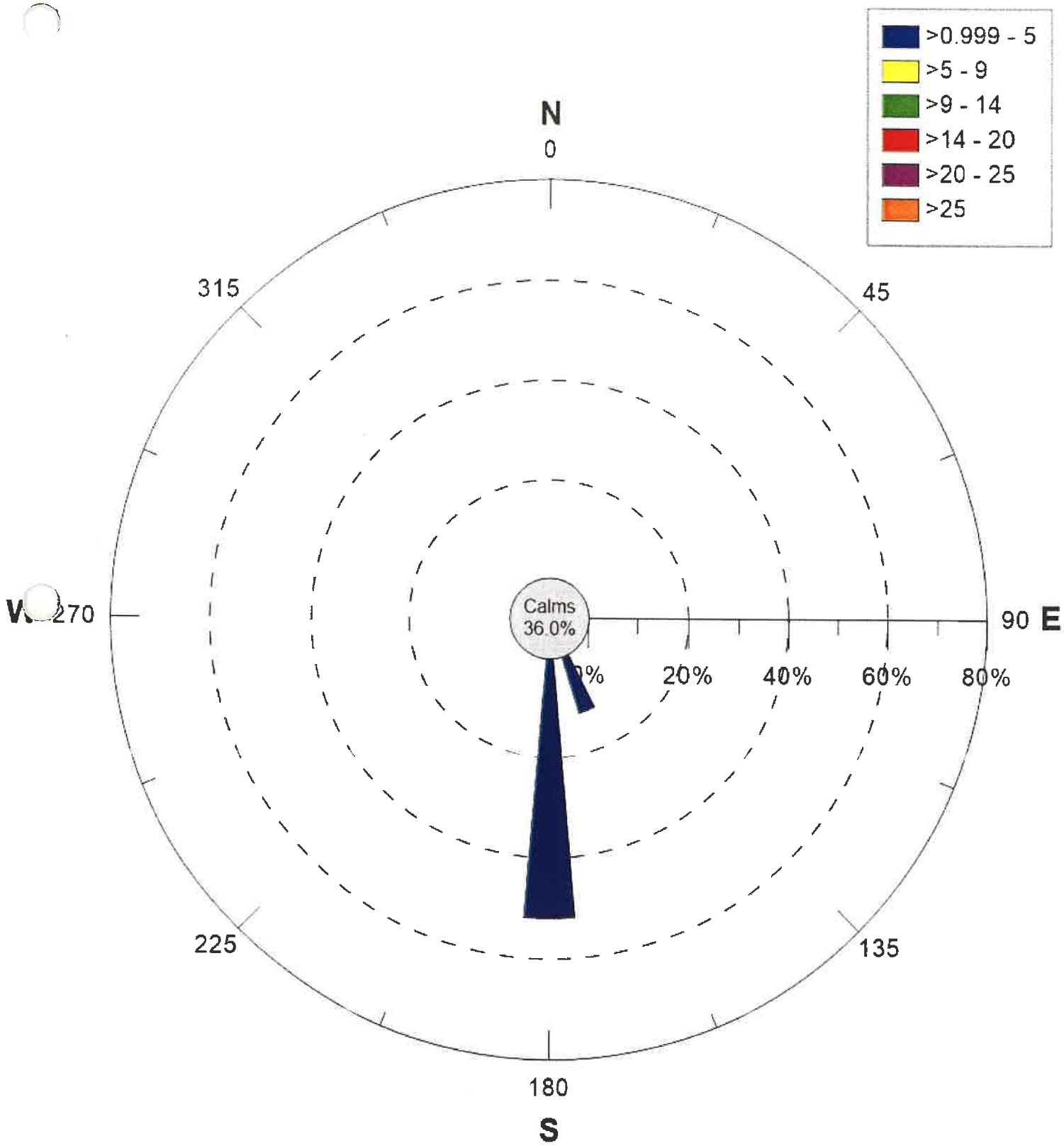
BATTERY STATUS **GOOD** (X) **BAD** ( )

COMMENTS: _____

REVIEWED BY: C. Roberts

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Chiquita Canyon Landfill
July 13, 2025 - July 14, 2025



Times from 0900 to 900
All Speeds Used

Chiquita Canyon Landfill
Joint Frequency Distribution
Times from 0900 to 900, All Speeds Used, All Stabilities Used

Wind Direction	Wind Speed (MPH) 1-5	5.1-9	9.1-14	14.1-20	20.1-25	Over 25	Total	Avg Speed
N	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0
SSE	12.0	.0	.0	.0	.0	.0	12.0	1.8
S	52.0	.0	.0	.0	.0	.0	52.0	1.5
SSW	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0
Calm							36.0	
Total	64.0	.0	.0	.0	.0	.0	100.0	1.6

Data spans July 13, 2025 at 900 to July 14, 2025 at 900 (25 valid cases)

Chiquita Canyon Landfill

Wind Direction in Degrees and Wind Speed in MPH for JULY 13 to 14, 2025

HOUR	01	02	03	04	05	06	07	08	09	10	11	12	13
DAY	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V	DDD VV.V
01													
02													
03													
04													
05													
06													
07													
08													
09													
10													
11													
12													
13									180 01.3	170 01.3	170 01.3	160 00.9	180 02.2
14	170 00.9	170 00.9	180 01.3	160 01.3	180 00.9	180 00.9	060 00.9	140 00.4	045 00.9				
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
MEAN	170 00.9	170 00.9	180 01.3	160 01.3	180 00.9	180 00.9	060 00.9	140 00.4	112 01.1	170 01.3	170 01.3	160 00.9	180 02.2
MX SPD	170 00.9	170 00.9	180 01.3	160 01.3	180 00.9	180 00.9	060 00.9	140 00.4	180 01.3	170 01.3	170 01.3	160 00.9	180 02.2
MN SPD	170 00.9	170 00.9	180 01.3	160 01.3	180 00.9	180 00.9	060 00.9	140 00.4	045 00.9	170 01.3	170 01.3	160 00.9	180 02.2

DAILY MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

DDD = Direction from which the wind is blowing, in degrees
VV.V = Wind Speed in MPH

Wind Direction in Degrees and Wind Speed in MPH for JULY 13 to 14, 2025

HOUR / DAY	14 DDD VV.V	15 DDD VV.V	16 DDD VV.V	17 DDD VV.V	18 DDD VV.V	19 DDD VV.V	20 DDD VV.V	21 DDD VV.V	22 DDD VV.V	23 DDD VV.V	24 DDD VV.V	MEAN DDD VV.V	MX SPD DDD VV.V	MN SPD DDD VV.V
01														
02														
03														
04														
05														
06														
07														
08														
09														
10														
11														
12														
13	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9		180 02.2	160 00.9
14													180 01.3	140 00.4
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
MEAN	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9	168 01.3		
MX SPD	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9		180 02.2	
MN SPD	180 02.2	160 02.2	180 01.8	180 01.3	180 01.3	180 01.3	160 01.8	170 01.8	180 01.3	180 01.3	180 00.9			140 00.4

POSSIBLE NUMBER OF OBSERVATIONS = 25 TOTAL NUMBER OF OBSERVATIONS = 25 DATA RECOVERY RATE = 100%

MONTHLY MEAN = 168 01.3 MAXIMUM WIND SPEED WAS 2.2MPH AT 180DEGREES ON 7/13 AT 1300

DAILY MEANS REQUIRE 75% VALID DATA
MISSING DATA DENOTED BY BLANKS

DDD = Direction from which the wind is blowing, in degrees
VV.V = Wind Speed in MPH

APPENDIX D

Landfill Gas Sampling

RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 9-25-25 **PREPARED BY:** Robert Johns

SAMPLER #: GSH1 **RUN DATE:** 9-25-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 9-25-25

FLOW READING: 800cc **ADJUSTED?** ( ) **NO** (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 1100

LOCATION: Inlet

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 9-25-25

CLOSE VALVE (✓) **FLOW AT END:** 800cc

BAG STATUS: **FULL** (✓) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 1110

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) (Signature)	No. Of Containers	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample							Remarks

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
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(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

APPENDIX E

Perimeter Probe Monitoring

PERIMETER GAS MONITORING DATA SHEET

Date 7-23-25 | Weather Conditions Sunny / Clear

Technician Robert Johns | Temp 63° °F

Inst. GEM | Model 5000 | Wind Speed (MPH) & Direction 3 / SW

Serial # G500530 | Barometric Pressure 30.00 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal %	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-A - 10	0931	7-23-25	0.0	0.0	20.8	79.2	6	-.09	
51	0933		0.0	0.0	20.9	79.1	19	-1.91	
102	0935		0.0	0.0	21.0	79.0	39	+.12	
151.5	0937		0.0	0.0	21.0	79.0	95	-.28	
GP-1R - 26	1050		0.0	4.8	14.2	81.0	16	+.02	
38	1053		0.0	3.3	16.2	80.5	26	+.01	
47	1055		0.0	2.7	16.9	80.5	18	+.08	
GP-2 - 15.5	0808		0.0	4.1	18.1	77.8	16	-.06	
44.5	0810		0.0	0.1	20.3	79.6	18	-.06	
53	0812		0.0	0.1	20.8	79.2	19	-.04	
GP-5 - 10	1034		0.0	3.2	16.9	77.8	6	-.05	
45	1036		0.0	0.0	21.1	78.8	18	-.12	
93	1038		0.2	12.0	0.4	87.4	64	-.27	
GP-6 - 10	1026		0.0	0.3	21.0	78.8	6	+.26	
30	1028		0.0	0.6	20.6	78.8	20	-.04	
60	1030		0.0	0.0	21.1	78.8	41	-.56	
GP-7 - 10	1016		0.0	0.2	21.0	78.8	6	-.05	
30	1018		0.0	1.0	20.1	78.9	20	-.01	
60	1020		0.0	0.0	21.0	78.9	41	-.28	
GP-8 - 10	1004		0.0	0.4	21.2	78.4	6	-.03	
60	1006		0.0	0.1	20.9	79.0	41	-.19	
120	1008		0.0	0.4	20.8	78.8	75	-.68	
GP-9 - 25	0956		0.0	0.1	21.4	78.5	16	-.14	
55	0958		0.0	0.0	21.4	78.5	20	-.08	
83	1000		0.0	0.0	21.5	78.5	51	-.03	
GP-10 - 22	0943		0.0	2.3	18.3	79.4	17	-.05	
37	0945		0.0	0.8	17.8	81.4	26	-.75	
63	0947		0.0	0.0	21.3	78.7	42	-.57	
87	0949		0.0	0.0	21.3	78.7	59	-.66	
GP-11 - 10	0920		0.0	0.4	20.1	79.5	6	-.50	
70	0922		0.0	3.7	16.2	80.1	49	+.36	
141	0924		0.0	0.0	20.4	79.5	102	-1.36	
208	0926	✓	0.0	0.6	19.2	80.2	137	-1.27	

CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

Date 7-23-25 Weather Conditions Sunny / Clear

Technician Robert Johns Temp 63 °F

Inst. GEM Model 5000 Wind Speed (MPH) & Direction 3 / SW

Serial # G500530 Barometric Pressure 30.00 in. Hg

Probe Number	Time	Date	CH4% (% Vol)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
GP-12 - 12	0907	7-23-25	0.0	0.1	19.3	80.6	4	+.01	
38	0909	"	0.0	0.0	19.5	80.4	26	-.02	
74	0911	"	0.0	0.0	19.7	80.3	50	+.01	
110	0913	"	0.0	0.0	19.9	80.0	75	-.03	
224	0915	"	0.0	0.0	20.1	79.9	171	-.03	
GP-13 - 10	0836	"	0.0	0.3	19.9	79.7	6	.0	
29	0840	"	0.0	2.7	16.5	78.8	19	-.16	
58	0848	"	5.4	15.3	0.6	78.8	39	-.98	
87	0856	"	7.7	9.6	2.0	80.7	59	-1.24	
173	0901	"	0.0	0.1	19.3	80.6	109	-.91	
GP-14 - 10	0821	"	0.0	0.0	20.7	79.2	6	-.14	
23	0823	"	0.0	0.1	20.6	79.3	15	-.25	
44	0825	"	0.0	1.8	18.5	79.8	30	-.23	
67	0827	"	0.0	3.1	14.0	82.9	46	-.95	
134	0829	"	0.0	8.6	3.6	87.8	92	-3.36	

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 7/23/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 7-23-25 **PREPARED BY:** Robert Johns

SAMPLER #: GS #1 **RUN DATE:** 7-23-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 7-23-25

FLOW READING: 8000 cc **ADJUSTED?** ( ) **NO** ( ) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0900

LOCATION: GP-13/58

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 7-23-25

CLOSE VALVE (✓) **FLOW AT END:** 8000 cc

BAG STATUS: **FULL** (✓) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0910

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( ) (Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquit Canyon Land fill **BAG #:** _____

DATE PREPARED: 7-23-25 **PREPARED BY:** Robert Johns

SAMPLER #: GS# 1 **RUN DATE:** 7-23-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 7-23-25

FLOW READING: 800cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0910

LOCATION: GP-13/87

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 7-23-25

CLOSE VALVE (✓) **FLOW AT END:** 800cc

BAG STATUS: **FULL** (✓) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0920

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) (Signature)	No. Of Containers	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample						Remarks

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
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(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

101

Date 8-1-25 | Weather Conditions Sunny / Clear

Technician Robert Johns | Temp 77° °F

Inst. GFM Model 5000 | Wind Speed (MPH) & Direction 3 SW

Serial # G500530 | Barometric Pressure 30.02 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-12 - 12							4		
38							26		
74							50		
110							75		
224							171		
GP-13 - 10							6		
29							19		1st Ten day
58	1158	8-1-25	4.7	16.7	0.4	78.2	39	-.87	recheck for
87	1202	8-1-25	1.6	19.4	1.2	77.8	59	-1.35	7-23-25
173							109		
GP-14 - 10							6		
23							15		
44							30		
67							46		
134							92		

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 8/1/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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CHIQUITA CANYON

H_2S READING

DATE: 7-23-25

PERSONEL: Robert Johns

INSTRUMENT USED: Drager Pump

DATE CALIBRATED: —

TIME	H_2S (PPM)	COMMENTS
1110	15 ppm	—

PERIMETER GAS MONITORING DATA SHEET

Date 8-19-25
Technician Robert Johns
Inst. GEM Model 5000
Serial # G500530

Weather Conditions Sunny
Temp 81° °F
Wind Speed (MPH) & Direction 2 SW
Barometric Pressure 29.99 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal %	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-A - 10	0953	8-19-25	0.0	0.0	20.8	79.1	6	-.33	
51	0955		0.0	0.0	20.8	79.1	19	-1.52	
102	0957		0.0	0.0	20.6	79.3	39	-.06	
151.5	0959		0.0	0.0	20.6	79.4	95	-.30	
GP-1R - 26	1111		0.0	0.4	17.8	81.8	16	.0	
38	1114		0.0	0.1	20.1	79.8	26	-.02	
47	1118		0.0	0.1	20.5	79.4	18	+.01	
GP-2 - 15.5	0750		0.0	0.4	20.5	79.0	16	-.10	
44.5	0752		0.0	0.1	21.1	78.9	18	-.06	
53	0754		0.0	0.9	20.1	79.0	19	-.18	
GP-5 - 10	1100		0.0	2.3	16.9	78.8	6	-.02	
45	1102		0.0	0.0	20.7	79.3	18	-.04	
93	1104		0.0	11.1	2.1	86.7	64	-.16	
GP-6 - 10	1053		0.0	0.2	20.5	79.3	6	-.01	
30	1055		0.0	0.6	20.1	79.3	20	-.06	
60	1057		0.0	0.0	20.6	79.3	41	-.44	
GP-7 - 10	1046		0.0	0.2	20.5	79.3	6	-.05	
30	1048		0.0	1.1	19.6	79.3	20	-.01	
60	1050		0.0	0.0	20.7	79.3	41	+.07	
GP-8 - 10	1035		0.0	0.4	20.4	79.2	6	-.03	
60	1037		0.0	0.3	19.4	80.3	41	-.10	
120	1039		0.0	0.3	20.1	79.6	75	-.72	
GP-9 - 25	1020		0.0	0.0	20.3	79.6	16	-.04	
55	1026		0.0	0.1	20.4	79.5	20	-.02	
83	1028		0.0	0.0	20.7	79.3	51	-.05	
GP-10 - 22	1005		0.0	2.4	17.9	79.7	17	-.11	
37	1007		0.0	0.8	17.3	81.9	26	-.72	
63	1009		0.0	0.0	20.7	79.3	42	-.26	
87	1011		0.0	0.0	20.6	79.4	59	-.50	
GP-11 - 10	0939		0.0	0.6	20.5	79.0	6	-.34	
70	0941		0.0	5.9	14.0	80.1	49	-.67	
141	0943		0.0	0.0	21.0	79.0	102	-1.19	
208	0947	✓	0.0	0.3	20.1	79.6	137	-.98	

CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

101

Date 8-19-25 | Weather Conditions Sunny

Technician Robert Johns | Temp 81° F

Inst. GEM Model 5000 | Wind Speed (MPH) & Direction 2 SW

Serial # G520530 | Barometric Pressure 29.99 In. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-12 - 12	0909	8-19-25	0.0	0.1	19.6	80.3	4	+.24	
38	0911		0.0	0.0	19.8	80.2	26	+.04	
74	0913		0.0	0.1	19.7	80.2	50	-.07	
110	0915		0.0	0.0	20.0	80.0	75	-.02	
224	0917		0.0	0.1	19.9	80.0	171	+.02	
GP-13 - 10	0848		0.0	1.1	16.1	80.8	6	-.03	
29	0850		0.0	5.8	12.5	81.7	19	-.05	
58	0855		17.7	12.5	0.5	69.3	39	-.56	
87	0900		19.3	11.1	0.8	68.8	59	-1.06	
173	0904		0.0	0.1	19.6	80.3	109	-.74	
GP-14 - 10	0802		0.0	0.1	21.1	78.9	6	-.12	
23	0804		0.0	0.1	21.0	78.9	15	-.18	
44	0806		0.0	1.8	18.1	80.1	30	-.24	
67	0806	X	0.0	4.6	10.5	84.9	46	-.58	
134	0810		0.0	0.2	20.4	79.3	92	-2.41	

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 8/19/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

101

Date 8-29-25 Weather Conditions Sunny

Technician Robert Johns Temp 91° °F

Inst GEM Model 5000 Wind Speed (MPH) & Direction 4 NE

Serial # G500530 Barometric Pressure 29.99 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-12 - 12							4		
38							26		
74							50		
110							75		
224							171		
GP-13 - 10		8-29-25					6		1st 10 day recheck
29		↓					19		for 8-19-25
58	0951		15.9	7.1	1.1	75.9	39	-.54	Monitoring
87	0954		8.3	8.7	1.2	81.8	59	-.67	
173							109		
GP-14 - 10							6		
23							15		
44							30		
67							46		
134							92		

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 8/29/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

101

Date 9-8-25

Technician Robert Johns

Inst. GEM Model 5000

Serial # G500330

Weather Conditions Sunny & Clear

Temp 820 °F

Wind Speed (MPH) & Direction 3 SW

Barometric Pressure 28.84 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-12 - 12							4		
38							26		
74							50		
110							75		
224							171		
GP-13 - 10		9-8-25					6		2nd 10 day
29		↓					19		recheck for
58	0859		13.7	3.9	13.3	69.1	39	-.47	8-19-25
87	0903		5.9	7.9	5.1	81.1	59	-.82	monitoring
173		↓					109		
GP-14 - 10							6		
23							15		
44							30		
67							46		
134							92		

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 9/8/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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CHIQUITA CANYON LANDFILL (Title 27)
PERIMETER GAS MONITORING DATA SHEET

Date 8-19-25 / 8-20-25
Technician Richard Elms
Inst. GEM Model 5000
Serial # G5000530
Weather Conditions Sunny
Temp. 81°/66°F
Wind Speed (MPH) & Direction 2 SW / 2 SW
Barometric Pressure 29.99 / 28.72 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. (PUMPS)	Pressure (+/- in. w.c.)	Comments
GP-A - 10	0953	8-19-25	0.0	0.0	20.8	79.1	6	-.33	
51	0955		0.0	0.0	20.8	79.1	19	-1.52	
102	0957		0.0	0.0	20.6	79.3	39	-.08	
151.5	0959	↓	0.0	0.0	20.6	79.4	95	-.30	
GP-2 - 15.5	0750	8-19-25	0.0	0.4	20.5	79.0	16	-.10	
44.5	0752		0.0	0.1	21.1	78.9	18	-.06	
53	0754	↓	0.0	0.9	20.1	79.0	19	-.18	
GP-8 - 10	1035		0.0	0.4	20.4	79.2	6	-.03	
60	1037		0.0	0.3	19.4	80.3	41	-.10	
120	1039		0.0	0.3	20.1	79.6	75	-.72	
GP-9 - 25	1020		0.0	0.0	20.3	79.6	16	-.04	
55	1026		0.0	0.1	20.4	79.5	20	-.02	
83	1028		0.0	0.0	20.7	79.3	51	-.05	
GP-10 - 22	1005		0.0	2.4	17.9	79.7	17	-.11	
37	1007		0.0	0.8	17.3	81.9	26	-.72	
63	1009		0.0	0.0	20.7	79.3	42	-.28	
87	1011		0.0	0.0	20.6	79.4	59	-.50	
GP-11 - 10	0939		0.0	0.6	20.5	79.0	6	-.34	
70	0941		0.0	5.9	14.0	80.1	49	-.67	
141	0943		0.0	0.0	21.0	79.0	102	-1.19	
208	0947		0.0	0.3	20.1	79.6	137	-.98	
GP-12 - 12	0909		0.0	0.1	19.6	80.3	4	+.24	
38	0911		0.0	0.0	19.8	80.2	20	+.04	
74	0913		0.0	0.1	19.7	80.2	50	-.07	
110	0915		0.0	0.0	20.0	80.0	75	-.02	
224	0917		0.0	0.1	19.9	80.0	171	+.02	
GP-13 - 10	0848		0.0	1.1	18.1	80.8	9	-.03	
29	0850		0.0	5.8	12.5	81.7	19	-.08	
58	0855		17.7	12.5	0.5	69.3	39	-.56	
87	0900		19.3	11.1	0.8	68.8	59	-1.06	
173	0904	↓	0.0	0.1	19.6	80.3	109	-.14	

CHIQUITA CANYON LANDFILL (Title 27)
PERIMETER GAS MONITORING DATA SHEET

Date 8-19-25 | Weather Conditions Sunny

Technician Robert Johns | Temp. 81° °F

Inst. GEM | Model 5000 | Wind Speed (MPH) & Direction 2 SW

Serial # G5005300 | Barometric Pressure 29.97 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. (PUMPS)	Pressure (+/- in. w.c.)	Comments
GP-14 - 10	0802	8-19-25	0.0	0.1	21.1	78.9	6	-.12	
23	0804	"	0.0	0.1	21.0	78.9	15	-.18	
44	0806	"	0.0	1.8	18.1	80.1	30	-.24	
67	0808	"	0.0	4.6	10.5	84.9	46	-.58	
134	0810	↓	0.0	0.2	20.4	79.3	92	-2.41	
GP-15 - 10	0832	8-19-25	30.0	69.3	0.6	0.1	6	-.07	
40	0826	"	25.5	74.1	0.4	0.0	19	-.07	
60	0832	"	25.2	56.8	0.4	17.6	39	-.39	
90	0836	"	40.1	59.5	0.4	0.0	59	-.01	
115	0839	↓	44.5	45.1	2.3	8.1	109	+.29	
GP-16 - 10	0853	8-20-25	0.0	1.1	16.9	80.0	4	-.01	
85	0855	"	0.0	2.5	15.1	82.4	26	-.06	
154	0857	"	0.0	0.2	14.6	85.3	50	-.33	
210	0859	"	0.0	0.2	16.6	81.3	75	-.36	
255	0901	"	0.0	0.1	20.0	79.9	171	-.35	
GP-17 - 10	0823	"	0.0	0.6	18.3	81.1	4	-.09	
55	0842	"	0.0	0.5	17.8	81.7	26	-.12	
105	0844	"	0.0	0.3	17.2	82.5	50	-.19	
149	0846	"	0.0	0.1	16.7	83.2	75	-.36	
235	0848	"	0.0	0.1	20.0	79.9	121	-.44	
GP-18 - 10	0800	"	0.0	0.3	21.0	78.8	6	-.11	
38	0802	"	0.0	0.1	21.1	78.8	9	-.13	
58	0804	"	0.0	0.8	19.7	79.5	39	-.18	
86	0806	"	0.0	0.4	19.8	79.7	59	-.31	
115	0806	"	0.0	0.2	11.4	88.4	109	-.48	
GP-19 - 10	1031	"	0.0	2.6	17.2	80.0	6	+.04	
84	1032	"	0.3	12.7	0.5	86.5	41	+.03	
116	1034	"	0.0	9.9	3.1	87.0	73	+.06	
GP-20 - 60	1024	"	0.0	3.7	16.2	80.1	6	+.04	
105	1026	"	0.0	6.3	11.1	80.6	41	+.25	
173	1028	↓	0.0	7.0	12.5	80.6	73	.0	

CHIQUITA CANYON LANDFILL (Title 27)
PERIMETER GAS MONITORING DATA SHEET

Date 8-20-25
Technician Robert Johns
Inst. GFM Model 5000
Serial # G-500530

Weather Conditions Sunny
Temp. 860 °F
Wind Speed (MPH) & Direction 2 SW
Barometric Pressure 28.72 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. (PUMPS)	Pressure (+/- in. w.c.)	Comments
GP-21 - 10	1015	8-20-25	0.0	0.1	20.0	79.9	6	+.02	
90	1017	"	0.0	1.0	19.1	79.9	46	-.23	
232	1019	"	0.0	0.0	20.1	79.9	170	-.02	
GP-22 - 50	1004	"	0.0	0.7	19.3	79.9	6	+.07	
155	1006	"	0.0	0.2	16.5	81.3	60	-.21	
305	1008	"	0.0	0.0	20.2	79.8	200	-.32	
GP-23 - 35	0951	"	0.0	2.5	18.0	79.5	6	-.02	
77	0953	"	0.0	5.0	13.9	81.1	50	-.05	
132	0955	"	0.0	2.2	15.4	82.4	71	-.27	
GP-24 - 12	0936	"	0.0	1.0	19.9	79.1	6	+.02	
40	0938	"	0.0	3.2	17.2	79.6	19	-.07	
70	0940	"	0.0	0.2	20.6	79.2	47	-.01	
GP-25 - 14	0921	"	0.0	0.8	20.1	79.1	6	-.05	
50	0923	"	0.0	0.5	19.7	79.8	39	-.03	
80	0925	"	0.0	0.1	20.7	79.2	52	-.01	

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 8/19/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 8/20/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 8/29/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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CHIQUITA CANYON LANDFILL (Title 27)
PERIMETER GAS MONITORING DATA SHEET

Date 8-29-25 | Weather Conditions Sunny

Technician Robert Johns | Temp. 91° °F

Inst. GEM | Model 5000 | Wind Speed (MPH) & Direction 4 NE

Serial # G500530 | Barometric Pressure 29.99 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. (Sec.)	Pressure (+/- in. w.c.)	Comments
GP-14 - 10							25		
23							59		
44							113		
67							173		
134							346		
GP-15 - 10	0939	8-29-25	28.7	69.9	0.9	0.5	26	-.01	1st 10 day recheck
40	0941	↓	26.1	73.8	0.1	0.0	103	-.02	for 8-19-25
60	0943		26.2	57.9	0.5	15.4	150	-.65	Monitoring
90	0945		41.9	56.2	0.7	1.2	229	.0	
115	0947		47.2	49.8	0.9	2.1	287	+.40	
GP-16 - 10							26		
85							221		
154							387		
210							980		
255							1,200		
GP-17 - 10							26		
55							162		
105							280		
149							380		
235							1,150		
GP-18 - 10							26		
38							100		
58							147		
86							224		
115							287		
GP-19 - 10							26		
84							221		
116							287		
GP-20 - 60							160		
105							280		
173							135		

CHIQUITA CANYON LANDFILL (Title 27)
PERIMETER GAS MONITORING DATA SHEET

Date 9-8-25 | Weather Conditions Sunny & Clear

Technician Robert Johns | Temp. 82° °F

Inst. GEM Model 5000 | Wind Speed (MPH) & Direction 3 SW

Serial # G500530 | Barometric Pressure 28.84 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. (PUMPS)	Pressure (+/- in. w.c.)	Comments
GP-14 - 10							6		
23							15		
44							30		
67							46		
134							92		
GP-15 - 10	0848	9-8-25	29.5	69.5	0.9	0.0	6	+.08	2nd 10 day
40	0850	↓	25.7	73.5	0.8	0.0	19	+.01	recheck for
60	0852		25.6	59.8	0.9	13.7	39	+.01	8-19-25
90	0854		43.9	55.3	0.8	0.0	59	+.10	monitoring
115	0856	↓	47.7	52.1	0.1	0.1	109	+.55	
GP-16 - 10							4		
85							26		
154							50		
210							75		
255							171		
GP-17 - 10							4		
55							26		
105							50		
149							75		
235							121		
GP-18 - 10							6		
38							9		
58							39		
86							59		
115							109		
GP-19 - 10							6		
84							41		
116							73		
GP-20 - 60							6		
105							41		
173							73		

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 9/8/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 8-29-25 **PREPARED BY:** Robert Johns

SAMPLER #: GS#1 **RUN DATE:** 8-29-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 8-29-25

FLOW READING: 6000 cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0855

LOCATION: GP-13 / 58

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 8-29-25

CLOSE VALVE (✓) **FLOW AT END:** 8000 cc

BAG STATUS: **FULL** (✓) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0905

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 8-29-25 **PREPARED BY:** Robert Johns

SAMPLER #: GS#1 **RUN DATE:** 8-29-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 8-29-25

FLOW READING: 600 cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0905

LOCATION: GP-13 / 87

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 8-29-25

CLOSE VALVE (✓) **FLOW AT END:** 800 cc

BAG STATUS: **FULL** (✓) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0915

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( ) **(Specify in comments)**

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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CHAIN OF CUSTODY RECORD

Client/Project Name	Project Location	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) (Signature)	No. Of Containers	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample							Remarks

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
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(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 8-29-25 **PREPARED BY:** Robert Helms

SAMPLER #: GS#1 **RUN DATE:** 8-29-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Helms **DATE:** 8-29-25

FLOW READING: 6000 cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0500

LOCATION: GP-15 / 10'

BAG REMOVAL

BAG REMOVED BY: Robert Helms **DATE:** 8-29-25

CLOSE VALVE (✓) **FLOW AT END:** 8000 cc

BAG STATUS: **FULL** (✓) **1 / 2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0810

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 8-29-25 **PREPARED BY:** Robert Helms

SAMPLER #: GS#1 **RUN DATE:** 8-29-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Helms **DATE:** 8-29-25

FLOW READING: 800 cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0810

LOCATION: GP-15/40'

BAG REMOVAL

BAG REMOVED BY: Robert Helms **DATE:** 8-29-25

CLOSE VALVE (✓) **FLOW AT END:** 800 cc

BAG STATUS: **FULL** (✓) **1/2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0820

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( ) (Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 8-29-25 **PREPARED BY:** Robert Adams

SAMPLER #: GS#1 **RUN DATE:** 8-29-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Adams **DATE:** 8-29-25

FLOW READING: 600 cc **ADJUSTED?** ( ) **NO** (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0820

LOCATION: GP-15/60'

BAG REMOVAL

BAG REMOVED BY: Robert Adams **DATE:** 8-29-25

CLOSE VALVE (✓) **FLOW AT END:** 8000 cc

BAG STATUS: **FULL** (✓) **1/2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0830

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( ) (Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 8-29-25 **PREPARED BY:** Robert Helms

SAMPLER #: GS#1 **RUN DATE:** 8-29-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Helms **DATE:** 8-29-25

FLOW READING: 800 cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0830

LOCATION: GP-15/90'

BAG REMOVAL

BAG REMOVED BY: Robert Helms **DATE:** 8-29-25

CLOSE VALVE (✓) **FLOW AT END:** 800 cc

BAG STATUS: **FULL** (✓) **1/2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0840

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( ) (Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 8-29-25 **PREPARED BY:** Robert Helms

SAMPLER #: GS#1 **RUN DATE:** 8-29-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Helms **DATE:** 8-29-25

FLOW READING: 600 cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0840

LOCATION: GP-15/115

BAG REMOVAL

BAG REMOVED BY: Robert Helms **DATE:** 8-29-25

CLOSE VALVE (✓) **FLOW AT END:** 800 cc

BAG STATUS: **FULL** (✓) **1/2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0850

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

CHAIN OF CUSTODY RECORD

Client/Pro Name	Project Location	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) (Signature)	No. Of Containers	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample						Remarks

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

PERIMETER GAS MONITORING DATA SHEET

101

Date 9-23-25

Technician Robert Julius

Inst. GEM Model 5000

Serial # G50C530

Weather Conditions Partly Cloudy

Temp 78 °F

Wind Speed (MPH) & Direction 3 / E

Barometric Pressure 29.86 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal %	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-A - 10	0917	9-23-25	0.0	0.1	20.1	79.9	6	-.28	
51	0919		0.0	0.0	20.5	79.5	19	-1.64	
102	0923		0.0	0.0	20.3	79.6	39	+.23	
151.5	0925		0.0	0.0	20.3	79.7	95	-.18	
GP-1R - 26	1048		0.0	0.2	18.2	81.5	16	+.08	
38	1050		0.0	0.1	20.1	79.8	26	+.07	
47	1052		0.0	0.1	20.5	79.4	18	+.08	
GP-2 - 15.5	0738		0.0	0.1	20.8	79.1	16	+.02	
44.5	0740		0.0	2.5	17.8	79.6	18	+.06	
53	0742		0.0	0.0	20.9	79.1	19	-.05	
GP-5 - 10	1032		0.0	2.1	19.0	76.9	6	+.07	
45	1035		0.0	0.0	20.6	79.2	18	+.08	
93	1036		0.0	10.4	4.1	85.4	64	-.02	
GP-6 - 10	1023		0.0	0.3	20.3	79.4	6	+.05	
30	1025		0.0	0.6	20.0	79.3	20	+.19	
60	1028		0.0	0.3	20.4	79.3	41	+.12	
GP-7 - 10	1016		0.0	0.2	20.4	79.4	6	+.10	
30	1018		0.0	1.2	19.0	79.8	20	+.11	
60	1020		0.0	0.5	19.3	80.2	41	-.10	
GP-8 - 10	1004		0.0	0.4	20.5	79.1	6	+.07	
60	1006		0.0	0.5	18.6	80.9	41	+.07	
120	1008		0.0	0.6	19.8	79.5	75	-.05	
GP-9 - 25	0955		0.0	1.3	19.2	79.5	16	+.04	
55	0957		0.0	0.0	21.0	79.0	20	+.06	
83	0959		0.0	0.0	21.0	78.9	51	+.05	
GP-10 - 22	0931		0.0	2.4	17.6	80.0	17	+.04	
37	0933		0.0	1.1	16.5	82.1	26	-.49	
63	0935		0.0	0.0	20.2	79.7	42	-.36	
87	0937		0.0	0.0	20.4	79.6	59	-.37	
GP-11 - 10	0902		0.0	0.7	19.8	79.5	6	-.19	
70	0904		0.0	1.5	19.1	79.4	49	-.54	
141	0907		0.0	4.2	6.2	89.5	102	-.21	
208	0911		0.2	6.7	6.0	87.1	137	-.27	

CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

Date 9-23-25 Weather Conditions Partly Cloudy

Technician Robert Delos Temp 780 °F

Inst. GEM Model 5000 Wind Speed (MPH) & Direction 3 / E

Serial # G500530 Barometric Pressure 29.86 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-12 - 12	0843	9-23-25	0.0	0.4	19.7	79.9	4	+.08	
38	0846		0.0	0.1	20.1	79.8	26	+.08	
74	0848		0.0	0.1	20.2	79.7	50	+.14	
110	0850		0.0	0.1	20.3	79.6	75	+.08	
224	0852		0.0	0.1	20.3	79.6	171	+.13	
GP-13 - 10	0810		0.0	1.4	18.9	79.7	6	+.02	
29	0813		0.0	9.7	5.9	81.3	19	+.03	
58	0820		36.4	11.8	0.4	51.4	39	-.02	
87	0826		7.4	10.3	0.5	81.7	59	-.49	
173	0834		13.7	4.3	2.6	79.3	109	+.38	
GP-14 - 10	0750		0.0	0.1	20.9	79.0	6	-.01	
23	0752		0.0	0.1	20.9	79.0	15	-.13	
44	0754		0.0	1.9	16.3	79.7	30	-.14	
67	0757		0.0	4.4	12.3	83.3	46	-.43	
134	0759	↓	0.0	8.5	3.3	88.3	92	-2.01	

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 9/23/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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1st 10 day recheck

CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

101

Date 10-2-25 Weather Conditions Sunny & Clear

Technician Robert Johns Temp 66° °F

Inst GEM Model 5000 Wind Speed (MPH) & Direction E

Serial # 450530 Barometric Pressure 30.06 in. Hg

Probe Number	Time	Date	CH4% (% Vol)	CO2%	O2%	Bal %	Evac. Pumps	Pressure (+/- in. w.c.)	Comments
GP-12 - 12							4		
38							26		
74							50		
110							75		
224							171		
GP-13 - 10							6		1st 10 day recheck
29							19		for 9-25-25
58	0925	10-2-25	19.2	12.7	0.3	67.8	39	-.45	Probe Monitoring
87	0927	↓	8.4	10.1	11.3	70.2	59	-1.15	
173	0929	↓	6.7	4.2	2.7	86.4	109	-.67	
GP-14 - 10							6		
23							15		
44							30		
67							46		
134							92		

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 9/25/2025

SITE: CHIQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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CHIQUITA CANYON LANDFILL (1150.1)
PERIMETER GAS MONITORING DATA SHEET

Date 10-9-25 Weather Conditions Partly Cloudy

Technician Richard Johns Temp 71° °F

Inst. GEM Model 5000 Wind Speed (MPH) & Direction 3 N

Serial # G500530 Barometric Pressure 29.88 in. Hg

Probe Number	Time	Date	CH4% (% Vol.)	CO2%	O2%	Bal.%	Evac. Pumps	Pressure (+/- in w.c.)	Comments
GP-12 - 12							4		
38							26		
74							50		
110							75		
224							171		
GP-13 - 10		10-9-25					6		2nd 10 day
29		↓					19		recheck for
58	0853		9.9	13.5	0.5	76.1	39	-.88	9-23-25
87	0856		5.8	10.2	0.7	83.2	59	-1.20	monitoring
173	0859	↓	0.0	0.1	20.3	79.6	109	-.61	
GP-14 - 10							6		
23							15		
44							30		
67							46		
134							92		

Evac. Pumps: Divide value by 3.78 (26) = Liters to gallons

RES Environmental Inc.

GEM 5000 CALIBRATION

TECHNICIAN: ROBERT JOHNS

CALIBRATION DATE: 10/9/2025

SITE: CHQUITA CANYON LANDFILL

TIME: 5:00AM

GEM 5000 SERIAL #: G500530

		UNCORRECTED READING	CORRECTED READING
CH_4	15%	15%	15%
CO_2	15%	15%	15%
O_2	4%	4%	4%

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 9-25-25 **PREPARED BY:** Robert Johns

SAMPLER #: GSH1 **RUN DATE:** 9-25-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 9-25-25

FLOW READING: 800cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0820

LOCATION: GP-13/58

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 9-25-25

CLOSE VALVE (✓) **FLOW AT END:** 800cc

BAG STATUS: FULL (✓) 1/2 FULL ( ) EMPTY ( )

TIME ENDED:

LOCAL 0830

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 9-25-25 **PREPARED BY:** Robert Johns

SAMPLER #: GSH1 **RUN DATE:** 9-25-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 9-25-25

FLOW READING: 800cc **ADJUSTED?** ( ) NO (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0830

LOCATION: GP-13 / 87'

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 9-25-25

CLOSE VALVE (✓) **FLOW AT END:** 800cc

BAG STATUS: FULL (✓) 1/2 FULL ( ) EMPTY ( )

TIME ENDED:

LOCAL 0840

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( )
(Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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RES Environmental Inc.

BAG SAMPLER QUALITY CONTROL

PROJECT / SITE: Chiquita Canyon Landfill **BAG #:** _____

DATE PREPARED: 9-25-25 **PREPARED BY:** Robert Johns

SAMPLER #: GSH1 **RUN DATE:** 9-25-25

BAG INSTALLATION

BAG INSTALLED BY: Robert Johns **DATE:** 9-25-25

FLOW READING: 800cc **ADJUSTED?** ( ) **NO** (✓) **OPEN VALVE** (✓)

TIME STARTED:

LOCAL 0840

LOCATION: GP-13 / 175'

BAG REMOVAL

BAG REMOVED BY: Robert Johns **DATE:** 9-25-25

CLOSE VALVE (✓) **FLOW AT END:** 800cc

BAG STATUS: **FULL** (✓) **1/2 FULL** ( ) **EMPTY** ( )

TIME ENDED:

LOCAL 0850

SAMPLER STATUS: **WORKING** (✓) **NOT WORKING** ( ) (Specify in comments)

BATTERY STATUS **GOOD** (✓) **BAD** ( )

COMMENTS: _____

REVIEWED BY: _____

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CHAIN OF CUSTODY RECORD

Client/Pr . Name	Project Location	ANALYSES
Project No.	Field Logbook No.	
Sampler: (Print) (Signature)	No. Of Containers	

Sample No./ Identification	Date	Time	Lab Sample Number	Type of Sample							Remarks
					X	X	X				
					X	X	X				
					X	X	X				

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received for Laboratory: (Signature)	Date	Time
Sample Disposal Method:	Disposed of by: (Signature)			Date	Time

Sample Collector

RES Environmental Inc.
865 Via Lata • Colton, California 92324
(909) 422-1001 Fax (909) 422-0707

Analytical Laboratory

APPENDIX H

STANDARD OBSERVATIONS

4050 Monthly Dry SWPPP and SPCC Plan Visual Observation Form

20 Aug 2025 / John Boucher

Complete

Score	1 / 1 (100%)	Flagged items	0	Actions	0

Site conducted	4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on	20 Aug 2025 3:16 PM PDT
Inspector Name	John Boucher
Inspector Title	Operations specialist
Weather Conditions	Sunny

Untitled Page	
East Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
South Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
All Operations	
Is equipment serviced outside of maintenance area or on the active face minimized during wet weather?	Yes
Are paved areas of the facility vacuum swept weekly?	Yes
Are loose absorbents deployed over spills cleaned up after each use and disposed of properly?	Yes
Erosion and Sediment	
Is stormwater properly diverted around active fill area and soil stockpile?	Yes
Is a stormwater conveyance system to divert runoff around material storage areas and convey runoff installed and maintained?	Yes
Are sediment and retention basins properly maintained?	Yes
Are slope protection measures applied?	Yes
Are energy dissipating devices installed to slow the velocity of storm water drainage and prevent erosion?	Yes
Recycling Storage	
Are outdoor recyclable materials covered 48 hours ahead of likely storm events forecast at 50 percent or greater probability at the facility?	Yes
Trash Disposal	
Do all garbage containers in use have a lid closed or tarp placed?	Yes

E-waste Storage Area	
Is all E-waste under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area that is away from traffic flow?	N/A
Household Hazardous Waste Collection	
Are all Household Hazardous Waste materials under cover?	Yes
Are materials stored in appropriately segregated and covered containers in an area away from traffic flow and on secondary containment?	Yes
Do any storage containers display evidence of leakage?	No
Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Temporary Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Spill Response Kits	
Are any spill kits missing or relocated from the maintenance shop?	No
Are any spill kits missing supplies or in poor condition at the maintenance shop (e.g. lids broken, full of water, mildew, or staining?)	No
Tracking Industrial Vehicle Entry/Exit Points	
Any off-site tracking of sediment or dirt?	No
Geomembrane Cover and North and West perimeter Road	

Is stormwater properly diverted around reaction area?	Yes
Are there any visible signs of leachate seep(s), and if so, did you immediately inform your supervisor and contain the seep?	No
Are soil dams/berms and other best management practices in place or available to prevent any leachate from reaching the south detention basin?	Yes
Are there any visible signs of residual leachate seeps in the concrete channel which should be pressure washed and cleaned?	No
Are there any visible signs of damage to the geomembrane cover (tears, punctures, etc.) and if so, did you immediately inform your supervisor?	No

Bulk Fuel and Oil Tanks	
Is the containment structure free of: water, debris, holes, cracks, fire hazards, liner degradation, corrosion, leakage, or paint failure? Is there water in the primary tank? Are containment drain valves operable and in the closed position (exercise valves)? Are there visible signs of leakage on the tank, interstice, or from the tank into the containment or surrounding soil? Does the exterior of the tank show signs of coating failure, distortions, buckling, denting, or bulging? Are pathways and entry to and from the tank clear and are gates/doors operable?	
Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube truck	OK
Do container supports and foundations show signs of damage, corrosion, paint failure, or significant settlement? Does water drain away from container/tank? Are grounding straps secure and in good condition? Do ladders or platform structures show signs of severe corrosion or damage? Does the ground around the container show signs of oil leaks? Does the concrete pad or ring wall show signs of cracking of spalling?	

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline- Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Exercise valves, as appropriate, checking for proper operation; including shear valve (follow manufacturer's instructions). Are vent components unobstructed? Are valves free of leaks, corrosion, and damage? Tank drain valves must be kept locked. Are spill containment boxes on fill pipes free of debris, water, and residue? Are spill containment boxes installed properly on tank? Are drain valves on spill containment boxes closed? Is liquid level equipment showing signs of physical damage, and is the device easily readable and functioning properly? Are all piping connections free of leaks, corrosion, and damage?

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK

AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Corrective Action and SWPPP/SPCC Plan Modification Descriptions

1 / 1 (100%)

Provide brief explanation

Inspector Certification: This section must be completed by the person who conducted the inspection. "I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"



John Boucher
20 Aug 2025 3:25 PM PDT

Check this box to notify Authorized Representative that inspection is completed and awaiting signature. ☑

Authorized Representative Certification: This section must be completed by an authorized representative of the Facility (e.g. District Manager or Site Manager). "I certify that I have reviewed this report and that it is true, accurate, and complete, to the best of my knowledge and belief"

4050 Monthly Dry SWPPP and SPCC Plan Visual Observation Form

17 Sep 2025 / John Boucher

Complete

Score	1 / 1 (100%)	Flagged items	0	Actions	0

Site conducted	4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on	17 Sep 2025 3:05 PM PDT
Inspector Name	John Boucher
Inspector Title	Operations specialist
Weather Conditions	Partly cloudy

Untitled Page	
East Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
South Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
All Operations	
Is equipment serviced outside of maintenance area or on the active face minimized during wet weather?	Yes
Are paved areas of the facility vacuum swept weekly?	N/A
As needed	
Are loose absorbents deployed over spills cleaned up after each use and disposed of properly?	Yes
Erosion and Sediment	
Is stormwater properly diverted around active fill area and soil stockpile?	Yes
Is a stormwater conveyance system to divert runoff around material storage areas and convey runoff installed and maintained?	Yes
Are sediment and retention basins properly maintained?	Yes
Are slope protection measures applied?	Yes
Are energy dissipating devices installed to slow the velocity of storm water drainage and prevent erosion?	Yes
Recycling Storage	
Are outdoor recyclable materials covered 48 hours ahead of likely storm events forecast at 50 percent or greater probability at the facility?	Yes
Trash Disposal	

Do all garbage containers in use have a lid closed or tarp placed?	Yes
E-waste Storage Area	
Is all E-waste under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area that is away from traffic flow?	N/A
Household Hazardous Waste Collection	
Are all Household Hazardous Waste materials under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area away from traffic flow and on secondary containment?	N/A
Do any storage containers display evidence of leakage?	N/A
Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Temporary Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Spill Response Kits	
Are any spill kits missing or relocated from the maintenance shop?	No
Are any spill kits missing supplies or in poor condition at the maintenance shop (e.g. lids broken, full of water, mildew, or staining?)	No
Tracking Industrial Vehicle Entry/Exit Points	
Any off-site tracking of sediment or dirt?	No

Geomembrane Cover and North and West perimeter Road	
Is stormwater properly diverted around reaction area?	Yes
Are there any visible signs of leachate seep(s), and if so, did you immediately inform your supervisor and contain the seep?	No
Are soil dams/berms and other best management practices in place or available to prevent any leachate from reaching the south detention basin?	Yes
Are there any visible signs of residual leachate seeps in the concrete channel which should be pressure washed and cleaned?	No
Are there any visible signs of damage to the geomembrane cover (tears, punctures, etc.) and if so, did you immediately inform your supervisor?	No

Bulk Fuel and Oil Tanks	
Is the containment structure free of: water, debris, holes, cracks, fire hazards, liner degradation, corrosion, leakage, or paint failure? Is there water in the primary tank? Are containment drain valves operable and in the closed position (exercise valves)? Are there visible signs of leakage on the tank, interstice, or from the tank into the containment or surrounding soil? Does the exterior of the tank show signs of coating failure, distortions, buckling, denting, or bulging? Are pathways and entry to and from the tank clear and are gates/doors operable?	
Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube truck	OK
Do container supports and foundations show signs of damage, corrosion, paint failure, or significant settlement? Does water drain away from container/tank? Are grounding straps secure and in good condition? Do ladders or platform structures show signs of severe corrosion or damage? Does the ground around the container show signs of oil leaks? Does the concrete pad or ring wall show signs of cracking of spalling?	

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline- Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Exercise valves, as appropriate, checking for proper operation; including shear valve (follow manufacturer's instructions). Are vent components unobstructed? Are valves free of leaks, corrosion, and damage? Tank drain valves must be kept locked. Are spill containment boxes on fill pipes free of debris, water, and residue? Are spill containment boxes installed properly on tank? Are drain valves on spill containment boxes closed? Is liquid level equipment showing signs of physical damage, and is the device easily readable and functioning properly? Are all piping connections free of leaks, corrosion, and damage?

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK

AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Corrective Action and SWPPP/SPCC Plan Modification Descriptions

1 / 1 (100%)

Provide brief explanation

Inspector Certification: This section must be completed by the person who conducted the inspection. "I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"



John Boucher
17 Sep 2025 3:13 PM PDT

Check this box to notify Authorized Representative that inspection is completed and awaiting signature. ☑

Authorized Representative Certification: This section must be completed by an authorized representative of the Facility (e.g. District Manager or Site Manager). "I certify that I have reviewed this report and that it is true, accurate, and complete, to the best of my knowledge and belief"

4050 Monthly Dry SWPPP and SPCC Plan Visual Observation Form

22 Oct 2025 / John Boucher

Complete

Score	1 / 1 (100%)	Flagged items	0	Actions	0

Site conducted	4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on	22 Oct 2025 2:36 PM PDT
Inspector Name	John Boucher
Inspector Title	Operations specialist
Weather Conditions	Sunny

Untitled Page	
East Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
South Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
All Operations	
Is equipment serviced outside of maintenance area or on the active face minimized during wet weather?	Yes
Are paved areas of the facility vacuum swept weekly?	N/A
Roads are swept as needed	
Are loose absorbents deployed over spills cleaned up after each use and disposed of properly?	Yes
Erosion and Sediment	
Is stormwater properly diverted around active fill area and soil stockpile?	Yes
Is a stormwater conveyance system to divert runoff around material storage areas and convey runoff installed and maintained?	Yes
Are sediment and retention basins properly maintained?	Yes
Are slope protection measures applied?	Yes
Are energy dissipating devices installed to slow the velocity of storm water drainage and prevent erosion?	Yes
Recycling Storage	
Are outdoor recyclable materials covered 48 hours ahead of likely storm events forecast at 50 percent or greater probability at the facility?	Yes
Trash Disposal	

Do all garbage containers in use have a lid closed or tarp placed?	Yes
E-waste Storage Area	
Is all E-waste under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area that is away from traffic flow?	N/A
Household Hazardous Waste Collection	
Are all Household Hazardous Waste materials under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area away from traffic flow and on secondary containment?	N/A
Do any storage containers display evidence of leakage?	N/A
Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Temporary Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Spill Response Kits	
Are any spill kits missing or relocated from the maintenance shop?	No
Are any spill kits missing supplies or in poor condition at the maintenance shop (e.g. lids broken, full of water, mildew, or staining?)	No
Tracking Industrial Vehicle Entry/Exit Points	
Any off-site tracking of sediment or dirt?	No

Geomembrane Cover and North and West perimeter Road	
Is stormwater properly diverted around reaction area?	Yes
Are there any visible signs of leachate seep(s), and if so, did you immediately inform your supervisor and contain the seep?	No
Are soil dams/berms and other best management practices in place or available to prevent any leachate from reaching the south detention basin?	Yes
Are there any visible signs of residual leachate seeps in the concrete channel which should be pressure washed and cleaned?	No
Are there any visible signs of damage to the geomembrane cover (tears, punctures, etc.) and if so, did you immediately inform your supervisor?	No

Bulk Fuel and Oil Tanks	
Is the containment structure free of: water, debris, holes, cracks, fire hazards, liner degradation, corrosion, leakage, or paint failure? Is there water in the primary tank? Are containment drain valves operable and in the closed position (exercise valves)? Are there visible signs of leakage on the tank, interstice, or from the tank into the containment or surrounding soil? Does the exterior of the tank show signs of coating failure, distortions, buckling, denting, or bulging? Are pathways and entry to and from the tank clear and are gates/doors operable?	
Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube truck	OK
Do container supports and foundations show signs of damage, corrosion, paint failure, or significant settlement? Does water drain away from container/tank? Are grounding straps secure and in good condition? Do ladders or platform structures show signs of severe corrosion or damage? Does the ground around the container show signs of oil leaks? Does the concrete pad or ring wall show signs of cracking of spalling?	

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline- Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Exercise valves, as appropriate, checking for proper operation; including shear valve (follow manufacturer's instructions). Are vent components unobstructed? Are valves free of leaks, corrosion, and damage? Tank drain valves must be kept locked. Are spill containment boxes on fill pipes free of debris, water, and residue? Are spill containment boxes installed properly on tank? Are drain valves on spill containment boxes closed? Is liquid level equipment showing signs of physical damage, and is the device easily readable and functioning properly? Are all piping connections free of leaks, corrosion, and damage?

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK

AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Corrective Action and SWPPP/SPCC Plan Modification Descriptions

1 / 1 (100%)

Provide brief explanation

Inspector Certification: This section must be completed by the person who conducted the inspection. "I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"



John Boucher
22 Oct 2025 2:42 PM PDT

Check this box to notify Authorized Representative that inspection is completed and awaiting signature. ☑

Authorized Representative Certification: This section must be completed by an authorized representative of the Facility (e.g. District Manager or Site Manager). "I certify that I have reviewed this report and that it is true, accurate, and complete, to the best of my knowledge and belief"

4050 Monthly Dry SWPPP and SPCC Plan Visual Observation Form

26 Nov 2025 / John Boucher

Complete

Score	1 / 1 (100%)	Flagged items	0	Actions	0

Site conducted	4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on	26 Nov 2025 10:47 AM PST
Inspector Name	John Boucher
Inspector Title	Operations specialist
Weather Conditions	Sunny

Untitled Page	
East Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
South Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
All Operations	
Is equipment serviced outside of maintenance area or on the active face minimized during wet weather?	Yes
Are paved areas of the facility vacuum swept weekly?	Yes
Are loose absorbents deployed over spills cleaned up after each use and disposed of properly?	Yes
Erosion and Sediment	
Is stormwater properly diverted around active fill area and soil stockpile?	Yes
Is a stormwater conveyance system to divert runoff around material storage areas and convey runoff installed and maintained?	Yes
Are sediment and retention basins properly maintained?	Yes
Are slope protection measures applied?	Yes
Are energy dissipating devices installed to slow the velocity of storm water drainage and prevent erosion?	Yes
Recycling Storage	
Are outdoor recyclable materials covered 48 hours ahead of likely storm events forecast at 50 percent or greater probability at the facility?	Yes
Trash Disposal	
Do all garbage containers in use have a lid closed or tarp placed?	Yes

E-waste Storage Area	
Is all E-waste under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area that is away from traffic flow?	N/A
Household Hazardous Waste Collection	
Are all Household Hazardous Waste materials under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area away from traffic flow and on secondary containment?	N/A
Do any storage containers display evidence of leakage?	N/A
Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Temporary Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Spill Response Kits	
Are any spill kits missing or relocated from the maintenance shop?	No
Are any spill kits missing supplies or in poor condition at the maintenance shop (e.g. lids broken, full of water, mildew, or staining?)	No
Tracking Industrial Vehicle Entry/Exit Points	
Any off-site tracking of sediment or dirt?	No
Geomembrane Cover and North and West perimeter Road	

Is stormwater properly diverted around reaction area?	Yes
Are there any visible signs of leachate seep(s), and if so, did you immediately inform your supervisor and contain the seep?	No
Are soil dams/berms and other best management practices in place or available to prevent any leachate from reaching the south detention basin?	Yes
Are there any visible signs of residual leachate seeps in the concrete channel which should be pressure washed and cleaned?	No
Are there any visible signs of damage to the geomembrane cover (tears, punctures, etc.) and if so, did you immediately inform your supervisor?	No

Bulk Fuel and Oil Tanks	
Is the containment structure free of: water, debris, holes, cracks, fire hazards, liner degradation, corrosion, leakage, or paint failure? Is there water in the primary tank? Are containment drain valves operable and in the closed position (exercise valves)? Are there visible signs of leakage on the tank, interstice, or from the tank into the containment or surrounding soil? Does the exterior of the tank show signs of coating failure, distortions, buckling, denting, or bulging? Are pathways and entry to and from the tank clear and are gates/doors operable?	
Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline Flatbed truck	OK
MS-3: 300 gallon DEF	OK
Pallet of individual def boxes now	
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube truck	OK
Do container supports and foundations show signs of damage, corrosion, paint failure, or significant settlement? Does water drain away from container/tank? Are grounding straps secure and in good condition? Do ladders or platform structures show signs of severe corrosion or damage? Does the ground around	

the container show signs of oil leaks? Does the concrete pad or ring wall show signs of cracking of spalling?	
Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline- Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK
Exercise valves, as appropriate, checking for proper operation; including shear valve (follow manufacturer's instructions). Are vent components unobstructed? Are valves free of leaks, corrosion, and damage? Tank drain valves must be kept locked. Are spill containment boxes on fill pipes free of debris, water, and residue? Are spill containment boxes installed properly on tank? Are drain valves on spill containment boxes closed? Is liquid level equipment showing signs of physical damage, and is the device easily readable and functioning properly? Are all piping connections free of leaks, corrosion, and damage?	
Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK

AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Corrective Action and SWPPP/SPCC Plan Modification Descriptions

1 / 1 (100%)

Provide brief explanation

Inspector Certification: This section must be completed by the person who conducted the inspection. "I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"



John Boucher
26 Nov 2025 11:05 AM PST

Check this box to notify Authorized Representative that inspection is completed and awaiting signature. ☑

Authorized Representative Certification: This section must be completed by an authorized representative of the Facility (e.g. District Manager or Site Manager). "I certify that I have reviewed this report and that it is true, accurate, and complete, to the best of my knowledge and belief"

4050 Monthly Dry SWPPP and SPCC Plan Visual Observation Form

28 Nov 2025 / Austin Keller

Incomplete

Score	0 / 1 (0%)	Flagged items	0	Actions	0

Site conducted	2042 - Wasco Landfill -, Corporate (Overall), Western, Western/Columbia River
Conducted on	28 Nov 2025 11:46 AM PST
Inspector Name	Austin Keller
Inspector Title	Operations Supervisor
Weather Conditions	Cloudy

Untitled Page	
East Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	N/A
South Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	N/A
All Operations	
Is equipment serviced outside of maintenance area or on the active face minimized during wet weather?	
Are paved areas of the facility vacuum swept weekly?	
Are loose absorbents deployed over spills cleaned up after each use and disposed of properly?	
Erosion and Sediment	
Is stormwater properly diverted around active fill area and soil stockpile?	
Is a stormwater conveyance system to divert runoff around material storage areas and convey runoff installed and maintained?	
Are sediment and retention basins properly maintained?	
Are slope protection measures applied?	
Are energy dissipating devices installed to slow the velocity of storm water drainage and prevent erosion?	
Recycling Storage	
Are outdoor recyclable materials covered 48 hours ahead of likely storm events forecast at 50 percent or greater probability at the facility?	
Trash Disposal	
Do all garbage containers in use have a lid closed or tarp placed?	

E-waste Storage Area
Is all E-waste under cover?
Are materials stored in appropriately segregated and covered containers in an area that is away from traffic flow?
Household Hazardous Waste Collection
Are all Household Hazardous Waste materials under cover?
Are materials stored in appropriately segregated and covered containers in an area away from traffic flow and on secondary containment?
Do any storage containers display evidence of leakage?
Leachate & Condensate Collection, Storage, & Conveyance
Are tanks provided with secondary containment?
Is secondary containment area/berms free of debris?
Are there any visible spills or leaks?
Temporary Leachate & Condensate Collection, Storage, & Conveyance
Are tanks provided with secondary containment?
Is secondary containment area/berms free of debris?
Are there any visible spills or leaks?
Spill Response Kits
Are any spill kits missing or relocated from the maintenance shop?
Are any spill kits missing supplies or in poor condition at the maintenance shop (e.g. lids broken, full of water, mildew, or staining?)
Tracking Industrial Vehicle Entry/Exit Points
Any off-site tracking of sediment or dirt?
Geomembrane Cover and North and West perimeter Road

Is stormwater properly diverted around reaction area?
Are there any visible signs of leachate seep(s), and if so, did you immediately inform your supervisor and contain the seep?
Are soil dams/berms and other best management practices in place or available to prevent any leachate from reaching the south detention basin?
Are there any visible signs of residual leachate seeps in the concrete channel which should be pressure washed and cleaned?
Are there any visible signs of damage to the geomembrane cover (tears, punctures, etc.) and if so, did you immediately inform your supervisor?

Bulk Fuel and Oil Tanks
Is the containment structure free of: water, debris, holes, cracks, fire hazards, liner degradation, corrosion, leakage, or paint failure? Is there water in the primary tank? Are containment drain valves operable and in the closed position (exercise valves)? Are there visible signs of leakage on the tank, interstice, or from the tank into the containment or surrounding soil? Does the exterior of the tank show signs of coating failure, distortions, buckling, denting, or bulging? Are pathways and entry to and from the tank clear and are gates/doors operable?
Diesel Fuel 8,000 gal
AST 1: 750 gal Used Oil
AST 2: 500 gal Transmission Oil
AST 3: 500 gal Engine/Hydraulic Oil
AST 4: 300 gal Drive Train Fluid
AST 5: 200 gal Used Antifreeze
Drums within bermed containment area north of equipment maintenance facility building
MS-1: 100 gal Gasoline Flatbed truck
MS-3: 300 gallon DEF
MR-1: 1,750 gal Diesel
MR-3: 200 gal Engine/Hydraulic Oil
MR-4: 100 gal 30W Oil
MR-5: 100 gal 50W Oil
MR-6: 200 gal Transmission/Hydraulic Oil
MR-8: 55 gal Grease- Lube truck
Do container supports and foundations show signs of damage, corrosion, paint failure, or significant settlement? Does water drain away from container/tank? Are grounding straps secure and in good condition? Do ladders or platform structures show signs of severe corrosion or damage? Does the ground around the container show signs of oil leaks? Does the concrete pad or ring wall show signs of cracking of spalling?

Diesel Fuel 8,000 gal
AST 1: 750 gal Used Oil
AST 2: 500 gal Transmission
AST 3: 500 gal Engine/Hydraulic Oil
AST 4: 300 gal Drive Train Fluid
AST 5: 200 gal Used Antifreeze
Drums within bermed containment area north of equipment maintenance facility building
MS-1: 100 gal Gasoline- Flatbed truck
MS-3: 300 gallon DEF
MR-1: 1,750 gal Diesel
MR-3: 200 gal Engine/Hydraulic Oil
MR-4: 100 gal 30W Oil
MR-5: 100 gal 50W Oil
MR-6: 200 gal Transmission/Hydraulic Oil
MR-8: 55 gal Grease- Lube Truck
Exercise valves, as appropriate, checking for proper operation; including shear valve (follow manufacturer's instructions). Are vent components unobstructed? Are valves free of leaks, corrosion, and damage? Tank drain valves must be kept locked. Are spill containment boxes on fill pipes free of debris, water, and residue? Are spill containment boxes installed properly on tank? Are drain valves on spill containment boxes closed? Is liquid level equipment showing signs of physical damage, and is the device easily readable and functioning properly? Are all piping connections free of leaks, corrosion, and damage?
Diesel Fuel 8,000 gal
AST 1: 750 gal Used Oil
AST 2: 500 gal Transmission Oil
AST 3: 500 gal Engine/Hydraulic Oil

AST 4: 300 gal Drive Train Fluid

AST 5: 200 gal Used Antifreeze

Drums within bermed containment area north of equipment maintenance facility building

MS-1: 100 gal Gasoline

MS-3: 300 gallon DEF

MR-1: 1,750 gal Diesel

MR-3: 200 gal Engine/Hydraulic Oil

MR-4: 100 gal 30W Oil

MR-5: 100 gal 50W Oil

MR-6: 200 gal Transmission/Hydraulic Oil

MR-8: 55 gal Grease- Lube Truck

Corrective Action and SWPPP/SPCC Plan Modification Descriptions 0 / 1 (0%)

Provide brief explanation

Inspector Certification: This section must be completed by the person who conducted the inspection. "I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"

Check this box to notify Authorized Representative that inspection is completed and awaiting signature. ☐

Authorized Representative Certification: This section must be completed by an authorized representative of the Facility (e.g. District Manager or Site Manager). "I certify that I have reviewed this report and that it is true, accurate, and complete, to the best of my knowledge and belief"

4050 Monthly Dry SWPPP and SPCC Plan Visual Observation Form

17 Dec 2025 / John Boucher

Complete

Score	1 / 1 (100%)	Flagged items	1	Actions	1

Site conducted	4050 - Chiquita Canyon Landfill -, Corporate (Overall), Western, Western/SO CA L/F
Conducted on	17 Dec 2025 2:50 PM PST
Inspector Name	John Boucher
Inspector Title	Operations Specialist
Weather Conditions	Sunny

Flagged items & Actions

1 flagged, 1 action

Flagged items

1 flagged, 1 action

Untitled Page / All Operations

Are paved areas of the facility vacuum swept weekly?

No

To do | Assignee: John Boucher | Priority: Low | Due: 24 Dec 2025 2:54 PM PST | Created by: John Boucher

Swept as needed

Other actions

0 actions

Untitled Page	1 flagged, 1 action
East Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
South Sampling	
Unauthorized nonstormwater discharges? (Yes or No)	No
Authorized nonstormwater discharges? (Yes or No)	No
All Operations	1 flagged, 1 action
Is equipment serviced outside of maintenance area or on the active face minimized during wet weather?	Yes
Are paved areas of the facility vacuum swept weekly?	No

To do | Assignee: John Boucher | Priority: Low | Due: 24 Dec 2025 2:54 PM PST | Created by: John Boucher

Swept as needed	
Are loose absorbents deployed over spills cleaned up after each use and disposed of properly?	Yes
Erosion and Sediment	
Is stormwater properly diverted around active fill area and soil stockpile?	Yes
Is a stormwater conveyance system to divert runoff around material storage areas and convey runoff installed and maintained?	Yes
Are sediment and retention basins properly maintained?	Yes
Are slope protection measures applied?	Yes
Are energy dissipating devices installed to slow the velocity of storm water drainage and prevent erosion?	Yes
Recycling Storage	
Are outdoor recyclable materials covered 48 hours ahead of likely storm events forecast at 50 percent or greater probability at the facility?	Yes

Trash Disposal	
Do all garbage containers in use have a lid closed or tarp placed?	Yes
E-waste Storage Area	
Is all E-waste under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area that is away from traffic flow?	N/A
Household Hazardous Waste Collection	
Are all Household Hazardous Waste materials under cover?	N/A
Are materials stored in appropriately segregated and covered containers in an area away from traffic flow and on secondary containment?	N/A
Do any storage containers display evidence of leakage?	N/A
Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Temporary Leachate & Condensate Collection, Storage, & Conveyance	
Are tanks provided with secondary containment?	Yes
Is secondary containment area/berms free of debris?	Yes
Are there any visible spills or leaks?	No
Spill Response Kits	
Are any spill kits missing or relocated from the maintenance shop?	No
Are any spill kits missing supplies or in poor condition at the maintenance shop (e.g. lids broken, full of water, mildew, or staining?)	No
Tracking Industrial Vehicle Entry/Exit Points	

Any off-site tracking of sediment or dirt?	No
Geomembrane Cover and North and West perimeter Road	
Is stormwater properly diverted around reaction area?	Yes
Are there any visible signs of leachate seep(s), and if so, did you immediately inform your supervisor and contain the seep?	No
Are soil dams/berms and other best management practices in place or available to prevent any leachate from reaching the south detention basin?	Yes
Are there any visible signs of residual leachate seeps in the concrete channel which should be pressure washed and cleaned?	No
Are there any visible signs of damage to the geomembrane cover (tears, punctures, etc.) and if so, did you immediately inform your supervisor?	No

Bulk Fuel and Oil Tanks	
Is the containment structure free of: water, debris, holes, cracks, fire hazards, liner degradation, corrosion, leakage, or paint failure? Is there water in the primary tank? Are containment drain valves operable and in the closed position (exercise valves)? Are there visible signs of leakage on the tank, interstice, or from the tank into the containment or surrounding soil? Does the exterior of the tank show signs of coating failure, distortions, buckling, denting, or bulging? Are pathways and entry to and from the tank clear and are gates/doors operable?	
Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube truck	OK
Do container supports and foundations show signs of damage, corrosion, paint failure, or significant settlement? Does water drain away from container/tank? Are grounding straps secure and in good condition? Do ladders or platform structures show signs of severe corrosion or damage? Does the ground around the container show signs of oil leaks? Does the concrete pad or ring wall show signs of cracking of spalling?	

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK
AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline- Flatbed truck	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Exercise valves, as appropriate, checking for proper operation; including shear valve (follow manufacturer's instructions). Are vent components unobstructed? Are valves free of leaks, corrosion, and damage? Tank drain valves must be kept locked. Are spill containment boxes on fill pipes free of debris, water, and residue? Are spill containment boxes installed properly on tank? Are drain valves on spill containment boxes closed? Is liquid level equipment showing signs of physical damage, and is the device easily readable and functioning properly? Are all piping connections free of leaks, corrosion, and damage?

Diesel Fuel 8,000 gal	OK
AST 1: 750 gal Used Oil	OK
AST 2: 500 gal Transmission Oil	OK
AST 3: 500 gal Engine/Hydraulic Oil	OK

AST 4: 300 gal Drive Train Fluid	OK
AST 5: 200 gal Used Antifreeze	OK
Drums within bermed containment area north of equipment maintenance facility building	OK
MS-1: 100 gal Gasoline	OK
MS-3: 300 gallon DEF	OK
MR-1: 1,750 gal Diesel	OK
MR-3: 200 gal Engine/Hydraulic Oil	OK
MR-4: 100 gal 30W Oil	OK
MR-5: 100 gal 50W Oil	OK
MR-6: 200 gal Transmission/Hydraulic Oil	OK
MR-8: 55 gal Grease- Lube Truck	OK

Corrective Action and SWPPP/SPCC Plan Modification Descriptions

1 / 1 (100%)

Provide brief explanation

Inspector Certification: This section must be completed by the person who conducted the inspection. "I certify that this report is true, accurate, and complete, to the best of my knowledge and belief"



John Boucher
17 Dec 2025 2:58 PM PST

Check this box to notify Authorized Representative that inspection is completed and awaiting signature. ☑

Authorized Representative Certification: This section must be completed by an authorized representative of the Facility (e.g. District Manager or Site Manager). "I certify that I have reviewed this report and that it is true, accurate, and complete, to the best of my knowledge and belief"

APPENDIX I

WASTE DISPOSAL REPORT

CHIQUITA CANYON
a Waste Connections company

October 15, 2025

Mr. Enrique Casas
California Regional Water Quality Control Board
320 West 4th Street
Los Angeles, California 90013

Subject: **Third Quarter 2025 Solid Waste Disposal Report**
Chiquita Canyon Landfill (File No. 67-20)
Los Angeles County, California

Dear Mr. Casas:

This is the Third Quarter 2025 Solid Waste Disposal Report for the Chiquita Canyon Landfill. This report is required by Monitoring and Reporting Program No. CI-6231 dated December 13, 2018, and Waste Discharge Requirements Order No. R4-2018-0172 File No. 67-020 adopted December 13, 2018. This report covers the period from July-September 2025.

A point-by-point discussion of reporting requirements follows:

1. The reports to the Regional Board shall include a map of the site, and shall indicate the area(s) where disposal is taking place or will begin. This map shall be updated quarterly and summarized and submitted with the annual report due February 15 of each year. If a new area is landfilled, it shall be identified in the corresponding quarterly report.

As the Water Board is aware, CCL closed the Chiquita Canyon Landfill to the acceptance of waste effective January 1, 2025. CCL does not receive any waste or beneficial reuse materials, but does continue to dispose of a small quantity of internally generated waste. Enclosed, as Attachment 1 is a drawing showing the locations where CCL disposed of the internally generated waste during the Third Quarter 2025.

2. A tabular list of the estimated average monthly quantities and types of materials deposited each month.

As discussed above, the Landfill is now closed to the acceptance of waste.

3. An estimate of remaining capacity (in cubic yards and tons), and the remaining life of the site in years and months.

As discussed above, the Landfill is now closed to the acceptance of waste.

4. A certification that all wastes deposited were deposited in compliance with the Board's requirements, and that no waste was deposited outside the boundaries of the waste management facility as specified in the Board requirements.

During the reporting period, the site was operated in compliance with the Board's requirements and no wastes were deposited outside the boundary of the waste management unit.

5. A description of the location and an estimate of the seepage rate or flow of all known seeps and springs at the site.

No water seeps or springs were discovered during visual monitoring of the landfill conducted in July, August and September 2025.

6. The estimated amount of water used at the waste management area for landscape irrigation, compaction, dust control, etc. (If a source other than potable waste is used, the sources and amounts of water from each source shall also be reported).

During the reporting period, approximately 3,270,960 gallons of water were used for dust control, irrigation, and site operation construction. Water was obtained from Newhall Land and Farming Company from an irrigation line located south of the site near Highway 126.

7. Quantities of liquid pumped from the leachate monitoring sumps and/or extraction wells, including dates of removal, and the ultimate disposition (dust control, returned to landfill, disposal). If no liquid was detected or pumped during the reporting period, a statement to that effect shall be submitted.

Information on quantities of leachate pumped and disposed during the reporting period is enclosed as Attachment 3.

8. The discharger shall report all unacceptable (to this site) wastes inadvertently received at this site and their disposition. The following details shall be included:

a. **The source (if known), including the hauler, of the unacceptable wastes and date received and/or discovered.**
b. **Identification of waste (if known) and the amount of waste.**
c. **The name and address of the hauler who removed the waste from the site.**
d. **The ultimate point of disposal for the waste.**
e. **The discharger's actions to prevent recurrence of the attempted depositing of unacceptable wastes by this source or individual (if applicable). If no unacceptable wastes were received (or discovered) during the month, the report shall so state.**

As discussed above, the Landfill is now closed to the acceptance of waste. Only a small amount of internally generated waste is disposed of at the Landfill, which does not include any unacceptable waste. All internal waste is checked before disposal.

If you should have any questions regarding this report, please do not hesitate to contact me at (661) 257-3655.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on the 15th day of October, 2025.

Please do not hesitate to contact me at with any questions regarding the above responses.

Sincerely,

CHIQUITA CANYON LANDFILL

Amanda J. on behalf of Steve Cassulo

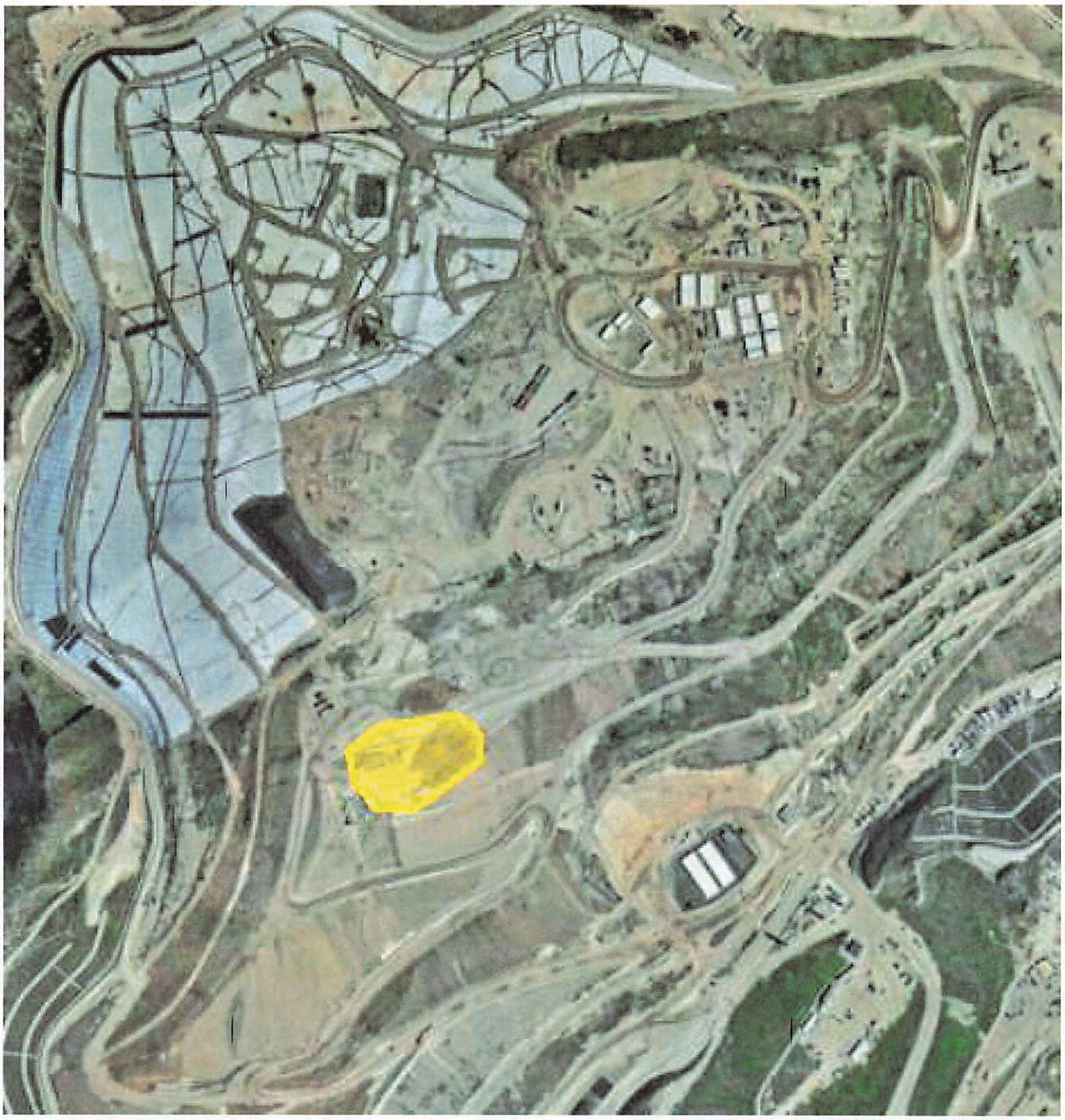
Steve Cassulo
District Manager

Chiquita Canyon Landfill

Attachments: Attachment 1 – Disposal Area Plan
Attachment 2 – Tonnage / Load Reports
Attachment 3 – Leachate Disposal

Attachment 1

Disposal Area Plan



Attachment 2

Tonnage / Load Reports

CHIQUITA CANYON LANDFILL - TONNAGE / LOAD REPORT FOR July 2025

DATE		Inbound Material																												Total Daily Inbound	
		Disposal											Diversion															Soil					
		Transfer Trailer Waste	Lds	Residential	Lds	Commercial	Lds	General Public	Lds	Trash Total	Lds	Weekly	Shredded Green Waste → Erosion Control	Lds	MRF Fines → Protective Cover	Lds	Shredded Green Waste → ADC	Lds	TASW→ ADC	Lds	Rubble, Concrete, Asphalt, Rock→Road Base & Erosion Control	Lds	C&D	Lds	Total, tons	Total, loads	Contaminated Soil - Various Uses	Lds	Clean Soil - Various Uses	Lds	Tons	Loads
	SUN									-	0																				
	MON									-	0																				
7/1/2025	TUE									-	0																				
7/2/2025	WED					14.97	3			14.97	3																				
7/3/2025	THU					41.37	4			41.37	4																				
7/4/2025	FRI									-	0																				
7/5/2025	SAT									-	0	56																			
7/6/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7/7/2025	MON					45.37	4			45.37	4																				
7/8/2025	TUE					40.47	4			40.47	4																				
7/9/2025	WED					2.98	2			2.98	2																				
7/10/2025	THU					10.14	1			10.14	1																				
7/11/2025	FRI									-	0																				
7/12/2025	SAT									-	0	99																			
7/13/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7/14/2025	MON					3.77	3			3.77	3																				
7/15/2025	TUE					39.93	4			39.93	4																				
7/16/2025	WED					50.12	5			50.12	5																				
7/17/2025	THU									-	0																				
7/18/2025	FRI									-	0																				
7/19/2025	SAT									-	0	94																			
7/20/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7/21/2025	MON					4.34	3			4.34	3																				
7/22/2025	TUE									-	0																				
7/23/2025	WED									-	0																				
7/24/2025	THU									-	0																				
7/25/2025	FRI									-	0																				
7/26/2025	SAT									-	0	4																			
7/27/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7/28/2025	MON					3.82	3			3.82	3																				
7/29/2025	TUE									-	0																				
7/30/2025	WED									-	0																				
7/31/2025	THU									-	0																				
	FRI									-	0																				
	SAT									-	0	4																			
	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	MON									-	0	0																				
TOTAL		-	-	-	-	257.28	36	-	-	257.28	36		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	257.28	36

Monthly Totals

Water Used for Dust Control & Irrigation, gallons	1,089,228
Disposal, tons	257
Diversion, tons	-
Soils, tons	-
Total	257

CHIQUITA CANYON LANDFILL - TONNAGE / LOAD REPORT FOR August 2025

DATE		Inbound Material																										Total Daily Inbound	
		Disposal										Diversion														Soil					
		Transfer Trailer Waste	Lds	Residential	Lds	Commercial	Lds	General Public	Lds	Trash Total	Lds	Weekly	Shredded Green Waste → Erosion Control	Lds	MRF Fines → Protective Cover	Lds	Shredded Green Waste → ADC	Lds	TASW→ ADC	Lds	Rubble, Concrete, Asphalt, Rock→Road Base & Erosion Control	Lds	C&D	Lds	Total, tons	Total, loads	Contaminated Soil →Various Uses	Lds	Clean Soil →Various Uses	Lds	Tons	Loads
	SUN									-	0														-	-					-	0
	MON									-	0														-	-					-	0
	TUE									-	0														-	-					-	0
	WED									-	0														-	-					-	0
	THU									-	0														-	-					-	0
8/1/2025	FRI									-	0														-	-					-	0
8/2/2025	SAT									-	0	0													-	-					-	0
8/3/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/4/2025	MON					1.61	1			1.61	1														-	-					1.61	1
8/5/2025	TUE					2.85	2			2.85	2														-	-					2.85	2
8/6/2025	WED					23.34	2			23.34	2														-	-					23.34	2
8/7/2025	THU					21.93	3			21.93	3														-	-					21.93	3
8/8/2025	FRI									-	0														-	-					-	0
8/9/2025	SAT									-	0	50													-	-					-	0
8/10/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/11/2025	MON					39.16	4			39.16	4														-	-					39.16	4
8/12/2025	TUE					42.11	7			42.11	7														-	-					42.11	7
8/13/2025	WED					19.25	2			19.25	2														-	-					19.25	2
8/14/2025	THU					30.71	3			30.71	3														-	-					30.71	3
8/15/2025	FRI					15.62	4			15.62	4														-	-					15.62	4
8/16/2025	SAT									-	0	147													-	-					-	0
8/17/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/18/2025	MON									-	0														-	-					-	0
8/19/2025	TUE					2.69	3			2.69	3														-	-					2.69	3
8/20/2025	WED					9.90	1			9.90	1														-	-					9.90	1
8/21/2025	THU									-	0														-	-					-	0
8/22/2025	FRI									-	0														-	-					-	0
8/23/2025	SAT									-	0	13													-	-					-	0
8/24/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/25/2025	MON					2.03	2			2.03	2														-	-					2.03	2
8/26/2025	TUE									-	0														-	-					-	0
8/27/2025	WED									-	0														-	-					-	0
8/28/2025	THU									-	0														-	-					-	0
8/29/2025	FRI									-	0														-	-					-	0
8/30/2025	SAT									-	0	2													-	-					-	0
8/31/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	MON									-	0	0													-	-						0
TOTAL		-	-	-	-	211.20	34	-	-	211.20	34		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	211.20	34

Monthly Totals

Water Used for Dust Control & Irrigation, gallons	1,009,134
Disposal, tons	211
Diversion, tons	-
Soils, tons	-
Total	211

CHIQUITA CANYON LANDFILL - TONNAGE / LOAD REPORT FOR Septemer 2025

DATE		Inbound Material																												Total Daily Inbound	
		Disposal											Diversion															Soil					
		Transfer Trailer Waste	Lds	Residential	Lds	Commercial	Lds	General Public	Lds	Trash Total	Lds	Weekly	Shredded Green Waste → Erosion Control	Lds	MRF Fines → Protective Cover	Lds	Shredded Green Waste → ADC	Lds	TASW→ ADC	Lds	Rubble, Concrete, Asphalt, Rock→Road Base & Erosion Control	Lds	C&D	Lds	Total, tons	Total, loads	Contaminated Soil - Various Uses	Lds	Clean Soil - Various Uses	Lds	Tons	Loads
	SUN									-	0																			-	0
	MON									-	0																			-	0
	TUE									-	0																			-	0
	WED									-	0																			-	0
	THU									-	0																			-	0
8/1/2025	FRI									-	0																			-	0
8/2/2025	SAT									-	0	0																		-	0
8/3/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---			---	---	---	---	---	---
8/4/2025	MON					1.61	1			1.61	1																			1.61	1
8/5/2025	TUE					2.85	2			2.85	2																			2.85	2
8/6/2025	WED					23.34	2			23.34	2																			23.34	2
8/7/2025	THU					21.93	3			21.93	3																			21.93	3
8/8/2025	FRI									-	0																			-	0
8/9/2025	SAT									-	0	50																		-	0
8/10/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---			---	---	---	---	---	---
8/11/2025	MON					39.16	4			39.16	4																			39.16	4
8/12/2025	TUE					42.11	7			42.11	7																			42.11	7
8/13/2025	WED					19.25	2			19.25	2																			19.25	2
8/14/2025	THU					30.71	3			30.71	3																			30.71	3
8/15/2025	FRI					15.62	4			15.62	4																			15.62	4
8/16/2025	SAT									-	0	147																		-	0
8/17/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---			---	---	---	---	---	---
8/18/2025	MON									-	0																			-	0
8/19/2025	TUE					2.69	3			2.69	3																			2.69	3
8/20/2025	WED					9.90	1			9.90	1																			9.90	1
8/21/2025	THU									-	0																			-	0
8/22/2025	FRI									-	0																			-	0
8/23/2025	SAT									-	0	13																		-	0
8/24/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---			---	---	---	---	---	---
8/25/2025	MON					2.03	2			2.03	2																			2.03	2
8/26/2025	TUE									-	0																			-	0
8/27/2025	WED									-	0																			-	0
8/28/2025	THU									-	0																			-	0
8/29/2025	FRI									-	0																			-	0
8/30/2025	SAT									-	0																			-	0
8/31/2025	SUN	---	---	---	---	---	---	---	---	---	---	2	---	---	---	---	---	---	---	---	---	---	---	---			---	---	---	---	---	---
	MON									-	0	0																				0
TOTAL		-	-	-	-	211.20	34	-	-	211.20	34		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	211.20	34

Monthly Totals	
Water Used for Dust Control & Irrigation, gallons	1,009,134
Disposal, tons	211
Diversion, tons	-
Soils, tons	-
Total	211

Attachment 3

Leachate Disposal

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
July			
July 1, 2025	360,948		CCL007380-A, CCL007240-A, RAD-203128, RAD-203140, RAD-203186, RAD-203185, CCL007382-A, CCL007383-A, CCL007381-A, CCL007241-A, CCL007243-A, RAD-203043, RAD-203182, CCL004816-M, RAD-203184, CCL007244-A, CCL004817-M, CCL004818-M, CCL007369-A, CCL004819-M, RAD-203153, CCL004820-M, CCL004821-M, CCL007370-A, CCL004822-M, CCL007371-A, CCL004823-M, RAD-203129, CCL004824-M, CCL007372-A, CCL007384-A, RAD-203053, CCL007385-A, CCL007386-A, CCL007387-A, CCL004826-M, CCL007388-A, CCL007389-A, RAD-203139, CCL004827-M, CCL007390-A, CCL004829-M, RAD-203137, CCL007391-A, RAD-203055, CCL007392-A, CCL004830-M, CCL007393-A, CCL007394-A, CCL007395-A, CCL007396-A, 020750604FLE, 020750510FLE, 020750511FLE, 020750433FLE, 020750610FLE, 020750578FLE, 020750579FLE, 020750580FLE, 020750581FLE
July 2, 2025	298,481		CCL007400-A, CCL007401-A, CCL007402-A, CCL007404-A, CCL004809-M, CCL007405-A, RAD-203056, CCL002144-X, RAD-203083, RAD-203084, CCL004828-M, CCL007410-A, CCL002143-X, CCL004834-M, CCL007409-A, CCL004835-M, CCL004836-M, RAD-203054, CCL004837-M, CCL004921-M, CCL007408-A, CCL004825-M, CCL007407-A, CCL007427-A, RAD-203086, CCL007406-A, RAD-203087, CCL007426-A, CCL004918-M, CCL004917-M, CCL007425-A, CCL004916-M, CCL004915-M, CCL007424-A, CCL007423-A, CCL007422-A, CCL004913-M, CCL007421-A, CCL004831-M, CCL007420-A, CCL007419-A, CCL004919-M, CCL007242-A, 020750582FLE, 020750583FLE, 020750465FLE, 020750584FLE, 020750585FLE, 020750612FLE, 020750434FLE
July 3, 2025	282,636	4,781	CCL007400-A, CCL007401-A, CCL007402-A, CCL007404-A, CCL004809-M, CCL007405-A, RAD-203056, CCL002144-X, RAD-203083, RAD-203084, CCL004828-M, CCL007410-A, CCL002143-X, CCL004834-M, CCL007409-A, CCL004835-M, CCL004836-M, RAD-203054, CCL004837-M, CCL004921-M, CCL007408-A, CCL004825-M, CCL007407-A, CCL007427-A, RAD-203086, CCL007406-A, RAD-203087, CCL007426-A, CCL004918-M, CCL004917-M, CCL007425-A, CCL004916-M, CCL004915-M, CCL007424-A, CCL007423-A, CCL007422-A, CCL004913-M, CCL007421-A, CCL004831-M, CCL007420-A, CCL007419-A, CCL004919-M, CCL007242-A, 020750582FLE, 020750583FLE, 020750465FLE, 020750584FLE, 020750585FLE, 020750612FLE, 020750434FLE, CCL007417-A, CCL004911-M, CCL007416-A, CCL004910-M, CCL007414-A, RAD-203089, RAD-203090, RAD-203085, RAD-203088, CCL004908-M, RAD-203092, CCL007413-A, CCL004920-M, RAD-203093, CCL004914-M, RAD-203094, CCL004909-M, RAD-203095, RAD-203091, CCL004922-M, CCL004923-M, CCL004924-M, CCL007412-A, CCL004925-M, CCL007415-A, CCL004926-M, CCL004927-M, RAD-203102, CCL007433-A, CCL007432-A, CCL004933-M, CCL007443-A, RAD-203101, CCL007431-A, CCL007418-A, CCL004930-M, CCL007430-A, RAD-203103, CCL007429-A, RAD-203096, CCL007428-A, CCL007434-A, CCL007442-A, 020750586FLE, 020750587FLE, 020750588FLE, 020750589FLE, 020750611FLE, 020750613FLE, 020750615FLE, 020750512FLE,
July 4, 2025	81,850		CCL007435-A,CCL007436-A,CCL004932-M,CCL007437-A,RAD-203097,CCL007438-A,CCL007439-A,RAD-203098,CCL007440-A,CCL007444-A,CCL007445-A,CCL007446-
July 5, 2025	100,837		CCL004931-M,RAD-203236,CCL004942-M,CCL004934-M,CCL007447-A,CCL007441-A,CCL007448-A,RAD-203235,CCL007449-A,RAD-203234,CCL007450-A,CCL007452-A,CCL007453-A,CCL007454-A,CCL004936-M,CCL007476-A,CCL004937-M,CCL007451-A
July 6, 2025	59,480		A,CCL004935-M,CCL007472-A,CCL007471-A,CCL004938-M,CCL007470-
July 7, 2025	331,027		A,CCL007466-A,CCL007482-A,CCL007483-A,CCL007484-A,CCL007485-
July 8, 2025	361,541		A,CCL002129-X,CCL007515-A,CCL007514-A,CCL007513-A,RAD-
July 9, 2025	323,471		A,020750514FLE,CCL004972-M,CCL007537-A,020750595FLE,CCL007521-

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
July 10, 2025	367,081		M,020750523FLE,020750437FLE,020750520FLE,020750619FLE,CCL002146-X,CCL007618-A,CCL007548-A,020750642FLE,CCL007616-A,CCL004975-M,CCL004986-M,CCL007619-A,020750600FLE,CCL005054-M,CCL007623-A,CCL004994-M,020750601FLE,CCL005018-M,CCL007621-A,CCL007620-A,CCL004996-M,CCL007627-A,CCL002157-X,CCL007550-A,CCL007617-A,CCL004988-M,CCL002119-X,CCL004992-M,CCL004997-M,020750599FLE,020750622FLE,CCL004987-M,020750519FLE,CCL004993-M,CCL007628-A,CCL004991-M,020750522FLE,CCL007615-A,RAD-203072,CCL002138-X,CCL004990-M,RAD-203078,RAD-203252,RAD-203076,RAD-203082,RAD-203073,RAD-203077,CCL007604-A,CCL007549-A,CCL007610-A,CCL007625-A,CCL007622-A,CCL007624-A,CCL007611-A,CCL007609-A,CCL007605-A,CCL007606-A,CCL007613-A,CCL007547-A,CCL007614-A,CCL007612-A,CCL007608-A,CCL007626-A,CCL007607-A
July 11, 2025	328,032		A,CCL007634-A,CCL007638-A,CCL007644-A,CCL007633-A,CCL007572-A,CCL007593-A,CCL004912-M,CCL005102-M,CCL005033-M,CCL005060-M,CCL005058-M,CCL007647-A,CCL005016-M,CCL005101-M,020750524FLE,020750438FLE,CCL007646-A,CCL007641-A,020750549FLE,CCL005059-A,CCL005017-M,CCL005032-M,CCL005061-M,020750623FLE,CCL005057-M,CCL007573-A,020750521FLE,CCL005099-M,CCL005100-M,CCL007643-A,CCL007635-A,CCL007576-A,CCL007630-A,CCL002121-X,020750516FLE,CCL005062-M,020750471FLE,CCL007574-A,CCL005082-M,CCL007645-A,CCL002158-X,CCL007575-A,020750472FLE,CCL002140-X,CCL007639-A,CCL007629-A,CCL005019-M,RAD-203250,RAD-203254,RAD-203251,CCL007640-A,CCL007571-A,CCL007592-A,CCL007631-A,CCL007642-A,CCL007577-A
July 12, 2025	137,598		CCL007566-A,CCL007568-A,CCL007562-A,CCL007560-A,CCL007563-A,CCL007652-A,CCL007565-A,CCL007579-A,CCL007590-A,CCL007569-A,CCL007567-A,CCL005103-M,CCL005089-M,RAD-203245,CCL007591-A,RAD-203248,CCL007578-A,CCL005015-M,CCL007564-A,CCL005004-M,RAD-203253,CCL007561-A,CCL005005-M,CCL005031-M,CCL007559-A
July 13, 2025	59,995		CCL007580-A,CCL007594-A,CCL007603-A,CCL007602-A,CCL005029-M,CCL007601-A,CCL007600-A,CCL007599-A,CCL005028-M,CCL007598-A,CCL005027-M
July 14, 2025	331,779		A,CCL007595-A,CCL005024-M,CCL005023-M,RAD-203247,CCL007653-A,CCL002159-X,CCL007649-A,CCL007552-A,CCL007650-A,CCL007651-A,RAD-203075,RAD-203243,CCL002133-X,CCL005104-M,CCL002132-X,CCL005105-M,RAD-203074,CCL005107-M,CCL005106-M,CCL007705-A,CCL005108-M,CCL002139-X,CCL007706-A,CCL005001-M,CCL002145-X,CCL007708-A,CCL007709-A,RAD-203249,RAD-203242,CCL007711-A,CCL007712-A,CCL007710-A,RAD-203241,CCL007713-A,CCL007714-A,CCL005022-M,CCL005021-M,CCL007682-A,CCL007683-A,CCL005020-M,CCL007685-A,RAD-203240,CCL007684-A,CCL007701-A,CCL007702-A,CCL007703-A,CCL007704-A,CCL007674-A,CCL007675-A,CCL002123-X,020750473FLE,020750607FLE,020750525FLE,020750474FLE,020750526FLE
July 15, 2025	382,810		A,CCL007686-A,CCL007687-A,CCL007688-A,CCL007689-A,CCL007690-A,RAD-203239,CCL007679-A,RAD-203062,CCL007691-A,RAD-203244,CCL007692-A,CCL007693-A,RAD-203061,CCL007694-A,CCL007695-A,CCL002134-X,CCL005030-M,CCL007696-A,CCL002137-X,RAD-203060,CCL005077-M,CCL005079-M,CCL007697-A,CCL007698-A,CCL007699-A,CCL005080-M,CCL005081-M,RAD-203042,CCL007700-A,CCL005078-M,CCL007715-A,CCL005090-M,CCL002136-X,CCL007716-A,CCL002135-X,CCL007717-A,CCL007718-A,CCL007720-A,CCL007589-A,CCL007719-A,CCL005093-M,RAD-203041,CCL002131-X,CCL005083-M,CCL002120-X,RAD-203040,CCL007588-A,CCL007587-A,CCL007586-A,CCL007585-A,CCL007584-A,RAD-203039,CCL005086-M,CCL007583-A,CCL005087-M,RAD-203057,CCL005056-M,020750439FLE,020750631FLE,020750528FLE,020750527FLE,020750643FLE,020750644FLE,020750645FLE,020750646FLE

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
July 16, 2025	297,291		[illegible],CCL007681-A,CCL005084-M,CCL007668-A,CCL007669-A,CCL005085-M,CCL007670-A,CCL005091-M,CCL007671-A,RAD-203052,RAD-203058,CCL002151-X,CCL007672-A,CCL007673-A,CCL002150-X,CCL007667-A,CCL005014-M,RAD-203059,CCL005006-M,CCL007666-A,CCL007665-A,CCL005007-M,CCL002147-X,CCL005002-M,CCL007654-A,CCL002148-X,CCL005092-M,CCL005094-M,CCL002149-X,CCL007656-A,CCL007655-A,CCL005095-M,CCL005096-M,CCL007657-A,CCL005097-M,CCL007658-A,CCL007659-A,CCL002156-X,CCL005063-M,CCL007660-A,RAD-203063,CCL007661-A,CCL007663-A,CCL007662-A,020750647FLE,020750648FLE,020750649FLE,020750650FLE,020750624FLE,020750529FLE
July 17, 2025	328,439		[illegible],RAD-203221,RAD-203220,RAD-203219,CCL007757-A,CCL007752-A,CCL005003-M,CCL007753-A,RAD-203071,RAD-203070,CCL002155-X,CCL005067-M,CCL005068-M,CCL005069-M,CCL007754-A,CCL002160-X,CCL002154-X,CCL005070-M,CCL005071-M,CCL007755-A,RAD-203069,CCL005073-M,RAD-203238,CCL007756-A,CCL005074-M,CCL007759-A,CCL007760-A,CCL002161-X,CCL007761-A,CCL007762-A,CCL002153-X,RAD-203065,RAD-203237,CCL007722-A,RAD-203211,CCL005075-M,CCL005076-M,CCL007721-A,CCL007723-A,CCL005011-M,CCL005012-M,CCL007724-A,CCL002152-X,CCL005010-M,020750530FLE,020750531FLE,020750625FLE,020750651FLE,020750652FLE,020750653FLE,020750654FLE,020750656FLE,020750655FLE,020750532FLE,CCL007727-A
July 18, 2025	334,618		[illegible],CCL007729-A,CCL005052-M,CCL007737-A,CCL007730-A,CCL007731-A,CCL007732-A,CCL005051-M,CCL007733-A,CCL007734-A,CCL007735-A,RAD-203105,CCL002162-X,CCL005050-M,CCL002163-X,CCL005049-M,CCL005048-M,CCL005047-M,CCL007736-A,CCL005045-M,RAD-203212,CCL007739-A,CCL005072-M,RAD-203215,CCL002164-X,CCL005034-M,CCL002180-X,CCL007740-A,RAD-203216,CCL005035-M,RAD-203217,CCL007741-A,CCL005036-M,CCL007742-A,CCL005037-M,CCL005038-M,CCL005039-M,CCL007743-A,CCL005040-M,CCL005041-M,CCL007744-A,CCL005042-M,CCL007745-A,CCL005046-M,CCL007738-A,CCL002181-X,020750477FLE,020750626FLE,020750658FLE,020750657FLE,020750608FLE,020750627FLE,020750628FLE,020750632FLE,020750476FLE,020750475FLE,020750630FLE,020750533FLE
July 19, 2025	121,360		CCL007746-A,CCL007747-A,CCL007748-A,CCL005043-M,CCL007749-A,CCL007750-A,RAD-203218,CCL005044-M,CCL007751-A,CCL007763-A,RAD-203285,CCL007764-A,CCL007765-A,CCL005109-M,CCL007766-A,CCL005137-M,CCL005110-M,CCL007767-A,CCL005013-M,CCL007768-A,CCL005130-M,CCL005132-M
July 20, 2025	51,157		RAD-203274,RAD-203273,CCL007801-A,RAD-203272,CCL007802-A,RAD-203271,CCL007803-A,CCL005119-M,CCL007804-A
July 21, 2025	218,225		[illegible],CCL007810-A,CCL005127-M,CCL005125-M,CCL007811-A,CCL005131-M,CCL007812-A,CCL007813-A,CCL007814-A,CCL005120-M,CCL005121-M,CCL005122-M,CCL005123-M,CCL005124-M,RAD-203270,CCL005118-M,CCL005133-M,CCL005136-M,CCL005128-M,CCL007815-A,CCL007800-A,CCL007784-A,CCL005111-M,CCL007785-A,CCL005112-M,CCL007786-A,CCL007787-A,RAD-203269,RAD-203268,CCL007788-A,CCL005113-M,CCL007789-A,020750609FLE,020750478FLE,020750535FLE,020750534FLE

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
July 22, 2025	332,324	10,265	[illegible] A,CCL007793-A,CCL007794-A,CCL005129-M,RAD-203267,CCL007795-A,RAD-203259,CCL007796-A,RAD-203214,RAD-203213,CCL005134-M,CCL007798-A,CCL007769-A,CCL007797-A,CCL007770-A,RAD-203258,CCL005116-M,CCL005117-M,CCL005141-M,CCL005138-M,CCL007816-A,CCL005142-M,CCL005139-M,CCL005143-M,RAD-203265,CCL005144-M,CCL005140-M,CCL005145-M,RAD-203264,RAD-203263,CCL007772-A,CCL007773-A,CCL007774-A,CCL005163-M,RAD-203262,CCL007775-A,CCL005162-M,CCL007776-A,CCL005190-M,CCL007777-A,RAD-203261,CCL007778-A,CCL007779-A,CCL007780-A,CCL005189-M,CCL007781-A,CCL005191-M,CCL007771-A,020750659FLE,020750661FLE,020750660FLE,020750662FLE,020750536FLE,020750537FLE,020750538FLE,020750539FLE,020750633FLE,020750674FLE
July 23, 2025	272,718		[illegible] A,CCL007873-A,CCL007872-A,CCL007865-A,RAD-203260,CCL005165-M,CCL007866-A,RAD-203257,RAD-203256,CCL005202-M,RAD-203255,CCL007859-A,CCL005201-M,CCL005200-M,CCL005199-M,CCL005197-M,CCL005198-M,RAD-203289,CCL005196-M,CCL007860-A,CCL007867-A,CCL007861-A,CCL005194-M,CCL007863-A,CCL007862-A,CCL005192-M,CCL007864-A,CCL005193-M,CCL007868-A,CCL005204-M,CCL007869-A,CCL005161-M,CCL007870-A,RAD-203266,CCL007871-A,CCL007858-A,CCL007857-A,020750542FLE,020750541FLE,020750540FLE,020750479FLE,020750683FLE,020750682FLE,020750681FLE,020750680FLE
July 24, 2025	262,499		[illegible] A,CCL007852-A,RAD-203290,RAD-203301,CCL005183-M,RAD-203081,CCL005184-M,RAD-203276,RAD-203304,CCL005185-M,CCL005186-M,CCL005187-M,CCL005188-M,CCL005164-M,CCL005160-M,CCL007848-A,CCL007849-A,CCL007846-A,CCL007847-A,CCL007851-A,CCL007850-A,RAD-203309,CCL005158-M,CCL007875-A,CCL007876-A,RAD-203308,CCL005157-M,CCL005156-M,CCL007877-A,CCL005155-M,CCL007878-A,CCL007879-A,CCL007880-A,CCL005153-M,CCL007881-A,CCL007882-A,CCL005159-M,020750684FLE,020750685FLE,020750675FLE,020750629FLE,020750543FLE,020750544FLE,020750545FLE
July 25, 2025	234,742		[illegible] A,CCL005152-M,CCL007887-A,CCL007888-A,CCL005195-M,CCL007889-A,RAD-203307,RAD-203306,CCL005150-M,CCL005151-M,CCL005149-M,CCL005148-M,CCL005147-M,CCL005146-M,RAD-203305,CCL005181-M,CCL005179-M,CCL005177-M,CCL007895-A,CCL007891-A,CCL007893-A,CCL007894-A,CCL007890-A,CCL005175-M,CCL005174-M,CCL005173-M,CCL005172-M,CCL005171-M,CCL007896-A,CCL005170-M,CCL007897-A,CCL007898-A,CCL007899-A,CCL005178-M,020750547FLE,020750548FLE,020750634FLE,020750635FLE,020750686FLE,020750687FLE
July 26, 2025	144,757		[illegible] A,CCL005168-M,RAD-203302,CCL005180-M,CCL005176-M,CCL007903-A,CCL007904-A,CCL007905-A,CCL007892-A,CCL007906-A,CCL007907-A,CCL005166-M,CCL007908-A,CCL005248-M,CCL007909-A,CCL005167-M,RAD-203286,RAD-203287,RAD-203288,020750546FLE,020750663FLE,020750480FLE
July 27, 2025	55,669		CCL007911-A,CCL007912-A,RAD-203312,CCL005252-M,CCL005253-M,CCL007913-A,CCL005254-M,CCL007910-A,CCL007845-A,CCL007844-A

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
July 28, 2025	364,924		A,CCL007831-A,RAD-203310,CCL007840-A,CCL007839-A,CCL007838-A,CCL005245-M,CCL005246-M,CCL007837-A,CCL005244-M,CCL007830-A,CCL007832-A,CCL005251-M,CCL005250-M,CCL007833-A,CCL007834-A,CCL007835-A,CCL007836-A,CCL005230-M,CCL007820-A,RAD-203313,CCL005231-M,CCL007821-A,CCL005232-M,CCL007822-A,CCL005233-M,CCL007823-A,CCL005234-M,CCL007824-A,CCL005235-M,CCL007825-A,CCL005249-M,RAD-203319,RAD-203318,RAD-203317,CCL007928-A,RAD-203316,CCL007826-A,CCL007827-A,CCL005237-M,CCL007829-A,CCL007818-A,CCL007828-A,CCL005238-M,CCL007817-A,CCL007926-A,CCL007927-A,CCL007924-A,CCL007925-A,CCL007923-A,020750676FLE,020750697FLE,020750700FLE,020750701FLE,020750702FLE,020750481FLE,020750664FLE,020750690FLE,020750710FLE,020750692FLE,020750689FLE,020750688FLE
July 29, 2025	286,625		M,CCL007916-A,020750637FLE,020750714FLE,CCL007955-A,CCL005228-M,CCL007954-A,CCL005242-M,CCL007953-A,CCL005223-M,CCL007956-A,020750706FLE,CCL007940-A,CCL007918-A,CCL005226-M,CCL005239-M,CCL005241-M,CCL007915-A,CCL007922-A,CCL007921-A,CCL005229-M,CCL002166-X,CCL005243-M,CCL007920-A,CCL005236-M,CCL007952-A,CCL007949-A,020750665FLE,CCL007958-A,CCL002167-X,CCL007951-A,CCL005225-M,020750712FLE,CCL005222-M,CCL007917-A,RAD-203315,CCL005217-M,CCL007929-A,CCL007950-A,CCL007957-A,CCL007914-A,CCL005240-M,RAD-203352,RAD-203351,RAD-203350,RAD-203314,RAD-203275,RAD-203349
July 30, 2025	259,369		M,CCL005213-M,020750717FLE,CCL005219-M,CCL007939-A,CCL007933-A,CCL005276-M,CCL007936-A,020750713FLE,CCL007935-A,CCL005279-M,CCL007948-A,020750705FLE,CCL007941-A,CCL005209-M,CCL007944-A,CCL005220-M,CCL005216-M,CCL005224-M,CCL007946-A,CCL005211-M,CCL007942-A,020750715FLE,RAD-203343,020750716FLE,CCL005281-M,CCL007932-A,CCL007934-A,CCL007947-A,CCL007937-A,CCL005210-M,CCL005278-M,020750711FLE,CCL005215-M,CCL007938-A,CCL007943-A,RAD-203347,CCL005208-M,CCL007945-A,020750482FLE,RAD-203346,RAD-203348,RAD-203344,RAD-203345
July 31, 2025	243,449		203357,CCL002168-X,CCL005207-M,RAD-203358,CCL005284-M,CCL005285-M,RAD-203360,CCL005263-M,CCL007975-A,CCL005264-M,CCL002169-X,CCL005265-M,CCL007931-A,CCL007976-A,CCL007974-A,CCL007973-A,CCL007978-A,CCL007972-A,RAD-203361,RAD-203362,CCL007930-A,CCL007971-A,CCL007969-A,CCL007968-A,CCL005266-M,CCL007970-A,CCL007967-A,CCL007966-A,CCL007965-A,CCL007964-A,020750667FLE,020750484FLE,020750698FLE,020750718FLE,020750719
July 2025 Total	**7,615,732**	**15,046**	
		August	
August 1, 2025	122,540		CCL005267-M,CCL005268-M,RAD-203363,RAD-203364,RAD-203365,CCL005269-M,CCL005270-M,CCL005271-M,CCL005272-M,RAD-203366,CCL005255-M,CCL007963-A,CCL007961-A,CCL007962-A,CCL007960-A,CCL007959-A,RAD-203326,CCL007999-A,020750707FLE,020750704FLE,020750639FLE,020750640FLE
August 2, 2025	55,593		CCL007998-A,CCL007997-A,CCL007996-A,CCL007995-A,RAD-203325,CCL007994-A,CCL007993-A,CCL007992-A,CCL005289-M,CCL007991-A
August 3, 2025	54,228		CCL007990-A,CCL005314-M,CCL007989-A,CCL007988-A,RAD-203342,CCL005315-M,CCL007987-A,RAD-203324,CCL005286-M,CCL007986-A

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
August 4, 2025	243,758		CCL007985-A,CCL005287-M,CCL007984-A,CCL007983-A,CCL007982-A,CCL007981-A,CCL007980-A,CCL007979-A,CCL005291-M,CCL005273-M,CCL005290-M,CCL008000-A,CCL008001-A,CCL008002-A,CCL008003-A,CCL005299-M,CCL008004-A,CCL005300-M,CCL005274-M,RAD-203367,CCL008005-A,CCL008006-A,CCL005293-M,CCL005298-M,CCL005297-M,CCL008007-A,RAD-203368,CCL008008-A,CCL008009-A,CCL005292-M,RAD-203369,CCL002170-X,CCL005294-M,CCL008010-A,CCL008011-A,CCL005295-M,CCL008012-A,CCL008013-A,CCL005296-M,CCL005288-M,020750723FLE,020750722FLE,020750486FLE,020750724FLE,020750725FLE,020750801FLE
August 5, 2025	276,618		CCL008014-A,CCL005250-M,CCL008015-A,CCL008016-A,RAD-203359,CCL005275-M,RAD-203370,CCL008017-A,CCL008018-A,RAD-203371,CCL008020-A,CCL008019-A,CCL008021-A,CCL002171-X,CCL008022-A,RAD-203372,CCL005257-M,CCL005258-M,CCL008024-A,CCL005259-M,CCL008025-A,CCL008026-A,CCL008027-A,CCL005261-M,CCL008028-A,CCL005262-M,RAD-203373,CCL005206-M,CCL008029-A,CCL005205-M,CCL008031-A,CCL008030-A,CCL008032-A,RAD-203322,CCL008033-A,CCL008034-A,CCL005221-M,020750727FLE,020750726FLE,020750669FLE,020750708FLE,020750709FLE,020750802FLE,020750728FLE,020750729FLE,020750837FLE,020750823FLE,020750699FLE,020750670FLE,020750671FLE,020750487FLE
August 6, 2025	302,658		CCL008036-A,CCL008035-A,CCL005326-M,CCL008037-A,CCL008038-A,CCL008039-A,CCL008040-A,CCL005327-M,CCL008041-A,CCL008042-A,CCL008043-A,CCL008044-A,CCL008045-A,RAD-203321,CCL008046-A,RAD-203292,CCL008047-A,CCL008049-A,RAD-203291,CCL008048-A,CCL005328-M,CCL005329-M,CCL005330-M,CCL008050-A,CCL005331-M,CCL008051-A,CCL005260-M,CCL008052-A,CCL005303-M,CCL005304-M,CCL008053-A,CCL008054-A,RAD-203320,CCL005305-M,CCL005306-M,CCL008055-A,RAD-203323,CCL008057-A,RAD-203284,CCL008056-A,CCL005307-M,CCL005308-M,CCL008059-A,CCL008058-A,CCL008060-A,CCL008061-A,CCL008062-A,CCL002172-X,020750730FLE,020750731FLE,020750672FLE,020750732FLE,020750733FLE,020750803FLE,020750804FLE
August 7, 2025	329,825	3,533	CCL008063-A,CCL005309-M,CCL008065-A,CCL005310-M,CCL008066-A,CCL008067-A,CCL008068-A,RAD-203332,CCL008069-A,CCL008070-A,CCL008064-A,RAD-203330,CCL005301-M,CCL008071-A,CCL008072-A,CCL008073-A,CCL008074-A,CCL008077-A,CCL008075-A,CCL008076-A,CCL008078-A,CCL005316-M,CCL008080-A,CCL005317-M,CCL005318-M,CCL002173-X,CCL005319-M,CCL008079-A,CCL005320-M,CCL008081-A,RAD-203329,CCL008082-A,RAD-203328,CCL008083-A,CCL008084-A,CCL008085-A,CCL005322-M,CCL005324-M,CCL005325-M,CCL008086-A,CCL005310-M,CCL005323-M,CCL008087-A,CCL005311-M,CCL008088-A,CCL008090-A,CCL005302-M,CCL008089-A,CCL005312-M,CCL008092-A,CCL005384-M,020750737FLE,020750734FLE,020750842FLE,020750863FLE,020750673FLE,020750763FLE,020750735FLE,020750736FLE,020750805FLE
August 8, 2025	258,137		CCL008093-A,CCL008091-A,CCL008095-A,CCL008096-A,CCL008094-A,CCL008105-A,CCL008097-A,RAD-203327,CCL008098-A,CCL008099-A,CCL008100-A,CCL008101-A,CCL008102-A,CCL008103-A,RAD-203341,CCL008104-A,CCL002174-X,CCL008106-A,CCL008107-A,CCL005383-M,CCL005382-M,CCL008108-A,CCL005381-M,CCL008109-A,CCL005379-M,CCL008110-A,CCL005380-M,CCL008111-A,CCL005321-M,CCL002175-X,RAD-203340,CCL005378-M,CCL005376-M,CCL008112-A,CCL008113-A,CCL005375-M,CCL008114-A,CCL005374-M,RAD-203337,RAD-203339,CCL008115-A,CCL005373-M,CCL005372-M,CCL005371-M,020750489FLE,020750825FLE,020750824FLE
August 9, 2025	126,771		CCL005370-M,CCL005369-M,CCL005368-M,CCL008116-A,CCL008117-A,CCL005377-M,CCL005367-M,CCL008118-A,CCL008119-A,CCL008121-A,CCL008120-A,CCL008122-A,CCL008124-A,CCL005366-M,CCL008123-A,CCL008126-A,CCL005365-M,RAD-203336,CCL005362-M,020750488FLE,020750807FLE,020750808FLE,020750806FLE
August 10, 2025	71,995		CCL008127-A,CCL008128-A,CCL005361-M,RAD-203334,CCL008129-A,CCL008130-A,CCL008131-A,CCL005360-M,CCL008132-A,CCL005359-M,CCL008133-A,CCL005358-M,CCL005364-M,CCL008125-A

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
August 11, 2025	328,300		A,CCL008139-A,CCL008140-A,RAD-203333,CCL005357-M,CCL008141-A,CCL008142-A,CCL008143-A,CCL008165-A,CCL005363-M,CCL008164-A,CCL008163-A,CCL008162-A,RAD-203331,CCL008161-A,CCL008160-A,CCL008159-A,CCL008158-A,CCL005420-M,CCL005356-M,CCL005355-M,CCL005354-M,RAD-203338,CCL005353-M,CCL008157-A,CCL008156-A,CCL008155-A,CCL005352-M,RAD-203298,RAD-203297,CCL008154-A,RAD-203296,CCL008153-A,CCL005348-M,CCL005347-M,CCL008148-A,RAD-203295,CCL008152-A,CCL008151-A,CCL005350-M,CCL008150-A,CCL008149-A,RAD-203294,CCL008147-A,CCL005346-M,CCL005345-M,CCL008231-A,CCL008145-A,CCL005349-M,020750738FLE,020750739FLE,020750740FLE,020750741FLE,020750550FLE,020750843FLE,020750491FLE
August 12, 2025	288,590		203293,CCL008223-A,CCL008224-A,CCL008225-A,CCL008226-A,RAD-203279,CCL008227-A,RAD-203283,RAD-203282,CCL008228-A,CCL008229-A,CCL008166-A,CCL008167-A,CCL008168-A,RAD-203281,CCL008169-A,CCL005342-M,CCL005341-M,CCL005340-M,CCL008170-A,CCL005339-M,CCL008171-A,CCL005337-M,CCL008172-A,CCL005351-M,CCL005336-M,CCL008174-A,CCL008175-A,CCL008173-A,CCL005410-M,CCL008176-A,CCL008177-A,RAD-203396,CCL008178-A,CCL008179-A,CCL008180-A,CCL008181-A,CCL008182-A,CCL005408-M,CCL008183-A,CCL005407-M,CCL008184-A,020750742FLE,020750743FLE,020750744FLE,020750745FLE,020750826FLE,020750827FLE,020750492FLE
August 13, 2025	269,134		M,CCL008187-A,RAD-203397,CCL008185-A,CCL005404-M,CCL008188-A,CCL008190-A,CCL008191-A,CCL008192-A,CCL008193-A,CCL008194-A,CCL008195-A,CCL002176-X,CCL008196-A,RAD-203383,RAD-203401,CCL008197-A,CCL008198-A,CCL005403-M,CCL005402-M,RAD-203399,CCL005401-M,CCL005411-M,CCL002177-X,CCL008200-A,CCL008201-A,CCL008202-A,CCL008199-A,CCL005413-M,CCL008204-A,CCL005414-M,RAD-203400,CCL008206-A,CCL008205-A,CCL008207-A,CCL008208-A,CCL005335-M,CCL008209-A,CCL008210-A,CCL008211-A,CCL008189-A,CCL008203-A,020750746FLE ,020750747FLE ,020750748FLE ,020750749FLE ,020750828FLE
August 14, 2025	242,481		A,CCL008221-A,CCL008330-A,CCL005399-M,RAD-203403,CCL005397-M,CCL005398-M,CCL008217-A,CCL005396-M,CCL008326-A,CCL008325-A,CCL008324-A,RAD-203402,CCL008219-A,CCL008327-A,CCL008212-A,CCL005334-M,CCL008213-A,CCL005333-M,CCL008214-A,CCL008215-A,RAD-203398,RAD-203406,CCL005412-M,RAD-203405,RAD-203404,CCL002178-X,CCL005415-M,CCL005416-M,CCL005417-M,CCL005418-M,CCL008328-A,020750750FLE ,020750751FLE ,020750887FLE ,020750888FLE ,020750493FLE ,020750810FLE ,020750811FLE ,020750844FLE ,020750494FLE
August 15, 2025	136,312		203378,CCL005393-M,CCL005392-M,CCL005391-M,CCL005390-M,RAD-203380,CCL005389-M,CCL005388-M,RAD-203381,CCL008320-A,CCL005387-M,CCL005386-M,CCL005385-M,CCL008319-A,CCL008318-A,CCL008323-A,CCL005468-M,CCL005467-M,020750495FLE ,020750903FLE ,020750904FLE ,020750829FLE ,020750830FLE
August 16, 2025	84,586		CCL008317-A,CCL005472-M,CCL008321-A,CCL005471-M,CCL008314-A,CCL008316-A,RAD-203389,CCL008313-A,CCL008315-A,CCL005470-M,CCL005469-M,RAD-203388,CCL005427-M,CCL008312-A,CCL008311-A
August 17, 2025	50,886		CCL005429-M,CCL008309-A,CCL008310-A,CCL005428-M,CCL008307-A,CCL008308-A,CCL008306-A,CCL005425-M,RAD-203387

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
August 18, 2025	242,219		CCL008305-A,CCL008304-A,CCL008303-A,CCL008302-A,CCL008301-A,RAD-203386,CCL008300-A,CCL005426-M,CCL005424-M,CCL008299-A,CCL005423-M,CCL008298-A,CCL005422-M,CCL008297-A,CCL005421-M,CCL008296-A,CCL005395-M,CCL005430-M,CCL005431-M,RAD-203385,CCL005432-M,CCL008279-A,RAD-203384,CCL008280-A,CCL005434-M,CCL008281-A,CCL008295-A,CCL008283-A,CCL008284-A,CCL005435-M,CCL008282-A,CCL005436-M,RAD-203407,CCL008285-A,CCL008286-A,RAD-203395,CCL008287-A,CCL008288-A,020750752FLE,020750753FLE,020750754FLE,020750496FLE,020750812FLE,020750813FLE
August 19, 2025	227,063		CCL008289-A,CCL005437-M,CCL008291-A,CCL008292-A,CCL005438-M,CCL005439-M,CCL005440-M,CCL005441-M,CCL005442-M,RAD-203394,RAD-203393,RAD-203392,CCL005445-M,CCL005444-M,CCL008278-A,CCL008277-A,CCL008293-A,CCL008294-A,CCL008276-A,CCL008331-A,RAD-203391,CCL008332-A,CCL005446-M,CCL008333-A,CCL005458-M,CCL008335-A,CCL008334-A,CCL008336-A,CCL008337-A,CCL008338-A,CCL008339-A,CCL008290-A,020750832FLE,020750814FLE,020750498FLE,020750497FLE,020750756FLE,020750755FLE,020750758FLE,020750757FLE,020750905FLE,020750815FLE
August 20, 2025	265,459		CCL008341-A,CCL005443-M,CCL008340-A,CCL005457-M,CCL008342-A,CCL008343-A,CCL008344-A,RAD-203390,RAD-203382,RAD-203377,CCL005456-M,RAD-203376,CCL005455-M,CCL005454-M,RAD-203375,CCL005453-M,CCL005452-M,RAD-203379,CCL005451-M,CCL008348-A,CCL005450-M,CCL005449-M,CCL008349-A,CCL008345-A,CCL008346-A,CCL008347-A,RAD-203280,CCL008350-A,CCL008351-A,CCL005447-M,CCL008353-A,CCL008352-A,CCL005465-M,CCL008354-A,CCL005464-M,RAD-203431,CCL008355-A,CCL008356-A,RAD-203430,020750759FLE ,020750764FLE ,020750761FLE ,020750760FLE ,020750772FLE ,020750818FLE ,020750817FLE ,020750816FLE
August 21, 2025	193,827		CCL005463-M,CCL005462-M,CCL005461-M,CCL005460-M,RAD-203429,CCL005448-M,RAD-203423,RAD-203427,CCL005459-M,RAD-203426,CCL005474-M,CCL005475-M,CCL005476-M,CCL005477-M,RAD-203425,CCL008358-A,CCL008359-A,CCL008360-A,CCL008361-A,CCL008362-A,CCL008363-A,CCL008364-A,CCL005473-M,CCL008365-A,CCL008366-A,CCL008367-A,CCL005490-M,020750768FLE ,020750769FLE ,020750822FLE ,020750771FLE ,020750819FLE ,020750821FLE ,020750892FLE ,020750770FLE
August 22, 2025	165,068		CCL008368-A,CCL005489-M,CCL005488-M,RAD-203424,CCL005487-M,CCL005486-M,RAD-203428,RAD-203422,CCL005485-M,CCL005484-M,RAD-203421,CCL005483-M,CCL005482-M,CCL008369-A,CCL008371-A,CCL008372-A,RAD-203420,CCL005481-M,CCL008370-A,CCL005480-M,CCL005479-M,CCL008373-A,CCL008374-A,CCL008375-A,CCL008376-A,020750909FLE ,020750910FLE ,020750914FLE ,020750893FLE ,020750833FLE
August 23, 2025	109,912		CCL005500-M,CCL005499-M,CCL008377-A,CCL005491-M,CCL008378-A,CCL005493-M,CCL008379-A,CCL005494-M,CCL008380-A,CCL008381-A,CCL008382-A,CCL005478-M,CCL008383-A,RAD-203419,CCL005495-M,RAD-203418,CCL008385-A,CCL005492-M,020750912FLE,020750820FLE,020750894FLE
August 24, 2025	83,118		CCL008387-A,CCL008388-A,CCL008384-A,CCL008389-A,RAD-203417,CCL005498-M,CCL005497-M,CCL008390-A,RAD-203416,CCL005466-M,RAD-203414,CCL008391-A,CCL005496-M
August 25, 2025	261,196		CCL008393-A,CCL008398-A,CCL008399-A,CCL008400-A,CCL008394-A,CCL005591-M,CCL005590-M,CCL008401-A,CCL005589-M,CCL005588-M,CCL008395-A,CCL008396-A,CCL008397-A,RAD-203415,CCL005587-M,CCL008403-A,CCL008402-A,CCL005583-M,CCL005584-M,RAD-203413,CCL005582-M,CCL008404-A,CCL005585-M,CCL008405-A,RAD-203409,CCL008406-A,RAD-203412,CCL008407-A,CCL008408-A,CCL008275-A,CCL008274-A,CCL008273-A,CCL008272-A,CCL005553-M,CCL008271-A,CCL005552-M,CCL008270-A,CCL008268-A,CCL008269-A,020750773FLE,020750774FLE,020750775FLE,020750776FLE,020750911FLE,020750907FLE,020750906FLE,020750895FLE,020750834FLE

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
August 26, 2025	292,567		CCL008207-A,CCL008205-A,CCL008204-A,CCL008206-A,CCL005551-M,CCL008257-A,CCL005586-M,CCL008256-A,CCL008255-A,CCL005550-M,CCL005549-M,CCL008259-A,RAD-203410,CCL008258-A,CCL008254-A,CCL005548-M,RAD-203278,CCL008252-A,RAD-203277,CCL008232-A,RAD-203450,CCL008263-A,CCL008262-A,CCL008261-A,CCL005542-M,CCL008253-A,RAD-203449,CCL008233-A,CCL005560-M,CCL008234-A,CCL005561-M,CCL008236-A,RAD-203408,CCL008237-A,CCL005558-M,CCL008235-A,CCL008238-A,RAD-203448,CCL008240-A,CCL008241-A,RAD-203451,CCL005547-M,RAD-203453,RAD-203452,CCL008266-A,CCL008239-A,020750777FLE,020750779FLE,020750913FLE,020750835FLE,020750836
August 27, 2025	238,158		CCL008242-A,CCL008243-A,CCL008244-A,CCL008245-A,CCL008246-A,CCL008247-A,CCL008251-A,CCL008248-A,CCL008249-A,CCL008250-A,CCL005546-M,RAD-203457,CCL005557-M,RAD-203456,CCL005556-M,CCL008409-A,CCL008410-A,CCL005555-M,RAD-203455,RAD-203454,CCL005554-M,CCL005562-M,RAD-203480,CCL005563-M,CCL005565-M,RAD-203477,CCL008412-A,CCL008411-A,CCL008413-A,CCL005568-M,CCL008414-A,CCL008415-A,CCL008416-A,CCL008417-A,CCL005564-M,CCL008418-A,020750917FLE,020750781FLE,020750916FLE,020750778FLE,020750847FLE,020750782FLE,020750780FLE
August 28, 2025	246,393		CCL005569-M,CCL008419-A,CCL008420-A,CCL008421-A,CCL008430-A,CCL008429-A,CCL005570-M,CCL008428-A,CCL008427-A,CCL008426-A,CCL005566-M,RAD-203476,CCL005571-M,CCL008425-A,CCL008424-A,CCL005572-M,CCL008423-A,RAD-203475,CCL005573-M,RAD-203474,RAD-203473,CCL008422-A,CCL005575-M,CCL005574-M,CCL008434-A,CCL008443-A,CCL008444-A,CCL008445-A,CCL008446-A,CCL005529-M,CCL005530-M,RAD-203471,CCL008435-A,CCL005531-M,CCL005532-M,CCL008436-A,CCL008437-A,CCL005533-M,020750785FLE,020750786FLE ,020750850FLE ,020750849FLE ,020750848FLE ,020750783FLE ,020750784FLE
August 29, 2025	187,586		CCL008438-A,CCL008439-A,CCL005576-M,CCL008440-A,CCL008441-A,CCL008432-A,CCL008431-A,CCL008433-A,CCL008449-A,CCL008447-A,CCL005534-M,CCL005535-M,CCL005536-M,CCL005538-M,RAD-203472,CCL005537-M,CCL005540-M,RAD-203470,RAD-203479,CCL008452-A,CCL005541-M,CCL008450-A,CCL008451-A,CCL008459-A,CCL005544-M,CCL008458-A,020750897FLE ,020750899FLE ,020750900FLE ,020750901FLE ,020750908FLE ,020750864FLE ,020750798LE ,020750799FLE
August 30, 2025	123,104		CCL005577-M,CCL008448-A,CCL005578-M,CCL005579-M,CCL005543-M,CCL008453-A,CCL008457-A,CCL005580-M,CCL008460-A,CCL005581-M,CCL005545-M,RAD-203469,CCL005528-M,RAD-203462,CCL008454-A,CCL008456-A,RAD-203461,RAD-203459,CCL005527-M,CCL005525-M,CCL008465-A,RAD-203458
August 31, 2025	-		NA
August 2025 Total	**5,878,082**	**3,533**	
			September
September 1, 2025	158,445		RAD-203463,CCL005521-M,CCL005522-M,CCL005512-M,CCL005515-M,CCL005524-M,CCL005514-M,CCL005523-M,CCL005516-M,CCL005517-M,CCL008462-A,CCL008488-A,RAD-203460,CCL005510-M,CCL008487-A,CCL008461-A,CCL005505-M,CCL008489-A,CCL005509-M,CCL005518-M,CCL008486-A,CCL005519-M,CCL005520-M,CCL005511-M,CCL008464-A,CCL005503-M,CCL005504-M,CCL008463-A,CCL005513-M,020750898FLE,020750902FLE

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
September 2, 2025	295,382		CCL008485-A,CCL008483-A,RAD-203444,RAD-203488,CCL008482-A,CCL008480-A,CCL008481-A,CCL008479-A,CCL008478-A,CCL005506-M,CCL008477-A,CCL005507-M,CCL008476-A,CCL008475-A,CCL008474-A,CCL008473-A,RAD-203489,RAD-203490,CCL005592-M,CCL008472-A,CCL005648-M,CCL008471-A,CCL005649-M,CCL008470-A,CCL005650-M,CCL005651-M,RAD-203491,RAD-203433,RAD-203411,CCL008469-A,CCL008468-A,CCL008467-A,CCL005652-M,CCL008501-A,CCL008502-A,CCL005653-M,CCL008503-A,CCL008504-A,CCL005654-M,CCL008505-A,CCL005655-M,CCL008506-A,CCL008507-A,CCL008484-A,020750796FLE,020750932FLE,020750794FLE,020750795FLE,020750797FLE,020750918FLE,020750919FLE,020750920FLE,020750851FLE,020750852FLE,020750853FLE
September 3, 2025	248,636		CCL008508-A,CCL008509-A,CCL008510-A,CCL008511-A,CCL008609-A,CCL008608-A,CCL008607-A,CCL008606-A,CCL005656-M,RAD-203432,CCL005657-M,CCL008605-A,CCL005658-M,CCL005659-M,CCL008466-A,CCL008498-A,RAD-203446,RAD-203445,CCL005660-M,CCL008497-A,CCL008496-A,CCL005661-M,RAD-203487,CCL008495-A,CCL008490-A,CCL008492-A,CCL008494-A,CCL008493-A,CCL005664-M,CCL008491-A,RAD-203478,CCL008499-A,CCL005665-M,CCL008604-A,CCL008500-A,CCL008603-A,020750793FLE ,020750791FLE ,020750922FLE ,020750921FLE ,020750790FLE ,020750933FLE ,020750792FLE ,020750931FLE ,020750865FLE
September 4, 2025	290,771		CCL008602-A,CCL005666-M,CCL008601-A,CCL008600-A,CCL008599-A,CCL005667-M,CCL008598-A,CCL008597-A,CCL005668-M,CCL005663-M,RAD-203440,CCL008596-A,CCL005669-M,CCL008594-A,CCL008593-A,CCL005508-M,CCL008592-A,CCL008591-A,RAD-203438,RAD-203443,CCL008590-A,RAD-203439,RAD-203442,CCL005501-M,CCL008576-A,CCL008577-A,CCL008578-A,CCL005593-M,CCL008579-A,RAD-203437,CCL005594-M,CCL005595-M,CCL008581-A,CCL008582-A,CCL005596-M,CCL008583-A,CCL005597-M,CCL008584-A,CCL008585-A,CCL008586-A,CCL008587-A,RAD-203436,CCL005598-M,020750942FLE ,020750926FLE ,020750787FLE ,020750923FLE ,020750789FLE ,020750854FLE ,020750934FLE ,020750788FLE ,020750924FLE ,020750855FLE
September 5, 2025	246,632		CCL008588-A,CCL008512-A,CCL008513-A,CCL005599-M,CCL008514-A,CCL008515-A,CCL008516-A,CCL005600-M,CCL008519-A,RAD-203441,CCL008517-A,CCL008518-A,CCL005601-M,CCL008520-A,CCL008580-A,CCL005606-M,CCL008521-A,CCL005602-M,CCL005603-M,CCL008522-A,CCL005604-M,CCL005605-M,CCL005607-M,CCL005608-M,CCL008523-A,CCL008524-A,CCL008525-A,CCL005609-M,CCL005610-M,CCL005611-M,CCL005612-M,CCL005613-M,CCL005615-M,CCL008526-A,RAD-203447,CCL005614-M,CCL008527-A,CCL008528-A,CCL008529-A,CCL008589-A,020750943FLE ,020750946FLE ,020750925FLE ,020750927FLE ,020750944FLE,020750945FLE
September 6, 2025	117,585		CCL005616-M,CCL008530-A,CCL008531-A,CCL008532-A,CCL008533-A,CCL008534-A,CCL005617-M,CCL005618-M,CCL008535-A,RAD-203435,CCL008536-A,RAD-203434,RAD-203492,CCL008537-A,CCL005619-M,CCL005620-M,CCL005621-M,CCL005622-M,RAD-203493,RAD-203495,CCL008540-A
September 7, 2025	66,293		RAD-203494,CCL008541-A,CCL005623-M,CCL008542-A,CCL008543-A,CCL008544-A,CCL008545-A,CCL008546-A,CCL005624-M,CCL008547-A,CCL005625-M,CCL008548-A,CCL008539-A
September 8, 2025	257,857		CCL005626-M,CCL008549-A,RAD-203496,CCL008550-A,CCL008551-A,CCL008552-A,CCL008553-A,CCL008554-A,RAD-203497,CCL005628-M,CCL005629-M,CCL008555-A,CCL008556-A,CCL008557-A,RAD-203498,CCL008558-A,RAD-203499,CCL005630-M,CCL008559-A,CCL005631-M,CCL005632-M,CCL005633-M,CCL005627-M,CCL008562-A,CCL005634-M,CCL008561-A,CCL008563-A,CCL008564-A,CCL008560-A,CCL008565-A,CCL005635-M,CCL008566-A,CCL005636-M,CCL008567-A,RAD-203500,CCL008568-A,CCL008570-A,CCL008569-A,CCL005640-M,CCL008575-A,CCL005639-M,CCL008610-A,CCL005643-M,CCL008611-A,020750948FLE,020750928FLE,020750979FLE,020750947FLE

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
September 9, 2025	239,556		CCL008612-A,CCL005644-M,CCL008613-A,CCL008614-A,CCL008615-A,CCL005637-M,CCL008571-A,CCL008572-A,RAD-203468,RAD-203467,CCL005641-M,CCL008616-A,CCL005645-M,CCL005646-M,RAD-203466,CCL005647-M,CCL005778-M,CCL005777-M,CCL008620-A,CCL008619-A,CCL008621-A,CCL008645-A,CCL008644-A,CCL008617-A,CCL008618-A,RAD-203464,RAD-203465,RAD-203299,CCL005774-M,CCL005773-M,CCL005772-M,CCL008643-A,CCL005771-M,CCL008642-A,CCL008640-A,CCL008641-A,CCL005770-M,020750984FLE,020750949FLE,020750936FLE,020750950FLE,020750937FLE,020750951FLE,020750938FLE
September 10, 2025	264,571		CCL008639-A,CCL005762-M,CCL005769-M,CCL008638-A,CCL005768-M,CCL008637-A,CCL008636-A,RAD-203482,CCL008629-A,CCL008634-A,RAD-203483,CCL005767-M,RAD-203481,CCL005766-M,RAD-203484,CCL008633-A,CCL005765-M,CCL005764-M,RAD-203485,CCL005763-M,RAD-203486,RAD-203508,RAD-203509,RAD-203510,CCL008632-A,CCL008631-A,CCL008635-A,CCL008628-A,CCL008630-A,CCL005760-M,CCL005759-M,RAD-203511,CCL005758-M,CCL008627-A,CCL008622-A,CCL008623-A,CCL008624-A,CCL008625-A,CCL008626-A,CCL005757-M,020750985FLE ,020750952FLE ,020750955FLE ,020750986FLE ,020750929FLE ,020750953FLE
September 11, 2025	240,377		CCL008675-A,CCL008660-A,CCL008659-A,CCL008658-A,CCL005750-M,CCL005761-M,CCL005755-M,CCL005754-M,CCL005753-M,RAD-203513,CCL005752-M,CCL005751-M,RAD-203512,CCL005750-M,RAD-203515,CCL008656-A,CCL008657-A,CCL008653-A,CCL008654-A,CCL008655-A,CCL008652-A,CCL008651-A,RAD-203517,CCL008650-A,CCL005749-M,CCL005748-M,CCL008649-A,CCL008648-A,CCL005747-M,CCL008647-A,CCL008646-A,RAD-203519,CCL008670-A,CCL005745-M,020750962FLE ,020750987FLE ,020750958FLE ,020750960FLE ,020750959FLE ,020750939FLE ,020750988FLE ,020750961FLE ,020750963FLE ,020750964FLE
September 12, 2025	219,334		CCL008669-A,CCL005744-M,CCL008668-A,CCL005743-M,CCL008667-A,CCL008666-A,CCL008665-A,RAD-203518,CCL005746-M,CCL008664-A,CCL005742-M,CCL005741-M,CCL005740-M,CCL005638-M,CCL008663-A,RAD-203514,RAD-203516,CCL005670-M,RAD-203543,CCL008662-A,CCL005671-M,CCL008661-A,CCL005672-M,CCL008677-A,CCL005673-M,CCL008671-A,CCL008676-A,CCL005674-M,CCL008675-A,CCL008672-A,CCL008678-A,CCL008679-A,CCL005675-M,020750991FLE ,020750990FLE ,020750965FLE ,020750966FLE ,020750989FLE ,020750968FLE ,020750992FLE
September 13, 2025	60,799		CCL008674-A,CCL005676-M,CCL008681-A,CCL005677-M,CCL005678-M,CCL005679-M,CCL005680-M,CCL005681-M,RAD-203542,CCL005682-M,RAD-203540
September 14, 2025	72,182		CCL008723-A,CCL008719-A,CCL008718-A,CCL008682-A,RAD-203539,CCL008722-A,CCL008721-A,CCL005686-M,CCL005685-M,CCL008720-A,CCL005684-M,CCL008717-A,CCL008716-A,CCL008673-A
September 15, 2025	270,049		CCL008715-A,RAD-203538,CCL008714-A,CCL005687-M,CCL005683-M,CCL005712-M,RAD-203533,CCL005711-M,CCL008714-A,CCL005710-M,CCL008712-A,RAD-203541,CCL008711-A,CCL005709-M,CCL008710-A,RAD-203505,CCL008709-A,RAD-203501,RAD-203504,CCL008707-A,CCL005708-M,RAD-203503,CCL005706-M,CCL008706-A,CCL005707-M,CCL005705-M,CCL008708-A,CCL005704-M,CCL008705-A,CCL008704-A,RAD-203502,CCL008703-A,RAD-203537,CCL008702-A,CCL008701-A,CCL008700-A,CCL008698-A,CCL008686-A,CCL008685-A,CCL008684-A,CCL008683-A,020750935FLE,020750941FLE,020750970FLE,020750969FLE,020750971FLE,020750980FLE,020750972FLE,020750940FLE
September 16, 2025	206,334		CCL008724-A,CCL008725-A,RAD-203536,CCL008726-A,CCL008727-A,CCL008697-A,CCL008696-A,RAD-203535,RAD-203534,CCL008694-A,CCL008728-A,CCL008695-A,CCL008729-A,CCL008730-A,CCL008731-A,RAD-203532,RAD-203528,RAD-203531,RAD-203530,RAD-203529,CCL008732-A,CCL008693-A,CCL008691-A,CCL008692-A,CCL008733-A,CCL008690-A,CCL008689-A,CCL008688-A,CCL008687-A,CCL008699-A,CCL008808-A,CCL008807-A,CCL008806-A,020751013FLE,020750997FLE,020750999FLE,020750998FLE

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
September 17, 2025	230,936		CCL008805-A,CCL008804-A,RAD-203527,RAD-203526,CCL008802-A,CCL008803-A,CCL008801-A,CCL008800-A,CCL008799-A,CCL008790-A,RAD-203525,RAD-203524,CCL008798-A,CCL008797-A,CCL008795-A,CCL008794-A,RAD-203523,CCL008793-A,RAD-203522,CCL008792-A,RAD-203521,RAD-203507,RAD-203544,CCL008791-A,CCL008796-A,CCL008789-A,CCL008788-A,CCL008787-A,CCL008786-A,CCL008785-A,CCL008783-A,CCL008781-A,CCL008784-A,CCL008780-A,CCL008782-A,020751005FLE ,020751014FLE ,020751003FLE ,020751002FLE ,020751000FLE ,020750856FLE ,020751004FLE
September 18, 2025	225,640		CCL008779-A,CCL008848-A,CCL008847-A,RAD-203520,CCL008845-A,CCL008844-A,CCL008843-A,CCL008846-A,CCL008842-A,CCL008841-A,RAD-203546,CCL008840-A,CCL008839-A,RAD-203576,RAD-203545,RAD-203575,RAD-203577,RAD-203578,RAD-203579,RAD-203580,CCL008835-A,CCL008837-A,CCL008833-A,CCL008832-A,CCL008834-A,CCL008831-A,CCL008829-A,CCL008830-A,CCL008836-A,CCL008828-A,CCL008827-A,CCL008826-A,CCL008825-A,CCL008819-A,CCL008824-A,020751007FLE ,020751015FLE ,020751006FLE ,020750995FLE ,020751009FLE ,020750993FLE ,020751008FLE
September 19, 2025	206,446		CCL008823-A,CCL008822-A,CCL008821-A,CCL008820-A,RAD-203589,CCL008818-A,CCL008817-A,CCL008816-A,CCL008815-A,CCL008814-A,CCL008813-A,CCL008812-A,CCL008811-A,CCL008810-A,CCL008809-A,CCL008734-A,CCL008736-A,RAD-203588,CCL008738-A,CCL008740-A,CCL008742-A,CCL008741-A,CCL008743-A,CCL008744-A,RAD-203586,CCL008745-A,CCL008746-A,CCL008747-A,CCL008748-A,CCL008749-A,020751010LE ,020751011FLE ,020751012FLE ,020751066FLE ,020750994FLE ,020750857FLE ,020751017FLE
September 20, 2025	163,560		CCL008750-A,CCL008751-A,CCL008752-A,CCL008753-A,CCL008754-A,RAD-203585,CCL008755-A,CCL008739-A,CCL008756-A,CCL008757-A,CCL008758-A,CCL008761-A,CCL008759-A,CCL008760-A,CCL008762-A,CCL008763-A,CCL008764-A,CCL008765-A,CCL008735-A,CCL008766-A,CCL008767-A,RAD-203547,RAD-203548,RAD-203550,RAD-203549,RAD-203574,CCL008768-A,RAD-203581,CCL008770-A
September 21, 2025	54,196		CCL008771-A,CCL008772-A,CCL008773-A,CCL008774-A,CCL008862-A,CCL008775-A,CCL008776-A,CCL008777-A,CCL008778-A,CCL008861-A
September 22, 2025	342,712		CCL008850-A,RAD-203582,CCL008859-A,RAD-203581,CCL008858-A,RAD-203583,CCL008769-A,CCL008856-A,RAD-203584,CCL008860-A,CCL008857-A,CCL008855-A,CCL008854-A,RAD-203591,RAD-203592,CCL008853-A,CCL008852-A,CCL008851-A,RAD-203596,CCL008849-A,CCL008863-A,CCL008871-A,CCL008865-A,CCL008864-A,CCL008866-A,CCL008867-A,CCL008868-A,CCL008870-A,CCL008869-A,CCL008873-A,CCL008872-A,CCL008874-A,CCL008875-A,CCL008876-A,CCL008877-A,RAD-203601,CCL008881-A,CCL008879-A,CCL008878-A,CCL008880-A,CCL008882-A,CCL008883-A,CCL008884-A,CCL008885-A,CCL008886-A,CCL008887-A,CCL008889-A,CCL008888-A,CCL008850-A,CCL008890-A,CCL008891-A,CCL008892-A,CCL008893-A,CCL008895-A,CCL008896-A,CCL008897-A,020750981FLE,020751026FLE,020751025FLE,020750859FLE,020750866
September 23, 2025	288,100		CCL008898-A,CCL008899-A,CCL008900-A,CCL008901-A,CCL008902-A,CCL008894-A,CCL008996-A,RAD-203590,RAD-203602,RAD-203593,CCL008997-A,CCL008903-A,CCL008904-A,CCL008905-A,CCL008906-A,CCL008907-A,RAD-203594,RAD-203595,CCL008908-A,CCL008909-A,RAD-203603,RAD-203606,RAD-203605,CCL008910-A,RAD-203597,CCL008911-A,CCL008913-A,CCL008993-A,CCL008992-A,CCL008991-A,CCL008989-A,CCL008990-A,CCL008988-A,CCL008987-A,CCL008986-A,CCL008998-A,CCL008995-A,CCL008985-A,CCL008984-A,CCL008912-A,CCL008983-A,CCL008981-A,CCL008994-A,CCL008980-A,CCL008982-A,020751028FLE,020751027FLE,020750858FLE,020751068FLE,020751067

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
September 24, 2025	309,319		A,RAD-203612,CCL008974-A,RAD-203613,CCL008973-A,CCL008918-A,CCL008919-A,CCL008920-A,RAD-203614,CCL008914-A,RAD-203611,RAD-203610,CCL008915-A,CCL008916-A,RAD-203600,CCL008917-A,RAD-203599,CCL009000-A,RAD-203598,CCL008923-A,CCL008921-A,RAD-203572,CCL008925-A,CCL008926-A,CCL008927-A,CCL008928-A,CCL008929-A,CCL008930-A,CCL008931-A,CCL008932-A,CCL008933-A,CCL008934-A,CCL008935-A,CCL008936-A,CCL008937-A,CCL008938-A,CCL008939-A,CCL008940-A,CCL008941-A,CCL008942-A,CCL008944-A,CCL008943-A,CCL008924-A,CCL008945-A,020751072FLE ,020751071FLE ,020751073FLE ,020751074FLE ,020751045FLE ,020750860FLE ,020750868FLE ,020750861FLE
September 25, 2025	265,171		203561,CCL008951-A,RAD-203571,CCL008952-A,RAD-203570,CCL008954-A,CCL008955-A,CCL008956-A,CCL008953-A,RAD-203569,RAD-203565,RAD-203568,RAD-203564,RAD-203563,RAD-203573,CCL008968-A,CCL008967-A,CCL008966-A,CCL008965-A,CCL008964-A,CCL008962-A,CCL008963-A,CCL008958-A,CCL008959-A,CCL008969-A,CCL008957-A,CCL008970-A,CCL008972-A,CCL008971-A,CCL002225-X,CCL002226-X,CCL008961-A,CCL002227-X,CCL008960-A,020751018FLE ,020751096FLE ,020750996FLE ,020751075FLE ,020750862FLE ,020751076FLE ,020750869FLE ,020751077FLE ,020751078FLE
September 26, 2025	246,653		X,CCL002233-X,CCL002235-X,CCL002236-X,CCL002237-X,CCL002238-X,RAD-203560,CCL002239-X,CCL002240-X,RAD-203566,CCL002241-X,CCL002242-X,CCL002243-X,RAD-203567,CCL002255-X,CCL002254-X,CCL002245-X,CCL002246-X,CCL002248-X,CCL002249-X,CCL002250-X,RAD-203562,CCL002208-X,CCL002209-X,CCL002224-X,CCL002211-X,CCL002210-X,CCL002212-X,CCL002213-X,CCL002251-X,CCL002277-X,CCL002276-X,CCL002234-X,020751081FLE ,020751080FLE ,020751079FLE ,0207511099FLE ,020751100FLE ,020750870FLE ,021302610FLE ,020751029FLE ,020751046FLE
September 27, 2025	121,917		RAD-203622,CCL002214-X,CCL002215-X,CCL002216-X,CCL002218-X,CCL002217-X,CCL002219-X,CCL002220-X,CCL002222-X,CCL002223-X,CCL002342-X,CCL002253-X,RAD-203620,RAD-203619,CCL002244-X,RAD-203559,020751030FLE,021302601FLE,CCL002341-X,CCL002340-X,CCL002334-X,CCL002332-X
September 28, 2025	37,903		CCL002252-X,CCL002338-X,CCL002337-X,CCL002336-X,CCL002335-X,CCL002328-X,CCL002327-X,CCL002275-X,CCL008947-A,CCL005502-M,CCL002221-X,CCL002333-X
September 29, 2025	379,862		203617,CCL002323-X,RAD-203616,CCL002322-X,CCL002298-X,RAD-203615,CCL002297-X,CCL002296-X,CCL002295-X,CCL002321-X,CCL002320-X,CCL002319-X,RAD-203621,CCL002318-X,CCL002317-X,CCL002316-X,CCL002315-X,CCL002314-X,CCL002313-X,CCL002312-X,CCL002311-X,CCL002310-X,RAD-203558,CCL002339-X,RAD-203557,RAD-203555,CCL002343-X,RAD-203556,CCL002309-X,CCL002351-X,CCL002308-X,RAD-203552,CCL002307-X,CCL002306-X,CCL002350-X,CCL002349-X,CCL002348-X,CCL002347-X,CCL002346-X,CCL002345-X,CCL002282-X,CCL008999-A,CCL002344-X,CCL002262-X,CCL002264-X,CCL002265-X,CCL002331-X,CCL002268-X,CCL002266-X,CCL002267-X,CCL002269-X,CCL002270-X,CCL002271-X,CCL002272-X,CCL002273-X,CCL002330-X,021302602FLE,021302603FLE,021302604FLE,0201302605FLE,02130260
September 30, 2025	272,366	5,596	X,CCL002281-X,CCL002280-X,RAD-203627,CCL002278-X,CCL002279-X,CCL002294-X,CCL002293-X,RAD-203628,RAD-203607,CCL002290-X,CCL002288-X,RAD-203553,RAD-203604,RAD-203608,RAD-203554,RAD-203657,CCL002286-X,CCL002287-X,CCL002292-X,CCL002305-X,CCL002303-X,CCL002304-X,CCL002440-X,CCL002289-X,CCL002302-X,CCL002291-X,CCL002439-X,CCL002438-X,CCL002301-X,CCL002437-X,CCL002436-X,CCL002435-X,CCL002434-X,CCL002433-X,CCL002300-X,CCL002432-X,CCL002431-X,CCL002430-X,CCL002429-X,020751033FLE,021302623FLE,020751034FLE,020750871FLE,021302624 FLE

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
September 2025 Total	**6,399,584**	**5,596**	
1st Quarter Total	23,001,625	30,719	
2nd Quarter Total	23,305,113	20,585	
3rd Quarter Total	19,893,398	24,175	
4th Quarter Total	-	-	
2025 Year to date Total	**66,200,136**	**75,479**	
3 Month Average=	**6,631,133**	**8,058**	
Forecasted 12 month total	**86,093,534**	**99,654**	

CHIQUITA CANYON
a Waste Connections company

January 15, 2026

Mr. Enrique Casas
California Regional Water Quality Control Board
320 West 4th Street
Los Angeles, California 90013

Subject: **Fourth Quarter 2025 Solid Waste Disposal Report**
Chiquita Canyon Landfill (File No. 67-20)
Los Angeles County, California

Dear Mr. Casas:

This is the Fourth Quarter 2025 Solid Waste Disposal Report for the Chiquita Canyon Landfill. This report is required by Monitoring and Reporting Program No. CI-6231 dated December 13, 2018, and Waste Discharge Requirements Order No. R4-2018-0172 File No. 67-020 adopted December 13, 2018. This report covers the period from October-December 2025.

A point-by-point discussion of reporting requirements follows:

1. The reports to the Regional Board shall include a map of the site, and shall indicate the area(s) where disposal is taking place or will begin. This map shall be updated quarterly and summarized and submitted with the annual report due February 15 of each year. If a new area is landfilled, it shall be identified in the corresponding quarterly report.

As the Water Board is aware, CCL closed the Chiquita Canyon Landfill to the acceptance of waste effective January 1, 2025. CCL does not receive any waste or beneficial reuse materials, but does continue to dispose of a small quantity of internally generated waste. Enclosed, as Attachment 1 is a drawing showing the locations where CCL disposed of the internally generated waste during the Fourth Quarter 2025.

2. A tabular list of the estimated average monthly quantities and types of materials deposited each month.

As discussed above, the Landfill is now closed to the acceptance of waste.

3. An estimate of remaining capacity (in cubic yards and tons), and the remaining life of the site in years and months.

As discussed above, the Landfill is now closed to the acceptance of waste.

4. A certification that all wastes deposited were deposited in compliance with the Board's requirements, and that no waste was deposited outside the boundaries of the waste management facility as specified in the Board requirements.

During the reporting period, the site was operated in compliance with the Board's requirements and no wastes were deposited outside the boundary of the waste management unit.

5. A description of the location and an estimate of the seepage rate or flow of all known seeps and springs at the site.

No water seeps or springs were discovered during visual monitoring of the landfill conducted in October, November and December 2025.

6. The estimated amount of water used at the waste management area for landscape irrigation, compaction, dust control, etc. (If a source other than potable waste is used, the sources and amounts of water from each source shall also be reported).

During the reporting period, approximately 3,096,366 gallons of water were used for dust control, irrigation, and site operation construction. Water was obtained from Newhall Land and Farming Company from an irrigation line located south of the site near Highway 126.

7. Quantities of liquid pumped from the leachate monitoring sumps and/or extraction wells, including dates of removal, and the ultimate disposition (dust control, returned to landfill, disposal). If no liquid was detected or pumped during the reporting period, a statement to that effect shall be submitted.

Information on quantities of leachate pumped and disposed during the reporting period is enclosed as Attachment 3.

8. The discharger shall report all unacceptable (to this site) wastes inadvertently received at this site and their disposition. The following details shall be included:

a. **The source (if known), including the hauler, of the unacceptable wastes and date received and/or discovered.**
b. **Identification of waste (if known) and the amount of waste.**
c. **The name and address of the hauler who removed the waste from the site.**
d. **The ultimate point of disposal for the waste.**
e. **The discharger's actions to prevent recurrence of the attempted depositing of unacceptable wastes by this source or individual (if applicable). If no unacceptable wastes were received (or discovered) during the month, the report shall so state.**

As discussed above, the Landfill is now closed to the acceptance of waste. Only a small amount of internally generated waste is disposed of at the Landfill, which does not include any unacceptable waste. All internal waste is checked before disposal.

If you should have any questions regarding this report, please do not hesitate to contact me at (661) 257-3655.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on the 15th day of January, 2026.

Please do not hesitate to contact me at with any questions regarding the above responses.

Sincerely,

CHIQUITA CANYON LANDFILL

Kate Logan
Senior Remediation Project Manager

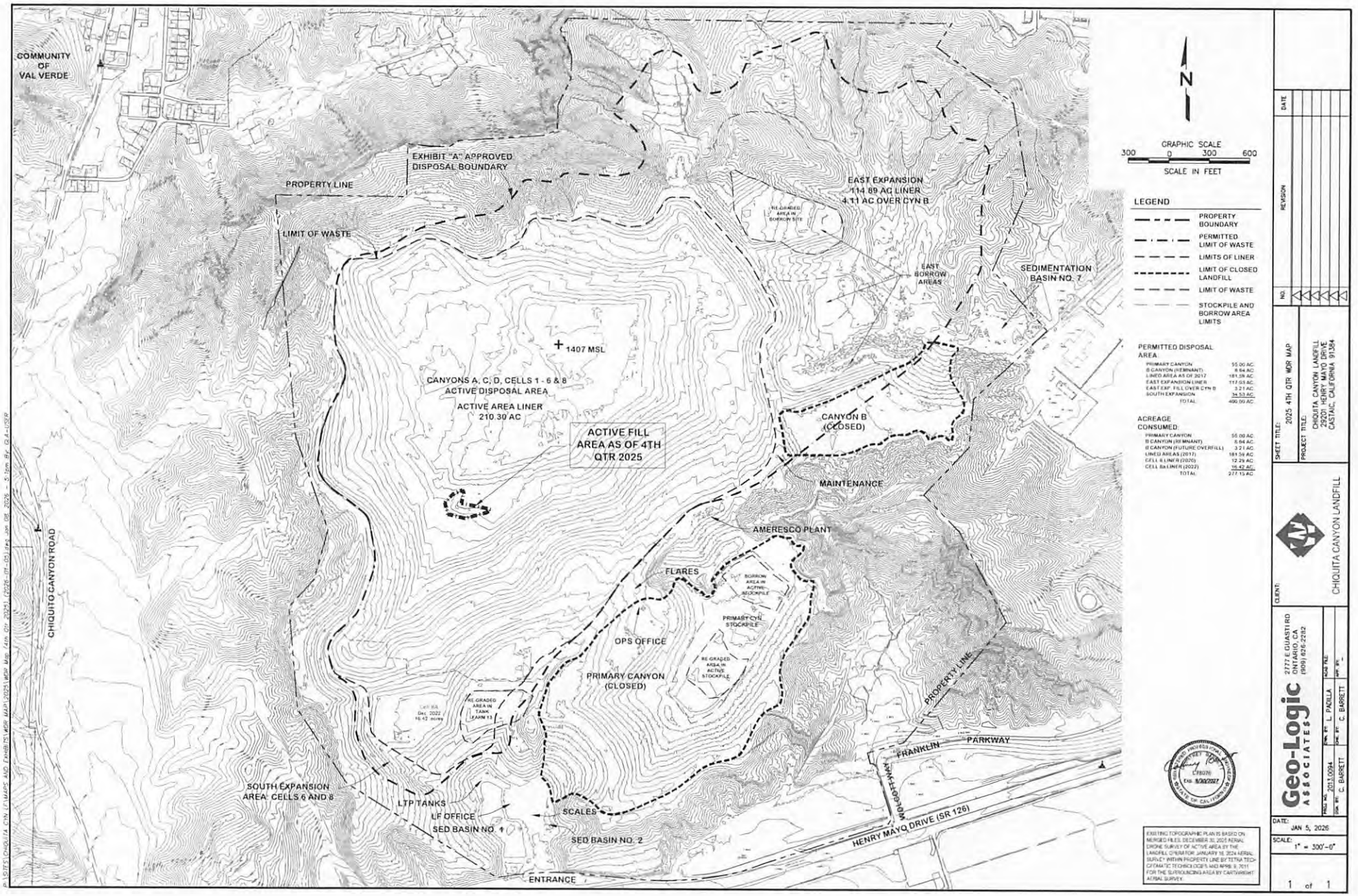
Chiquita Canyon Landfill

Attachments: Attachment 1 – Disposal Area Plan
Attachment 2 – Tonnage / Load Reports
Attachment 3 – Leachate Disposal

29201 Henry Mayo Drive, Castaic, CA 91384 • Tel (661) 257-3655 • Fax (661) 257-5730 • www.chiquitacanyon.com

Attachment 1

Disposal Area Plan



P:\GIS\CHIQUITA CYN_LF\MAPS AND EXHIBITS\WDR MAP\2025\WDR Map 4th Qtr 2025.dwg, 2026-01-05 1:pg, Jan 08, 2026 - 5:1pm, By: GLA-USER

NO.	REVISION	DATE

SHEET TITLE: 2025 4TH QTR WDR MAP

PROJECT TITLE: CHIQUITA CANYON LANDFILL
29201 HENRY MAYO DRIVE
CASTAIC, CALIFORNIA 91384

CLIENT:

CHIQUITA CANYON LANDFILL

Geo-Logic ASSOCIATES
2777 E GUASTI RD
ONTARIO, CA
(909) 626-2242

PROJ. NO: 2013.0094 | DWN. BY: L. PADILLA | CHKD. BY: | APP. BY:
DES. BY: C. BARRETT | DRW. BY: C. BARRETT

DATE: JAN 5, 2026

SCALE: 1" = 300'-0"

1 of 1

Attachment 2

Tonnage / Load Reports

CHIQUITA CANYON LANDFILL - TONNAGE / LOAD REPORT FOR October 2025

DATE		Inbound Material																												Total Daily Inbound	
		Disposal											Diversion													Soil						
		Transfer Trailer Waste	Lds	Residential	Lds	Commercial	Lds	General Public	Lds	Trash Total	Lds	Weekly	Shredded Green Waste - Erosion Control	Lds	MRF Fines - Protective Cover	Lds	Shredded Green Waste - ADC	Lds	TASW - ADC	Lds	Rubble, Concrete, Asphalt, Rock - Road Base & Erosion Control	Lds	C&D	Lds	Total, tons	Total, loads	Contaminated Soil - Various Uses	Lds	Clean Soil - Various Uses	Lds	Tons	Loads
	SUN									-	0													-	-					-	0
	MON									-	0													-	-					-	0
	TUE									-	0													-	-					-	0
10/1/2025	WED					3.40	3			3.40	3													-	-					3.40	3
10/2/2025	THU									-	0													-	-					-	0
10/3/2025	FRI					14.08	2			14.08	2													-	-					14.08	2
10/4/2025	SAT									-	0	17												-	-					-	0
10/5/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10/6/2025	MON					32.63	3			32.63	3													-	-					32.63	3
10/7/2025	TUE					41.93	4			41.93	4													-	-					41.93	4
10/8/2025	WED					4.32	2			4.32	2													-	-					4.32	2
10/9/2025	THU									-	0													-	-					-	0
10/10/2025	FRI					5.66	3			5.66	3													-	-					5.66	3
10/11/2025	SAT									-	0	85												-	-					-	0
10/12/2025	SUN	---	---	---	---			---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10/13/2025	MON									-	0													-	-					-	0
10/14/2025	TUE									-	0													-	-					-	0
10/15/2025	WED									-	0													-	-					-	0
10/16/2025	THU									-	0													-	-					-	0
10/17/2025	FRI									-	0													-	-					-	0
10/18/2025	SAT									-	0	0												-	-					-	0
10/19/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10/20/2025	MON					4.45	3			4.45	3													-	-					4.45	3
10/21/2025	TUE									-	0													-	-					-	0
10/22/2025	WED									-	0													-	-					-	0
10/23/2025	THU									-	0													-	-					-	0
10/24/2025	FRI					1.95	2			1.95	2													-	-					1.95	2
10/25/2025	SAT									-	0	6												-	-					-	0
10/26/2025	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
10/27/2025	MON									-	0													-	-					-	0
10/28/2025	TUE									-	0													-	-					-	0
10/29/2025	WED									-	0													-	-					-	0
10/30/2025	THU					2.51	2			2.51	2													-	-					2.51	2
10/31/2025	FRI									-	0													-	-					-	0
	SAT									-	0	3												-	-					-	0
	SUN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	MON									-	0	0												-	-					-	0
TOTAL		-	-	-	-	110.93	24	-	-	110.93	24		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	110.93	24

Monthly Totals	
Water Used for Dust Control & Irrigation, gallons	1,142,526
Disposal, tons	111
Diversion, tons	-
Soils, tons	-
Total	111

CHIQUITA CANYON LANDFILL - TONNAGE / LOAD REPORT FOR November 2025

DATE		Inbound Material																												Total Daily Inbound	
		Disposal										Diversion												Soil							
		Transfer Trailer Waste	Lds	Residential	Lds	Commercial	Lds	General Public	Lds	Trash Total	Lds	Weekly	Shredded Green Waste - Erosion Control	Lds	MRF Fines - Protective Cover	Lds	Shredded Green Waste - ADC	Lds	TASW - ADC	Lds	Rubble, Concrete, Asphalt, Rock - Road Base & Erosion Control	Lds	C&D	Lds	Total tons	Total loads	Contaminated Soil - Various Uses	Lds	Clean Soil - Various Uses	Lds	Tons	Loads
	SUN									-	0													-	-					-	
	MON									-	0													-	-					-	0
	TUE									-	0													-	-					-	0
	WED									-	0													-	-					-	0
	THU									-	0													-	-					-	0
	FRI									-	0													-	-					-	0
11/1/2025	SAT									-	0													-	-					-	0
11/2/2025	SUN	---	---	---	---	---	---	---	---	---	---	0	---	---	---	---	---	---	---	---	---	---	---	-	-	---	---	---	---	-	0
11/3/2025	MON					40.88	5			40.88	5													-	-					40.88	5
11/4/2025	TUE					34.35	5			34.35	5													-	-					34.35	5
11/5/2025	WED					13.52	1			13.52	1													-	-					13.52	1
11/6/2025	THU									-	0													-	-					-	0
11/7/2025	FRI					21.99	3			21.99	3													-	-					21.99	3
11/8/2025	SAT									-	0	111												-	-					-	0
11/9/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	-	-	---	---	---	---	---	---
11/10/2025	MON					1.11	1			1.11	1													-	-					1.11	1
11/11/2025	TUE									-	0													-	-					-	0
11/12/2025	WED					39.42	5			39.42	5													-	-					39.42	5
11/13/2025	THU									-	0													-	-					-	0
11/14/2025	FRI									-	0													-	-					-	0
11/15/2025	SAT									-	0													-	-					-	0
11/16/2025	SUN	---	---	---	---	---	---	---	---	---	---	41	---	---	---	---	---	---	---	---	---	---	---	-	-	---	---	---	---	-	0
11/17/2025	MON									-	0													-	-					-	0
11/18/2025	TUE									-	0													-	-					-	0
11/19/2025	WED									-	0													-	-					-	0
11/20/2025	THU									-	0													-	-					-	0
11/21/2025	FRI									-	0													-	-					-	0
11/22/2025	SAT									-	0													-	-					-	0
11/23/2025	SUN	---	---	---	---	---	---	---	---	---	---	0	---	---	---	---	---	---	---	---	---	---	---	-	-	---	---	---	---	-	0
11/24/2025	MON									-	0													-	-					-	0
11/25/2025	TUE									-	0													-	-					-	0
11/26/2025	WED					1.18	1			1.18	1													-	-					1.18	1
11/27/2025	THU									-	0													-	-					-	0
11/28/2025	FRI									-	0													-	-					-	0
11/29/2025	SAT									-	0													-	-					-	0
11/30/2025	SUN	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	-	-	---	---	---	---	-	0
	MON									-	0	0												-	-					-	
TOTAL		-	-	-	-	152.45	21	-	-	152.45	21		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152.45	21

Monthly Totals

Water Used for Dust Control & Irrigation, gallons	1,049,076
Disposal, tons	152
Diversion, tons	-
Soils, tons	-
Total	152

-

CHIQUITA CANYON LANDFILL - TONNAGE / LOAD REPORT FOR December 2025

DATE		Inbound Material																												Total Daily Inbound	
		Disposal											Diversion														Soil					
		Transfer Trailer Waste	Lds	Residential	Lds	Commercial	Lds	General Public	Lds	Trash Total	Lds	Weekly	Shredded Green Waste - Erosion Control	Lds	MRF Fines - Protective Cover	Lds	Shredded Green Waste - ADC	Lds	TASW - ADC	Lds	Rubble, Concrete, Asphalt, Rock - Road Base & Erosion Control	Lds	C&D	Lds	Total, tons	Total, loads	Contaminated Soil - Various Uses	Lds	Clean Soil - Various Uses	Lds	Tons	Loads
	SUN									-	0													-	-					-	0
12/1/2025	MON									-	0													-	-					-	0
12/2/2025	TUE									-	0													-	-					-	0
12/3/2025	WED					4.43	2			4.43	2													-	-					4.43	2
12/4/2025	THU									-	0													-	-					-	0
12/5/2025	FRI									-	0													-	-					-	0
12/6/2025	SAT									-	0	4												-	-					-	0
12/7/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12/8/2025	MON									-	0													-	-					-	0
12/9/2025	TUE					1.07	1			1.07	1													-	-					1.07	1
12/10/2025	WED									-	0													-	-					-	0
12/11/2025	THU									-	0													-	-					-	0
12/12/2025	FRI					0.50	1			0.50	1													-	-					0.50	1
12/13/2025	SAT									-	0	2												-	-					-	0
12/14/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12/15/2025	MON					0.94	1			0.94	1													-	-					0.94	1
12/16/2025	TUE									-	0													-	-					-	0
12/17/2025	WED					64.67	6			64.67	6													-	-					64.67	6
12/18/2025	THU					1.82	2			1.82	2													-	-					1.82	2
12/19/2025	FRI					14.67	1			14.67	1													-	-					14.67	1
12/20/2025	SAT					13.06	1			13.06	1	95												-	-					13.06	1
12/21/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12/22/2025	MON					36.31	5			36.31	5													-	-					36.31	5
12/23/2025	TUE					9.75	1			9.75	1													-	-					9.75	1
12/24/2025	WED									-	0													-	-					-	0
12/25/2025	THU					21.44	3			21.44	3													-	-					21.44	3
12/26/2025	FRI									-	0													-	-					-	0
12/27/2025	SAT									-	0	68												-	-					-	0
12/28/2025	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
12/29/2025	MON					25.76	4			25.76	4													-	-					25.76	4
12/30/2025	TUE									-	0													-	-					-	0
12/31/2025	WED									-	0													-	-					-	0
	THU									-	0													-	-					-	0
	FRI									-	0													-	-					-	0
	SAT									-	0	26												-	-					-	0
	SUN	---	---	---	---	---	---	---	---	---	---		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	MON									-	0	0												-	-					-	0
TOTAL		-	-	-	-	194.42	28	-	-	194.42	28		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	194.42	28

Monthly Totals

Water Used for Dust Control & Irrigation, gallons	904,764
Disposal, tons	194
Diversion, tons	-
Soils, tons	-
Total	194

-

Attachment 3

Leachate Disposal

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
October			
October 1, 2025	296,989		CCL002428-X, CCL002299-X, CCL002427-X, CCL002426-X, CCL002425-X, CCL002424-X, RAD-203656, RAD-203655, CCL002421-X, RAD-203631, CCL002422-X, RAD-203630, CCL002420-X, RAD-203629, CCL002419-X, CCL002418-X, 020751047FLE, 020751050FLE, CCL002417-X, 020751048FLE, RAD-203634, CCL002416-X, RAD-203658, 020751049FLE, CCL002364-X, 021302627FLE, RAD-203664, RAD-203663, CCL002365-X, CCL002367-X, CCL002368-X, CCL002370-X, CCL002369-X, 021302626FLE, 021302606FLE, CCL002371-X, CCL002372-X, CCL002373-X, CCL002375-X, CCL002376-X, CCL002377-X, CCL002423-X, CCL002378-X, CCL002374-X, CCL002379-X, CCL002380-X, CCL002381-X, CCL002382-X, CCL002383-X, CCL002384-X, CCL002385-X, CCL002386-X, CCL002387-
October 2, 2025	266,764		CCL002388-X, CCL002389-X, CCL002390-X, CCL002391-X, CCL002392-X, CCL002393-X, RAD-203662, CCL002394-X, CCL002395-X, CCL002396-X, RAD-203633, RAD-203632, CCL002256-X, RAD-203672, CCL002257-X, RAD-203671, CCL002258-X, RAD-203670, 020751021FLE, CCL002259-X, CCL002260-X, RAD-203669, CCL002415-X, 021302628FLE, RAD-203667, CCL002366-X, CCL002413-X, CCL002412-X, CCL002411-X, CCL002410-X, CCL002409-X, CCL002408-X, CCL002397-X, CCL002398-A, CCL002489-X, CCL002182-X, RAD-203666, CCL002407-X, CCL002488-X, CCL002490-X, CCL002492-X, CCL002491-X, CCL002493-X, CCL002481-X, CCL002480-X, CCL002482-X, CCL002483-X, CCL002484-X, 020751082FLE
October 3, 2025	222,872		CCL002485-X, CCL002486-X, CCL002487-X, CCL002471-X, CCL002472-X, CCL002474-X, CCL002179-X, RAD-203665, RAD-2036650, CCL002475-X, CCL002185-X, RAD-2033668, CCL002476-X, CCL002165-X, RAD-203695, CCL002478-X, 020751020FLE, CCL002479-X, CCL002261-X, 020750872FLE, CCL002470-X, 020750873FLE, CCL002469-X, RAD-203696, RAD-203697, CCL002468-X, 021302608FLE, CCL002414-X, CCL002467-X, 020751051FLE, CCL002466-X, CCL002473-X, CCL002465-X, CCL002477-X, CCL002406-X, CCL002405-X, CCL002404-X, CCL002403-X, CCL002402-X, CCL002464-X, CCL002463-X, CCL002462-X,
October 4, 2025	63,862		CCL002461-X, CCL002460-X, CCL002458-X, RAD-203699, CCL002400-X, RAD-203698, RAD-203700, RAD-203701, CCL002401-X, RAD-203702, RAD-
October 5, 2025	67,076		CCL002443-X, CCL002457-X, CCL002441-X, CCL002442-X, CCL002450-X, CCL002494-X, CCL002459-X, CCL002449-X, CCL002448-X, CCL002447-X, CCL002446-X, CCL002445-X
October 6, 2025	347,085		CCL002444-X, RAD-203704, CCL002438-X, RAD-203705, CCL002439-X, RAD-203706, CCL002454-X, CCL002453-X, CCL002452-X, CCL002451-X, RAD-203707, CCL002542-X, CCL002543-X, CCL002399-X, CCL002541-X, CCL002540-X, RAD-203708, CCL002539-X, CCL002528-X, RAD-203709, CCL002538-X, RAD-203710, CCL002529-X, CCL002537-X, CCL002536-X, CCL002535-X, CCL002534-X, CCL002533-X, RAD-203711, CCL002532-X, CCL002531-X, CCL002530-X, CCL002527-X, CCL002525-X, CCL002524-X, CCL002523-X, CCL002522-X, CCL002521-X, RAD-203712, CCL002520-X, CCL002519-X, CCL002518-X, CCL002517-X, CCL002516-X, CCL002515-X, CCL002514-X, CCL009003-A, CCL009002-A, CCL009008-A, CCL009007-A, CCL009009-A, CCL009010-A, CCL009011-A, CCL009012-A, CCL009013-A, 021302642FLE, 021302646FLE, 020751023FLE, 021302647FLE, 021302607FLE, 020751022FLE, 020751086FLE, 020751085FLE
October 7, 2025	293,961		CCL009014-A, CCL009015-A, CCL009016-A, CCL009017-A, CCL009018-A, CCL009019-A, CCL009006-A, CCL009005-A, CCL009004-A, RAD-203717, RAD-203713, CCL009023-A, CCL009024-A, RAD-203715, RAD-203714, CCL009022-A, CCL009021-A, CCL009025-A, CCL009026-A, RAD-203716, RAD-203718, RAD-203720, RAD-203719, CCL002526-X, CCL009029-A, CCL009031-A, RAD-203721, CCL009032-A, CCL009033-A, CCL009034-A, CCL009027-A, CCL009035-A, CCL009115-A, CCL009114-A, CCL009028-A, CCL009113-A, CCL009124-A, CCL009116-A, CCL009111-A, CCL009112-A, CCL009110-A, CCL009109-A, CCL009108-A, 020751036FLE, 020751035FLE, 021302661FLE, 021302643FLE, 020751024FLE, 021302644FLE, 020751090FLE, 021302668FLE, 020751087FLE,

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
October 8, 2025	288,899		CCL009107-A, CCL009106-A, CCL009030-A, CCL009105-A, CCL009104-A, CCL009103-A, CCL009102-A, RAD-203722, RAD-203732, CCL009101-A, CCL009100-A, CCL009098-A, CCL009091-A, RAD-203723, CCL009092-A, CCL009097-A, RAD-203724, RAD-203725, CCL009096-A, CCL009148-A, RAD-203726, RAD-203727, CCL009094-A, 021302648FLE, RAD-203728, RAD-203729, 020751052FLE, RAD-203730, 021302649FLE, 020751054FLE, CCL009099-A, 020751053FLE, CCL009095-A, CCL009149-A, CCL009089-A, CCL009090-A, CCL009088-A, CCL009147-A, CCL009139-A, CCL009146-A, CCL009145-A, CCL009144-A, CCL009143-A, CCL009142-A, CCL009141-A, CCL009140-A, CCL009138-A, CCL009137-A, 020751092FLE, 021302667FLE, 020751091FLE, 020751089FLE
October 9, 2025	217,651		CCL009133-A, CCL009132-A, CCL009131-A, RAD-203733, CCL009129-A, CCL009128-A, RAD-203734, CCL009127-A, RAD-203735, CCL009126-A, RAD-203731, CCL009125-A, RAD-203736, 020751037FLE, RAD-203737, RAD-203738, 021302650FLE, CCL009093-A, RAD-203739, CCL009135-A, CCL009130-A, 021302651FLE, CCL009121-A, CCL009120-A, CCL009117-A, CCL009122-A, RAD-203740, CCL009119-A, CCL009118-A, CCL009036-A, CCL009041-A, CCL009040-A, CCL009039-A, CCL009038-A, CCL009037-A, 020751094FLE, 020751097FLE, 020751098FLE, 020751095FLE
October 10, 2025	169,358		CCL009042-A, CCL009043-A, CCL009044-A, RAD-203741, CCL009045-A, CCL009046-A, CCL009047-A, CCL009048-A, RAD-203742, CCL009049-A, CCL009050-A, CCL009051-A, CCL009052-A, RAD-203743, 020751038FLE, 021302645FLE, 021302652FLE, 020750874FLE, CCL009054-A, 021302653FLE, CCL009055-A, CCL009053-A, RAD-203748, CCL009057-A, CCL009058-A, CCL009059-A, CCL009060-A, CCL009061-A, 021302704FLE, 021302703FLE, 021302705FLE
October 11, 2025	71,812		CCL009063-A, CCL009062-A, CCL009064-A, CCL009065-A, CCL009066-A, CCL009067-A, CCL009069-A, CCL009123-A, CCL009056-A, CCL009087-A, RAD-203651, CCL009086-A, RAD-203694
October 12, 2025	60,517		CCL009068-A, CCL009070-A, CCL009071-A, CCL009073-A, CCL009074-A, CCL009150-A, CCL009075-A, CCL005864-M, CCL009076-A, CCL009134-A, CCL009072-A
October 13, 2025	382,105		CCL009080-A, CCL009082-A, RAD-203688, CCL009081-A, RAD-203644, CCL009151-A, CCL009152-A, CCL005863-M, CCL009154-A, CCL009153-A, RAD-203643, CCL009155-A, CCL005874-M, CCL009156-A, RAD-203642, CCL005892-M, CCL009158-A, CCL009157-A, CCL009159-A, CCL005891-M, CCL009160-A, RAD-203640, RAD-203641, CCL009161-A, RAD-203638, RAD-203639, CCL005890-M, CCL009162-A, CCL009163-A, CCL005889-M, CCL005888-M, CCL009165-A, CCL009164-A, CCL009166-A, CCL009167-A, CCL009168-A, CCL005887-M, CCL009169-A, CCL009170-A, CCL009171-A, CCL009172-A, CCL005884-M, CCL005885-M, CCL009173-A, CCL009174-A, CCL009175-A, CCL009176-A, CCL009177-A, CCL009178-A, CCL009179-A, CCL009180-A, CCL005886-M, CCL009182-A, CCL009181-A, CCL009183-A, 021302654FLE, 020751043FLE, 021302666FLE, 021302655FLE, 021302743FLE, 021302728FLE, 021302629FLE, 020751042FLE, 021302656FLE
October 14, 2025	255,125		RAD-203693, RAD-203692, CCL009184-A, CCL009185-A, CCL009186-A, CCL009187-A, CCL009188-A, CCL009189-A, CCL009191-A, RAD-203691, CCL009190-A, CCL005834-M, CCL009193-A, CCL009195-A, CCL009196-A, CCL009192-A, CCL009197-A, CCL009198-A, RAD-203690, RAD-203689, CCL009200-A, CCL005881-M, CCL005882-M, CCL005880-M, CCL009201-A, RAD-203687, CCL009202-A, CCL009205-A, CCL009204-A, CCL009203-A, RAD-203637, CCL009206-A, CCL009207-A, CCL009216-A, CCL009208-A, CCL009211-A, CCL009209-A, CCL009212-A, CCL009215-A, CCL005879-M, CCL009214-A, CCL005878-M, CCL009213-A, CCL009210-A, CCL009217-A, CCL009194-A, 020751055FLE, CCL005883-M

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
October 15, 2025	330,737		021302670FLE, 021302671FLE, CCL009218-A, CCL009219-A, CCL005677-M, CCL009220-A, CCL009221-A, CCL009222-A, CCL009223-A, CCL009224-A, CCL005876-M, CCL009287-A, CCL009286-A, RAD-203636, RAD-203686, RAD-203635, RAD-203685, CCL009285-A, CCL009284-A, CCL005875-M, CCL009283-A, CCL009282-A, RAD-203684, CCL009281-A, RAD-203683, CCL005841-M, CCL009280-A, CCL009265-A, CCL005840-M, RAD-203682, CCL005839-M, CCL009266-A, CCL009267-A, CCL005838-M, CCL009268-A, CCL009269-A, CCL009270-A, CCL009271-A, CCL009272-A, CCL009273-A, CCL009274-A, CCL009275-A, CCL009276-A, CCL009277-A, CCL005837-M, CCL009278-A, CCL009279-A, CCL009264-A, CCL009263-A, CCL005836-M, CCL009262-A, CCL009261-A, CCL009260-A, 021302630FLE, 021302611FLE, 021302657FLE, 021302658FLE, 021302632FLE, 021302669FLE, 020751093FLE
October 16, 2025	312,871		021302673FLE, 021302674FLE, CCL009259-A, CCL005833-M, CCL009258-A, CCL005833-M, CCL009257-A, RAD-203681, CCL009256-A, CCL009255-A, RAD-203680, CCL009348-A, CCL009347-A, CCL009346-A, RAD-203679, CCL009345-A, RAD-203675, CCL009339-A, CCL009338-A, CCL009344-A, CCL009343-A, CCL005832-M, RAD-203678, RAD-203677, CCL009342-A, CCL005831-M, CCL005830-M, CCL009341-A, CCL009340-A, CCL009336-A, CCL009335-A, CCL009334-A, RAD-203674, CCL009333-A, CCL009331-A, CCL009330-A, CCL005829-M, CCL009329-A, CCL005828-M, CCL009328-A, CCL009327-A, CCL009349-A, CCL009326-A, CCL009332-A, CCL009324-A, CCL009325-A, CCL009323-A, CCL009322-A, CCL009321-A, CCL009320-A, CCL009337-A, 021302675FLE, 020751056FLE, 021302631FLE, 020751057FLE, 020751041FLE, 021302672FLE
October 17, 2025	243,433		021302677FLE, 020750967FLE, 021302706FLE, CCL009319-A, CCL005827-M, CCL009318-A, CCL009317-A, CCL009316-A, CCL009315-A, CCL009314-A, CCL009313-A, RAD-203673, CCL009312-A, RAD-203660, CCL009311-A, RAD-203659, CCL005846-M, CCL005845-M, CCL005844-M, CCL005701-M, RAD-203676, CCL005702-M, CCL005703-M, CCL009307-A, CCL009309-A, CCL009308-A, CCL009306-A, CCL009304-A, CCL009303-A, CCL005688-M, RAD-203648, CCL009302-A, CCL005689-M, CCL009310-A, CCL009296-A, CCL005691-M, CCL009295-A, CCL005692-M, CCL009294-A, CCL009293-A, RAD-203649, 021302659FLE, 021302676FLE, 021302721FLE
October 18, 2025	131,070		021302678FLE, 021302680FLE, CCL005690-M, CCL009291-A, CCL009288-A, CCL009289-A, CCL009290-A, CCL009292-A, CCL009301-A, CCL009300-A, CCL009254-A, CCL009253-A, CCL009299-A, CCL009298-A, CCL009305-A, CCL009297-A, CCL005693-M, CCL009251-A, CCL005694-M, CCL005695-M, RAD-203647, 021302679FLE, 021302719FLE,
October 19, 2025	55,953		CCL009245-A, CCL009248-A, CCL005696-M, CCL009250-A, CCL009242-A, CCL009244-A, CCL009243-A, CCL009249-A, CCL009241-A, CCL005697-M
October 20, 2025	370,977		021302665FLE, 021302682FLE, 021302666FLE, CCL009240-A, RAD-203646, CCL005698-M, CCL009247-A, CCL009225-A, CCL009226-A, CCL009227-A, CCL009228-A, CCL005699-M, CCL005700-M, CCL009240-A, CCL009229-A, CCL009230-A, CCL005843-M, RAD-203645, CCL009231-A, CCL009232-A, CCL009372-A, CCL009373-A, CCL009371-A, RAD-203625, CCL009370-A, CCL009369-A, CCL009368-A, RAD-203623, RAD-203624, CCL005842-M, CCL009367-A, CCL005854-M, RAD-203650, CCL005853-M, CCL009366-A, CCL009365-A, CCL009364-A, RAD-203744, CCL009363-A, CCL005852-M, CCL009362-A, CCL009360-A, CCL009359-A, CCL009358-A, CCL009357-A, CCL009356-A, CCL005851-M, CCL009354-A, CCL009361-A, CCL009353-A, CCL009352-A, CCL009351-A, CCL009350-A, CCL009233-A, CCL009234-A, CCL009235-A, CCL009239-A, CCL009238-A, CCL005849-M, CCL009237-A, 020751044FLE, 021302633FLE, 021302731FLE, 021302730FLE, 021302634FLE, 021302729FLE,

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
October 21, 2025	252,907		021302687FLE, 021302688FLE, 021302686FLE, 021302689FLE, RAD-203745, CCL009236-A, CCL009428-A, CCL009429-A, CCL009430-A, CCL005848-M, CCL009431-A, CCL009432-A, CCL009433-A, CCL005850-M, CCL005847-M, RAD-203746, CCL009427-A, CCL009426-A, CCL009425-A, CCL009424-A, CCL009423-A, CCL005856-M, RAD-203747, RAD-203758, RAD-203757, RAD-203756, CCL005858-M, RAD-203755, CCL009422-A, CCL009421-A, CCL009420-A, CCL009419-A, CCL009463-A, CCL005861-M, CCL009462-A, CCL009461-A, CCL005862-M, CCL009460-A, CCL009459-A, CCL009458-A, CCL009457-A, CCL009455-A, CCL009456-A, 021302724FLE, 021302635FLE, 021302722FLE
October 22, 2025	319,736		021302693FLE, 021302692FLE, 021302691FLE, 021302690FLE, CCL009454-A, CCL009453-A, CCL009452-A, CCL009451-A, CCL009450-A, CCL009449-A, CCL009448-A, CCL009447-A, CCL005857-M, CCL009446-A, RAD-203754, CCL009445-A, RAD-203753, CCL009444-A, RAD-203752, CCL009443-A, RAD-203751, CCL009442-A, CCL009441-A, RAD-203750, CCL009440-A, RAD-203749, CCL009439-A, RAD-203789, CCL005855-M, CCL005868-M, CCL005867-M, CCL009438-A, CCL009437-A, CCL009436-A, CCL005860-M, CCL009355-A, CCL009435-A, CCL009434-A, CCL009418-A, CCL009375-A, CCL009374-A, CCL009376-A, CCL005865-M, CCL009378-A, CCL009377-A, CCL009379-A, CCL009380-A, CCL009381-A, CCL009382-A, CCL005873-M, CCL009383-A, CCL009384-A, CCL005859-M, 021302612FLE, 020751059FLE, 020751058FLE, 021302732FLE,
October 23, 2025	306,013		021302694FLE, 021302695FLE, 021302697FLE, 021302696FLE, CCL009385-A, CCL009386-A, CCL009387-A, CCL009388-A, RAD-203828, RAD-203827, CCL009389-A, CCL009390-A, CCL005894-M, CCL009391-A, CCL009392-A, CCL009394-A, CCL009393-A, CCL009395-A, CCL009396-A, CCL009397-A, CCL005872-M, CCL005866-M, RAD-203826, CCL005871-M, RAD-203825, CCL005870-M, RAD-203790, RAD-203837, CCL005869-M, RAD-203829, CCL009400-A, CCL009401-A, CCL009399-A, CCL009398-A, CCL009402-A, CCL009403-A, CCL009405-A, CCL009406-A, CCL005895-M, CCL009408-A, CCL009409-A, CCL009410-A, CCL009411-A, CCL009407-A, CCL009413-A, CCL005896-M, CCL005897-M, CCL009416-A, CCL009415-A, CCL009417-A, CCL005893-M, 020751060FLE, 021302733FLE, 021302708FLE, 021302637FLE
October 24, 2025	250,125		021302701FLE, 021302700FLE, 021302698FLE, CCL009414-A, CCL009465-A, CCL009466-A, CCL009469-A, CCL009468-A, CCL005898-M, CCL009467-A, CCL009470-A, CCL009471-A, CCL009490-A, CCL009489-A, RAD-203830, CCL009488-A, CCL009487-A, RAD-203831, RAD-203832, RAD-203834, CCL009486-A, RAD-203833, CCL009485-A, CCL005899-M, CCL005900-M, CCL005779-M, CCL009483-A, CCL009484-A, CCL009482-A, CCL009472-A, CCL009498-A, CCL009497-A, RAD-203835, CCL009496-A, CCL009495-A, CCL009494-A, CCL009491-A, CCL009493-A, CCL009481-A, CCL005714-M, CCL009492-A, CCL005715-M, CCL009480-A,
October 25, 2025	110,597		CCL009479-A, CCL009477-A, CCL005716-M, CCL009478-A, CCL009473-A, CCL005717-M, CCL009475-A, CCL009474-A, CCL010508-A, CCL010507-A, CCL005713-M, CCL010496-A, CCL005780-M, CCL009476-A, CCL005781-M, CCL005723-M, RAD-203792, CCL005718-M, 021302710FLE,
October 26, 2025	49,529		CCL010497-A, CCL010495-A, CCL005720-M, CCL010554-A, CCL010555-A, CCL010553-A, CCL010552-A, CCL010566-A, CCL005728-M
October 27, 2025	283,113		CCL010565-A, RAD-203830, CCL010564-A, RAD-203791, CCL010563-A, CCL010562-A, CCL010561-A, CCL010560-A, CCL010559-A, RAD-203794, CCL010558-A, CCL005726-M, CCL010557-A, CCL010577-A, CCL010576-A, CCL010575-A, CCL005727-M, CCL010574-A, CCL010572-A, RAD-203795, CCL010573-A, CCL005725-M, CCL005724-M, RAD-203793, RAD-203819, CCL010571-A, CCL010570-A, RAD-203820, CCL010569-A, CCL005719-M, CCL010568-A, CCL010567-A, CCL010591-A, CCL010590-A, CCL010589-A, CCL010588-A, CCL010587-A, CCL010586-A, CCL005722-M, CCL010585-A, CCL010584-A, CCL010583-A, CCL005733-M, RAD-203816, 021302736FLE, 021302734FLE, 021302614FLE, 021302824FLE, 021302735FLE, 021302615FLE, 020751064FLE

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October 28, 2025	286,422		021302702FLE, 021302740FLE, 021302744FLE, 021302745FLE, CCL010582-A, CCL005736-M, CCL005732-M, CCL010581-A, CCL010580-A, CCL010579-A, RAD-203815, CCL005731-M, RAD-203814, CCL010578-A, CCL010498-A, CCL010499-A, CCL005735-M, CCL010500-A, RAD-203813, CCL010501-A, RAD-203812, RAD-203811, CCL010502-A, CCL010551-A, CCL005730-M, CCL005729-M, CCL010550-A, CCL005721-M, RAD-203809, CCL010549-A, CCL002206-X, CCL010548-A, CCL010547-A, CCL010546-A, CCL010545-A, CCL010544-A, CCL010543-A, CCL005737-M, CCL010542-A, CCL005734-M, CCL010541-A, CCL010540-A, CCL010539-A, CCL010538-A, CCL010537-A, CCL010536-A, CCL010535-A, 020751061FLE, 021302638FLE, 020751063FLE, 021302825FLE,
October 29, 2025	252,246		021302748FLE, 021302747FLE, 021302749FLE, 021302750FLE, CCL010534-A, CCL010533-A, RAD-203810, CCL010532-A, RAD-203818, CCL005738-M, CCL010521-A, RAD-203817, CCL010529-A, CCL010530-A, RAD-203808, CCL010520-A, RAD-203807, CCL005739-M, CCL005826-M, CCL010527-A, CCL010526-A, CCL010525-A, CCL010524-A, CCL010523-A, CCL010522-A, CCL002205-X, CCL005814-M, CCL005815-M, CCL005816-M, CCL010519-A, CCL005817-M, CCL010518-A, CCL010517-A, CCL010516-A, CCL002204-X, CCL010515-A, CCL010514-A, CCL010513-A, CCL005818-M, RAD-203806, RAD-203805, CCL010531-A, 021302784FLE, 020751065FLE, 020750973FLE, 021302785FLE, 021302712FLE
October 30, 2025	302,922		021302754FLE, 021302751FLE, 021302755FLE, 021302752FLE, CCL010505-A, RAD-203804, CCL010506-A, CCL005819-M, CCL010592-A, CCL010596-A, CCL005809-M, CCL010597-A, CCL010595-A, CCL010594-A, RAD-203803, CCL010593-A, RAD-203802, CCL010598-A, CCL010599-A, CCL010600-A, RAD-203801, CCL010601-A, CCL010602-A, CCL010603-A, RAD-203800, CCL010604-A, CCL002203-X, RAD-203799, CCL005808-M, CCL010605-A, RAD-203798, CCL005807-M, CCL010606-A, CCL005810-M, CCL005806-M, CCL010607-A, CCL010608-A, CCL002202-X, CCL010609-A, CCL010610-A, CCL010611-A, CCL010612-A, CCL010613-A, CCL010614-A, CCL010615-A, CCL005821-M, CCL010620-A, CCL005820-M, CCL010621-A, CCL010618-A, CCL010619-A, 021302639FLE, 021302737FLE, 021302787FLE, 021302786FLE
October 31, 2025	170,458		CCL010623-A, CCL005822-M, CCL005823-M, CCL010642-A, CCL010641-A, CCL005824-M, CCL005812-M, CCL010640-A, CCL010639-A, RAD-203797, CCL002201-X, CCL010635-A, CCL005811-M, CCL005813-M, CCL010634-A, CCL010633-A, CCL010632-A, CCL005782-M, RAD-203796, CCL010631-A, CCL010630-A, CCL010629-A, CCL005792-M, CCL005791-M, RAD-203788, RAD-203787, 021302618FLE, 021302714FLE, 021302826FLE, 021302715FLE, 021302827FLE
October 2025 Total	**7,033,185**		
November			
November 1, 2025	68,718		CCL005790-M, CCL005789-M, RAD-203786, CCL010668-A, CCL005788-M, CCL005787-M, CCL010669-A, CCL010670-A, RAD-203783, CCL005786-M, RAD-203782, CCL005825-M, CCL010673-A, CCL010650-A
November 2, 2025	78,228		CCL010695-A, CCL002200-X, CCL010696-A, CCL010697-A, CCL010698-A, CCL005784-M, CCL005785-M, CCL010700-A, CCL005783-M, CCL010699-A, CCL010702-A, CCL010674-A, CCL010672-A, CCL010675-A
November 3, 2025	211,587		CCL010703-A, CCL005793-M, CCL010701-A, CCL010685-A, CCL010705-A, CCL010704-A, CCL010706-A, CCL005794-M, RAD-203784, CCL010707-A, CCL010711-A, CCL010712-A, RAD-203780, CCL010713-A, CCL005795-M, CCL010714-A, CCL010715-A, RAD-203781, RAD-203779, CCL010716-A, CCL010718-A, CCL005796-M, RAD-203778, RAD-203777, CCL005797-M, CCL002199-X, RAD-203776, CCL010721-A, CCL002198-X, CCL010722-A, CCL005799-M, CCL005800-M, 021302789FLE, 021302742FLE, 021302741FLE, 021302790FLE, 021302738FLE, 021302791FLE

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	Leachate	Condensate	Disposal Manifest Number
November 4, 2025	200,654		CCL010720-A, CCL005798-M, RAD-203775, RAD-203774, RAD-203767, CCL005909-M, CCL005801-M, RAD-203766, CCL005802-M, CCL010744-A, RAD-203773, CCL010745-A, CCL002197-X, RAD-203772, RAD-203771, CCL005803-M, CCL005804-M, CCL002195-X, CCL010750-A, CCL010751-A, CCL010752-A, CCL010753-A, CCL010756-A, CCL010757-A, CCL010758-A, CCL005902-M, CCL005903-M, CCL010765-A, CCL010766-A, 021302756FLE, 021302716FLE, 021302717FLE, 021302755FLE, 021302758FLE, 021302640FLE, 021302757FLE
November 5, 2025	227,915		CCL010770-A, CCL010774-A, CCL010755-A, CCL005904-M, CCL010775-A, CCL005905-M, CCL010776-A, RAD-203770, CCL010781-A, RAD-203769, RAD-203768, CCL010783-A, CCL005908-M, CCL010784-A, CCL010785-A, RAD-203764, CCL010786-A, CCL002196-X, CCL005906-M, CCL005907-M, CCL005901-M, RAD-203761, CCL005911-M, CCL005912-M, CCL010804-A, CCL010805-A, CCL010808-A, CCL010809-A, CCL010792-A, CCL002194-X, RAD-203763, RAD-203765, CCL010769-A, CCL010812-A, 021302760FLE, 021302759FLE, 021302641FLE, 021302718FLE, 021302788FLE, 021302762FLE, 021302761FLE, 021302792FLE
November 6, 2025	205,875		CCL010810-A, CCL005913-M, CCL010813-A, RAD-203760, RAD-203759, CCL005914-M, CCL005910-M, CCL010823-A, CCL010825-A, CCL005915-M, RAD-203654, RAD-203653, CCL010827-A, CCL002193-X, RAD-203652, RAD-203785, RAD-203821, CCL010829-A, CCL005916-M, CCL005917-M, CCL002192-X, CCL010833-A, CCL005919-M, CCL005920-M, CCL010840-A, CCL010842-A, CCL010844-A, CCL010845-A, CCL005921-M, 021302763FLE, 021302764FLE, 021302828FLE, 021302616FLE, 021302726FLE, 021302765FLE, 021302766FLE, 021302740FLE
November 7, 2025	204,682		CCL010848-A, CCL005922-M, RAD-203822, CCL010858-A, CCL010860-A, CCL005923-M, CCL010861-A, CCL010866-A, CCL010862-A, RAD-203823, RAD-203762, RAD-203860, CCL005924-M, CCL005925-M, CCL010869-A, CCL010872-A, CCL005932-M, CCL005918-M, CCL002190-X, CCL010873-A, RAD-203859, CCL010876-A, CCL010879-A, CCL005933-M, CCL005934-M, CCL010884-A, CCL010885-A, CCL002191-X, 021302767FLE, 021302768FLE, 021302793FLE, 021302617FLE, 021302794FLE, 021302769FLE, 021302770FLE, 021302795FLE, 021302796FLE
November 8, 2025	77,725		CCL010886-A, CCL005936-M, CCL010889-A, RAD-203858, CCL005935-M, CCL010896-A, CCL010899-A, CCL010902-A, CCL005941-M, CCL005942-M, RAD-203861, CCL010912-A, 021302707FLE, 021302725FLE
November 9, 2025	27,809		CCL005938-M, CCL010933-A, CCL010937-A, CCL005939-M, CCL010934-A, CCL010931-A
November 10, 2025	266,041		CCL010936-A, CCL010935-A, CCL010963-A, CCL010962-A, CCL010958-A, CCL005940-M, CCL010957-A, CCL005943-M, CCL010940-A, CCL010941-A, CCL010942-A, CCL005944-M, CCL010943-A, RAD-203870, CCL002188-X, RAD-203862, RAD-203863, RAD-203864, CCL002207-X, CCL005937-M, CCL005945-M, CCL005946-M, CCL010945-A, RAD-203865, CCL002183-X, CCL005947-M, RAD-203867, CCL005926-M, CCL002186-X, RAD-203868, CCL010944-A, CCL005927-M, CCL010966-A, CCL010972-A, CCL005952-M, CCL010973-A, CCL010974-A, CCL010975-A, CCL010977-A, 021302739FLE, 021302829FLE, 021302619FLE, 021302830FLE, 021302723FLE, 021302660FLE, 021312106FLE, 021312107FLE,
November 11, 2025	234,255		RAD-203877, RAD-203876, CCL010979-A, CCL010980-A, CCL005957-M, RAD-203873, RAD-203853, CCL010968-A, CCL010969-A, CCL010971-A, CCL010992-A, RAD-203875, CCL005953-M, CCL005954-M, RAD-203874, RAD-203852, CCL009573-A, CCL009572-A, CCL009571-A, CCL002596-X, CCL002597-X, CCL005955-M, CCL005956-M, CCL002598-X, CCL002600-X, CCL009564-A, CCL009563-A, CCL009562-A, CCL009570-A, CCL005929-M, CCL005930-M, CCL009559-A, CCL009557-A, RAD-203851, CCL009553-A, CCL009561-A, 021302771FLE, 021302772FLE, 021312108FLE, 021302773FLE, 021302846FLE, 021302774FLE, 021302798FLE

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November 12, 2025	232,006		CCL009556-A, CCL009552-A, CCL009551-A, CCL009550-A, CCL005928-M, CCL005931-M, CCL009546-A, CCL009545-A, CCL005948-M, RAD-203849, CCL002603-X, CCL002513-X, RAD-203848, RAD-203855, RAD-203854, CCL009499-A, RAD-203857, CCL005949-M, CCL005950-M, CCL002512-X, CCL005951-M, CCL002511-X, CCL009502-A, RAD-203856, CCL005958-M, CCL005959-M, CCL009508-A, CCL005960-M, CCL009509-A, CCL009510-A, CCL009511-A, CCL009512-A, 021302776FLE, 021302777FLE, 021302800FLE, 021302801FLE, 021302778FLE, 021302831FLE, 021302775FLE, 021302832FLE, 021302799FLE, 021302847FLE
November 13, 2025	273,080		RAD-203847, CCL009516-A, CCL009517-A, RAD-203846, RAD-203845, CCL009518-A, RAD-203844, RAD-203843, RAD-203842, CCL005962-M, CCL009520-A, CCL005961-M, CCL002510-X, CCL002509-X, RAD-203841, RAD-203840, CCL009524-A, CCL009525-A, CCL009526-A, CCL009527-A, CCL009528-A, CCL005963-M, CCL009529-A, CCL005964-M, CCL005965-M, CCL002508-X, CCL009530-A, CCL002507-X, CCL009531-A, CCL009532-A, CCL009533-A, CCL009534-A, CCL009535-A, CCL009536-A, CCL005967-M, CCL005968-M, CCL005969-M, CCL009537-A, CCL009538-A, CCL009539-A, CCL009540-A, CCL009541-A, CCL009543-A, CCL009547-A, 021302779FLE, 021302780FLE, 021312109FLE, 021302781FLE, 021302782FLE, 021302833FLE
November 14, 2025	275,271		CCL010981-A, CCL010982-A, CCL010983-A, CCL010984-A, CCL010987-A, CCL005970-M, CCL010988-A, CCL010989-A, CCL010990-A, CCL010985-A, RAD-203838, CCL010991-A, CCL009574-A, CCL002505-X, CCL002504-X, RAD-203839, CCL005971-M, CCL005972-M, CCL009575-A, CCL009576-A, CCL005973-M, RAD-203869, CCL002503-X, CCL009577-A, RAD-203907, CCL005966-M, CCL009578-A, CCL009579-A, RAD-203925, CCL009580-A, CCL009591-A, CCL009581-A, CCL009582-A, CCL009592-A, CCL009583-A, CCL009593-A, CCL005976-M, CCL009594-A, CCL005977-M, CCL009595-A, CCL009596-A, 021312136FLE, 021312135FLE, 021302620FLE, 021312137FLE, 021302848FLE, 021312138FLE, 021302803FLE, 021302802FLE, 021302849FLE
November 15, 2025	104,200		CCL009597-A, CCL009598-A, CCL009600-A, CCL009584-A, CCL009585-A, CCL009586-A, CCL009599-A, CCL005980-M, CCL009603-A, CCL009604-A, CCL005978-M, CCL005975-M, CCL009588-A, RAD-203926, CCL005979-M, CCL005981-M, CCL005974-M, CCL009589-A, CCL009590-A
November 16, 2025	66,099		CCL005982-M, CCL002502-X, RAD-203927, CCL009601-A, CCL009602-A, CCL005983-M, CCL009605-A, CCL009606-A, CCL009618-A, CCL009619-A, CCL009607-A, CCL005984-M
November 17, 2025	250,809		RAD-203928, CCL009608-A, CCL009609-A, CCL009610-A, CCL009611-A, CCL009612-A, CCL009613-A, RAD-203931, CCL005992-M, CCL005985-M, CCL009614-A, CCL009615-A, CCL009616-A, CCL009617-A, CCL009620-A, RAD-203930, CCL009621-A, CCL009622-A, CCL002496-X, RAD-203932, RAD-203945, CCL005986-M, CCL002501-X, CCL005987-M, CCL009623-A, CCL005988-M, CCL009624-A, CCL009625-A, CCL002184-X, CCL009627-A, CCL009628-A, CCL009626-A, CCL002584-X, RAD-203922, CCL009629-A, CCL009587-A, CCL009631-A, CCL009632-A, CCL009633-A, CCL009634-A, CCL009635-A, CCL009636-A, CCL009637-A, CCL009638-A, CCL009639-A, CCL005989-M, CCL009630-A
November 18, 2025	215,588		CCL009640-A, CCL009641-A, CCL009642-A, CCL009643-A, RAD-203914, CCL009644-A, CCL009648-A, CCL009649-A, CCL009645-A, RAD-203913, CCL009646-A, CCL009651-A, CCL009647-A, CCL009650-A, RAD-203912, CCL009654-A, CCL002585-X, CCL002586-X, RAD-203923, CCL009656-A, RAD-203872, CCL009657-A, RAD-203878, CCL002550-X, RAD-203888, CCL009658-A, CCL002551-X, CCL009659-A, CCL009652-A, CCL009660-A, CCL009661-A, CCL009653-A, CCL009662-A, CCL009669-A, CCL005996-M, CCL009670-A, CCL009663-A, CCL009667-A, CCL009668-A

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November 19, 2025	238,045		CCL009674-A, RAD-203886, CCL009675-A, CCL009673-A, CCL005993-M, RAD-203887, CCL005994-M, RAD-203889, RAD-203918, RAD-203917, CCL005995-M, CCL002565-X, CCL005997-M, CCL009655-A, CCL002564-X, CCL005991-M, RAD-203916, CCL002557-X, CCL002563-X, CCL002587-X, CCL009686-A, CCL009687-A, CCL009688-A, CCL009689-A, CCL009691-A, CCL009694-A, CCL009695-A, RAD-203906, CCL002553-X, CCL002556-X, 021312141FLE, 021302783FLE, 020751040FLE, 020750974FLE, 021302835FLE, 021312142FLE, 021312166FLE, 021312140FLE, 021302621FLE, 021302834FLE, 020751039FLE, 021312111FLE, 021312110FLE
November 20, 2025	215,094		CCL009696-A, RAD-203919, RAD-203911, CCL002552-X, CCL002569-X, CCL002555-X, CCL009702-A, RAD-203905, RAD-203904, CCL002554-X, CCL002570-X, CCL002588-X, CCL002589-X, RAD-203900, RAD-203902, RAD-203901, CCL002567-X, CCL002590-X, CCL002566-X, CCL002591-X, CCL002575-X, CCL009716-A, CCL009705-A, CCL009706-A, CCL009707-A, CCL009704-A, CCL009715-A, CCL009703-A, CCL002696-X, CCL002568-X, CCL002574-X, 021312143FLE, 021312146FLE, 021312144FLE, 021312139FLE, 021302850FLE, 021312147FLE, 021302852FLE, 021312112FLE
November 21, 2025	169,518		CCL002697-X, CCL002698-X, RAD-203910, CCL002592-X, CCL002593-X, RAD-203909, CCL002699-X, CCL002700-X, CCL002595-X, CCL009722-A, CCL002578-X, CCL002633-A, CCL002634-X, CCL009738-A, CCL009723-A, CCL009724-A, CCL002635-X, CCL009739-A, CCL009740-A, RAD-203882, CCL002636-X, CCL002638-X, 021312145FLE, 021312148FLE, 021312149FLE, 021302851FLE, 021302853FLE, 021312150FLE, 021312167FLE, 021312151FLE, 021312168FLE
November 22, 2025	98,450		CCL002637-X, RAD-203879, CCL002580-X, RAD-203880, RAD-203881, RAD-203883, CCL002577-X, CCL002639-X, 021312152FLE, 021312153FLE, 021312154FLE, 021312155FLE, 021312165FLE, 021302836FLE, 021302854FLE, 021302837FLE, 021312169FLE,
November 23, 2025	49,121		CCL009769-A, CCL002641-X, CCL009760-A, CCL009761-A, CCL009762-A, CCL009770-A, CCL009775-A, CCL009771-A, CCL009763-A, CCL009764-A
November 24, 2025	345,400		CCL009760-A, CCL002640-X, RAD-203884, RAD-203924, CCL009767-A, CCL009768-A, CCL002711-X, CCL009749-A, CCL009750-A, CCL009752-A, CCL002642-X, CCL009751-A, CCL009753-A, CCL009754-A, CCL002643-X, CCL002644-X, CCL002579-X, CCL002187-X, CCL009755-A, CCL002581-X, RAD-203920, RAD-203908, CCL009756-A, RAD-203899, RAD-203898, CCL009759-A, CCL002582-X, CCL009784-A, CCL009785-A, CCL002583-X, CCL002558-X, CCL002702-X, CCL009786-A, CCL009787-A, CCL009788-A, CCL009789-A, CCL002561-X, CCL009792-A, CCL002560-X, CCL009794-A, CCL009795-A, CCL009796-A, CCL009798-A, CCL009813-A, CCL009805-A, CCL009808-A, CCL009797-A, CCL009793-A, CCL009791-A, CCL009790-A, CCL002562-X, RAD-203897, CCL009719-A, CCL002646-X, CCL002645-X, CCL009758-A, CCL009757-A, 021312164FLE, 021312161FLE, 020750975FLE, 021302838FLE, 020750976FLE
November 25, 2025	339,393		CCL009807-A, CCL009810-A, CCL009809-A, CCL009811-A, RAD-203885, CCL009799-A, CCL009812-A, RAD-203894, CCL009818-A, CCL002701-X, CCL002707-X, RAD-203893, CCL002703-X, RAD-203892, CCL002704-X, CCL009814-A, CCL009815-A, CCL002705-X, CCL009816-A, CCL002706-X, CCL002648-X, RAD-203891, CCL009800-A, CCL002649-X, RAD-203890, CCL002650-X, CCL009801-A, CCL009802-A, CCL009803-A, RAD-203871, CCL009804-A, CCL009867-A, CCL009865-A, CCL009866-A, CCL009819-A, CCL002559-X, CCL002506-X, CCL002709-X, CCL009820-A, CCL002647-X, CCL009821-A, CCL009822-A, CCL009823-A, CCL009824-A, CCL009825-A, CCL009828-A, CCL009826-A, CCL009827-A, CCL009830-A, CCL009829-A, CCL009831-A, CCL009834-A, CCL009832-A, CCL009833-A, CCL009836-A, CCL009835-A, 021312163FLE, 021312162FLE, 021312170FLE, 020751062FLE, 021302804FLE

Chiquita Canyon Landfill
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Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
November 26, 2025	244,135		RAD-203915, CCL009837-A, CCL009838-A, CCL009847-A, RAD-203944, CCL002710-X, CCL009848-A, RAD-203943, CCL009839-A, CCL002651-X, CCL009841-A, CCL009840-A, CCL002666-X, CCL009843-A, CCL009844-A, CCL009842-A, CCL002665-X, RAD-203942, CCL002664-X, CCL009845-A, CCL002663-X, RAD-203941, CCL009846-A, CCL009849-A, CCL009850-A, CCL002576-X, RAD-203940, CCL002594-X, CCL009851-A, CCL009854-A, RAD-203934, CCL009860-A, RAD-203935, CCL009859-A, CCL009858-A, CCL009857-A, CCL009856-A, CCL002726-X, CCL002725-X, CCL002652-X, CCL002708-X, 021312173FLE, 021312171FLE, 021312172FLE
November 27, 2025	-		-
November 28, 2025	182,513		CCL002661-X, CCL002667-X, CCL009855-A, CCL002659-X, CCL002729-X, CCL002658-X, CCL002657-X, CCL002728-X, CCL002672-X, CCL002673-X, RAD-203985, CCL002723-X, CCL002724-X, CCL002674-X, CCL002823-X, RAD-208015, CCL002716-X, CCL009852-A, CCL009853-A, RAD-204007, RAD-208013, CCL009889-A, CCL009898-A, CCL009897-A, CCL009896-A, CCL009895-A, CCL009888-A, CCL009894-A, CCL009893-A, CCL009892-A, CCL009887-A, CCL009886-A, CCL009868-A, CCL009817-A
November 29, 2025	153,332		CCL009885-A, CCL009864-A, CCL009861-A, CCL009863-A, CCL002653-X, CCL009862-A, CCL009884-A, CCL009891-A, CCL009890-A, CCL009870-A, CCL009901-A, CCL002675-X, CCL009900-A, CCL002676-X, CCL009869-A, CCL009903-A, RAD-204006, CCL009902-A, CCL002671-X, CCL009911-A, CCL002830-X, RAD-204005, CCL002821-X, CCL002822-X, CCL002656-X, CCL002829-X, CCL009883-A, CCL009881-A
November 30, 2025	60,966		RAD-204004, CCL009909-A, CCL002727-X, RAD-208020, CCL009871-A, CCL009907-A, CCL009906-A, CCL009904-A, CCL002732-X, CCL009910-A, CCL002826-X
November 2025 Total	**5,316,509**		
December			
December 1, 2025	388,054		CCL009876-A, RAD-208019, CCL009875-A, CCL009874-A, CCL009916-A, CCL009873-A, RAD-208014, CCL009915-A, RAD-208018, CCL009914-A, CCL009912-A, CCL009940-A, CCL009882-A, CCL009939-A, CCL002733-X, CCL002721-X, RAD-208017, CCL009872-A, CCL009937-A, RAD-208016, CCL002828-X, CCL002737-X, CCL002660-X, CCL009935-A, CCL009899-A, RAD-208010, CCL002835-X, CCL002654-X, CCL009918-A, CCL009919-A, CCL009924-A, CCL009921-A, CCL009925-A, CCL009926-A, CCL002736-X, CCL002735-X, CCL002839-X, CCL002831-X, CCL009928-A, CCL009929-A, CCL009931-A, CCL009932-A, CCL009933-A, CCL009930-A, CCL009927-A, CCL009922-A, CCL009923-A, CCL009920-A, CCL002741-X, CCL002734-X, CCL009917-A, CCL009936-A, CCL009938-A, CCL002655-X, CCL009913-A, 021312113FLE, 021312114FLE, 021312160FLE, 020750271FLE, 021302805FLE, 021312159FLE, 020750273FLE, 021302840FLE, CCL002832-X, CCL002824-X
December 2, 2025	392,010		CCL009934-A, CCL002834-X, CCL009944-A, CCL009945-A, RAD-208009, CCL009946-A, CCL009947-A, CCL009948-A, CCL009949-A, CCL009950-A, CCL009951-A, CCL009952-A, CCL009953-A, CCL009955-A, CCL009954-A, CCL009956-A, RAD-203993, CCL009957-A, CCL002836-X, CCL002722-X, CCL009958-A, CCL002738-X, CCL002739-X, CCL009959-A, CCL009960-A, CCL009961-A, RAD-203996, RAD-208008, CCL009962-A, CCL002740-X, CCL002837-X, RAD-208011, RAD-203987, CCL002717-X, CCL002718-X, CCL009964-A, CCL009965-A, CCL002719-X, CCL009966-A, CCL002720-X, CCL009969-A, CCL009967-A, CCL009968-A, CCL009970-A, RAD-203988, CCL009971-A, CCL009972-A, CCL002838-X, CCL002841-X, CCL009963-A, CCL009973-A, CCL009974-A, CCL002840-X, CCL009975-A, CCL009976-A, CCL009977-A, CCL009978-A, CCL009979-A, 021302808FLE, 021302807FLE, 021312115FLE, 021302839FLE, 021312157FLE, 021312158FLE, 021302806FLE, 021312156FLE

Chiquita Canyon Landfill
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Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
December 3, 2025	253,208		CCL009980-A, CCL009981-A, CCL002842-X, CCL009982-A, CCL009983-A, CCL009984-A, CCL009985-A, CCL009986-A, RAD-203989, CCL009987-A, CCL009988-A, CCL009989-A, CCL002843-X, CCL010041-A, CCL002731-X, RAD-203990, CCL002668-X, CCL009990-A, CCL009991-A, CCL009992-A, CCL009994-A, CCL009993-A, CCL002820-X, CCL009995-A, CCL010039-A, RAD-203991, CCL002669-X, CCL010036-A, CCL010035-A, CCL010034-A, RAD-203992, CCL010040-A, CCL010027-A, CCL010026-A, CCL010037-A, CCL010038-A, CCL010025-A, CCL010024-A, CCL010023-A, 021312202FLE, 021302841FLE, 021302856FLE, 021312174FLE, 021312201FLE, 021312200FLE, 020750978FLE
December 4, 2025	304,666		CCL010021-A, CCL010022-A, CCL002815-X, CCL010020-A, CCL010019-A, CCL010029-A, CCL010105-A, RAD-203995, CCL010107-A, RAD-204002, CCL010018-A, CCL010017-A, CCL010016-A, CCL010015-A, CCL010014-A, CCL010013-A, CCL009996-A, CCL002816-X, CCL002817-X, RAD-203933, CCL002818-X, CCL010106-A, CCL010048-A, CCL010042-A, RAD-204003, CCL010044-A, RAD-203938, RAD-203937, RAD-203936, CCL010045-A, CCL002844-X, CCL002846-X, CCL002819-X, CCL010046-A, CCL010047-A, CCL010033-A, CCL002814-X, CCL010049-A, CCL010050-A, CCL002848-X, CCL002849-X, CCL002850-X, CCL002851-X, RAD-203929, CCL010055-A, CCL010056-A, CCL010057-A, CCL010043-A, 021312208FLE, 021312175FLE, 021312205FLE, 021312206FLE, 021312176FLE, 021312204FLE, 021312203FLE
December 5, 2025	267,323		CCL002810-X, CCL010087-A, 021312207FLE, 021312177FLE, 021312179FLE, 021302857FLE, 021312178FLE, CCL010058-A, CCL010066-A, RAD-203939, CCL010072-A, CCL010086-A, CCL010093-A, CCL010064-A, CCL010085-A, CCL010090-A, CCL010084-A, CCL010074-A, CCL010070-A, CCL010059-A, CCL010088-A, CCL010051-A, CCL010071-A, CCL010065-A, CCL002802-X, CCL010068-A, CCL010061-A, CCL010100-A, CCL002847-X, CCL010060-A, CCL010062-A, CCL002803-X, CCL010073-A, CCL010089-A, RAD-203999, CCL010083-A, RAD-203998, CCL010063-A, CCL002808-X, CCL010069-A, CCL002807-X, CCL010094-A, CCL002730-X, RAD-204000, RAD-203895, RAD-203997, RAD-204001, RAD-203903
December 6, 2025	120,401		CCL010095-A, CCL010096-A, CCL010097-A, CCL010098-A, CCL010101-A, CCL010102-A, CCL010103-A, CCL002806-X, CCL002804-X, CCL002801-X, CCL002805-X, CCL010104-A, CCL010077-A, CCL010099-A, CCL002800-X, CCL010078-A, RAD-203984, CCL002799-X, CCL010082-A, 021302843FLE, 021302542FLE, 021312180FLE
December 7, 2025	54,455		CCL010081-A, CCL002798-X, CCL010076-A, CCL010147-A, CCL010075-A, CCL010012-A, CCL010011-A, CCL010080-A, CCL010010-A, CCL010009-A
December 8, 2025	271,313		RAD-203985, CCL010118-A, CCL010008-A, CCL010007-A, CCL002852-X, CCL002878-X, RAD-203982, CCL002890-X, CCL002889-X, CCL009997-A, CCL010110-A, CCL010111-A, CCL002853-X, CCL002854-X, CCL010115-A, CCL010114-A, RAD-203979, CCL010116-A, CCL010117-A, CCL002855-X, CCL010120-A, CCL010121-A, CCL010122-A, CCL010124-A, RAD-203978, CCL010125-A, CCL010130-A, CCL002883-X, CCL002882-X, CCL010131-A, CCL010135-A, CCL010136-A, CCL010137-A, CCL009998-A, CCL010123-A, CCL010119-A, CCL002888-X, RAD-203980, CCL010109-A, CCL002887-X, CCL010001-A, RAD-203981, 021312181FLE, 021312116FLE, 020750977FLE, 021302810FLE, 021302811FLE, 021302809FLE,
December 9, 2025	283,774		RAD-203976, CCL010126-A, RAD-203975, RAD-203977, CCL010140-A, RAD-203974, CCL010143-A, CCL010144-A, CCL010128-A, CCL010129-A, CCL002689-X, RAD-203972, RAD-203968, RAD-203967, CCL002881-X, CCL002895-X, CCL002886-X, CCL002885-X, CCL002715-X, CCL002884-X, CCL002877-X, CCL010151-A, CCL010152-A, CCL010154-A, CCL010155-A, CCL010201-A, CCL010156-A, CCL010157-A, CCL010158-A, CCL002891-X, CCL010153-A, CCL010161-A, CCL002712-X, CCL010163-A, CCL010162-A, CCL010149-A, CCL010164-A, CCL010165-A, CCL010148-A, CCL010180-A, CCL010181-A, CCL010182-A, CCL010166-A, 021312210FLE, 021302844FLE, 021302813FLE, 021302812FLE, 021312211FLE, 021312212FLE, 021312209FLE, 021312118FLE

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Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
December 10, 2025	259,677		CCL010167-A, CCL010168-A, RAD-203966, CCL010169-A, CCL010170-A, CCL010172-A, CCL010171-A, CCL010173-A, CCL010174-A, CCL010175-A, RAD-203965, RAD-203964, CCL010176-A, CCL010177-A, RAD-203970, CCL010178-A, CCL010179-A, RAD-203969, CCL002690-X, RAD-203963, CCL002686-X, CCL002694-X, CCL002693-X, CCL010159-A, CCL002687-X, CCL010160-A, RAD-203960, CCL010183-A, CCL002880-X, CCL010184-A, CCL010185-A, CCL010186-A, CCL010187-A, CCL010188-A, CCL010189-A, CCL010190-A, CCL002892-X, CCL002894-X, CCL002893-X, 021302845FLE, 021302859FLE, 021302858FLE, 021312182FLE, 021312216FLE, 021312183FLE, 021312214FLE, 021312213FLE
December 11, 2025	237,756		CCL010191-A, CCL002691-X, CCL010192-A, CCL010193-A, CCL010194-A, CCL010202-A, CCL010195-A, CCL010196-A, RAD-203959, RAD-203958, CCL010197-A, CCL010199-A, CCL002900-X, CCL002879-X, CCL010204-A, CCL002856-X, CCL002876-X, RAD-203953, CCL002813-X, RAD-203961, CCL010207-A, CCL002692-X, CCL010206-A, CCL002857-X, CCL002695-X, CCL010203-A, CCL010200-A, CCL002905-X, CCL002906-X, CCL010216-A, CCL010217-A, CCL010245-A, CCL010218-A, CCL010198-A, RAD-203962, RAD-203957, 021312301FLE , 021312217FLE , 021312184FLE , 021312215FLE , 021312232FLE , 021312219FLE , 021312218FLE
December 12, 2025	189,461		CCL010209-A, CCL002904-X, CCL010210-A, RAD-203956, CCL002858-X, RAD-203955, CCL002901-X, CCL010205-A, CCL002902-X, CCL002899-X, CCL002812-X, CCL002903-X, CCL010225-A, RAD-203952, CCL010221-A, CCL010222-A, CCL010223-A, RAD-203951, CCL002811-X, CCL010230-A, CCL010224-A, CCL010233-A, CCL002896-X, CCL002916-X, RAD-203954, CCL010234-A, 021312186FLE , 021302861FLE , 021302862FLE , 021312263FLE , 021302814FLE , 021312262FLE , 021302815FLE , 021312220FLE
December 13, 2025	93,401		CCL010238-A, CCL010239-A, CCL010240-A, CCL010241-A, CCL002898-X, CCL002897-X, CCL010246-A, CCL002915-X, CCL010247-A, CCL010248-A, RAD-203949, CCL002914-X, CCL002913-X, 021302863FLE, 021302613FLE, CCL010249-A, CCL010250-A
December 14, 2025	44,586		CCL002910-X, CCL010252-A, CCL010253-A, CCL010251-A, CCL010254-A, CCL002909-X, CCL010255-A, RAD-203948
December 15, 2025	260,207		CCL010256-A, RAD-203947, CCL010257-A, CCL010258-A, CCL002908-X, CCL010260-A, CCL010261-A, CCL010262-A, CCL010263-A, CCL010282-A, CCL002907-X, CCL010264-A, CCL010265-A, CCL010266-A, CCL010267-A, CCL010268-A, CCL010269-A, CCL010270-A, RAD-203950, CCL010271-A, RAD-203994, RAD-203946, CCL002953-X, CCL010275-A, CCL002952-X, RAD-208022, CCL002912-X, CCL010277-A, CCL002911-X, CCL010278-A, CCL010279-A, CCL010281-A, CCL010283-A, CCL010284-A, CCL010287-A, CCL010286-A, CCL010280-A, CCL010276-A, RAD-203971, RAD-208021, 021312303FLE, 021302816FLE, 021312304FLE, 021312222FLE, 021312221FLE, 021312120FLE, 021312302FLE
December 16, 2025	212,258		CCL002949-X, RAD-208025, CCL002948-X, RAD-208026, CCL002947-X, CCL010297-A, CCL002946-X, CCL010298-A, RAD-208024, CCL010299-A, CCL002917-X, RAD-208041, CCL010300-A, CCL010301-A, CCL010305-A, CCL010302-A, CCL010303-A, CCL010304-A, CCL002951-X, CCL010307-A, RAD-208042, CCL002919-X, CCL002918-X, CCL002950-X, CCL010308-A, CCL002921-X, CCL010312-A, RAD-208043, CCL010315-A, CCL010311-A, CCL010314-A, CCL010313-A, RAD-208023, 021312121FLE, 021312223FLE, 021312224FLE, 021312225FLE, 021312334FLE
December 17, 2025	206,216		CCL010320-A, CCL002920-X, CCL010318-A, CCL010319-A, CCL002941-X, CCL010321-A, CCL010317-A, RAD-208040, CCL010322-A, RAD-208039, RAD-208038, CCL010323-A, RAD-208037, RAD-208032, RAD-208036, RAD-208035, CCL010324-A, CCL010325-A, CCL002938-X, CCL002937-X, CCL002940-X, CCL010326-A, CCL010327-A, CCL010332-A, CCL010333-A, CCL010334-A, CCL010335-A, CCL010336-A, CCL002923-X, CCL002922-X, 021312228FLE, 021312229FLE, 021312305FLE, 021312261FLE, 021312230FLE, 021312227FLE, 021312185FLE

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Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
December 18, 2025	235,059		CCL010338-A, RAD-208031, CCL010328-A, CCL010339-A, CCL002944-X, RAD-208034, CCL010340-A, CCL010341-A, CCL010343-A, CCL010344-A, CCL002762-X, RAD-208029, RAD-208027, CCL010329-A, RAD-208028, CCL002942-X, CCL002683-X, CCL010346-A, CCL002943-X, CCL010337-A, CCL002936-X, CCL010345-A, CCL010366-A, CCL010370-A, CCL010367-A, CCL010331-A, CCL010348-A, CCL010347-A, CCL010369-A, CCL010330-A, RAD-208030, RAD-208033, CCL010342-A, CCL002945-X, 021312365FLE, 021312364FLE, 021312260FLE, 021312363FLE, 021312226FLE, 021312308FLE, 021312306FLE, 021312259FLE
December 19, 2025	226,297		CCL010368-A, CCL002763-X, CCL002764-X, CCL002766-X, CCL010349-A, CCL002767-X, CCL010350-A, CCL010351-A, CCL010352-A, CCL002684-X, CCL002685-X, CCL002765-X, CCL010353-A, CCL010354-A, CCL002768-X, RAD-208066, CCL010355-A, CCL010356-A, RAD-208046, RAD-208061, CCL010360-A, CCL010359-A, CCL010361-A, CCL010362-A, CCL010363-A, CCL010364-A, CCL010365-A, CCL010371-A, CCL010372-A, CCL010357-A, CCL010373-A, CCL010374-A, CCL010259-A, CCL010273-A, 021312336FLE , 021312366FLE , 021312367FLE , 021312307FLE , 021312264FLE , 021312337FLE , 021312258FLE , 021312257FLE , CCL002780-X
December 20, 2025	117,219		CCL002774-X, CCL010375-A, CCL002775-X, CCL010376-A, CCL002772-X, CCL010377-A, CCL010378-A, RAD-208062, RAD-208063, CCL002770-X, CCL002769-X, CCL002773-X, CCL002771-X, RAD-208064, CCL010358-A, CCL010379-A, CCL010380-A, CCL002776-X, RAD-208065, RAD-208050, CCL010381-A
December 21, 2025	44,270		CCL010382-A, CCL010383-A, CCL002781-X, CCL010384-A, CCL010385-A, CCL010386-A, CCL010387-A, CCL010388-A
December 22, 2025	294,393		CCL002778-X, RAD-208049, RAD-208048, CCL010389-A, CCL010390-A, CCL010391-A, CCL010392-A, CCL010394-A, CCL010395-A, CCL010396-A, CCL002782-X, CCL010397-A, CCL010398-A, CCL010402-A, RAD-208052, CCL010399-A, CCL010400-A, CCL002783-X, CCL010401-A, CCL002796-X, CCL010403-A, CCL002777-X, CCL010404-A, CCL002779-X, CCL010406-A, CCL010408-A, CCL010409-A, CCL010411-A, CCL010412-A, CCL010413-A, CCL010429-A, CCL002789-X, CCL010428-A, CCL010427-A, CCL010425-A, CCL010423-A, CCL010424-A, CCL010426-A, CCL010422-A, CCL010421-A, CCL010393-A, RAD-208047, RAD-208051, RAD-208045, CCL002784-X, CCL010405-A, CCL010407-A, CCL010410-A, 021312309FLE, 021312368FLE, 021312265FLE, 021312333FLE, 021312369FLE
December 23, 2025	234,819		CCL010420-A, CCL010419-A, CCL010418-A, CCL010414-A, RAD-208044, CCL002790-X, RAD-208054, CCL010415-A, RAD-208057, CCL002791-X, CCL002714-X, CCL002795-X, RAD-208071, RAD-208055, CCL002785-X, CCL002931-X, CCL010430-A, RAD-208078, RAD-208077, RAD-208076, CCL010444-A, CCL010445-A, CCL002797-X, CCL010416-A, CCL010446-A, CCL010447-A, CCL010448-A, CCL010449-A, RAD-208084, CCL010451-A, CCL010450-A, CCL010452-A, CCL010465-A, CCL010463-A, CCL010464-A, CCL010462-A, CCL010461-A, 021312362FLE , 021312359FLE , 021312322FLE , 021312254FLE , 021312255FLE
December 24, 2025	105,219		CCL010460-A, CCL010459-A, CCL010458-A, CCL010457-A, RAD-208083, CCL010456-A, CCL010455-A, RAD-208082, CCL010454-A, RAD-208081, RAD-208080, CCL010431-A, CCL010467-A, RAD-208075, CCL010453-A, CCL010466-A, CCL010468-A, CCL010438-A, 021312335FLE
December 25, 2025	-		-
December 26, 2025	160,384		CCL002786-X, CCL010439-A, CCL002787-X, RAD-208074, CCL002788-X, CCL010417-A, CCL002792-X, RAD-208073, CCL010440-A, CCL010441-A, CCL010442-A, CCL010443-A, CCL010432-A, CCL002793-X, RAD-208072, CCL010433-A, CCL002794-X, CCL010434-A, CCL002932-X, RAD-208053, CCL010435-A, CCL010436-A, CCL010437-A, CCL010470-A, CCL002935-X, CCL010471-A, CCL010473-A, CCL010472-A, CCL010474-A
December 27, 2025	88,838		RAD-208056, CCL006002-M, CCL010478-A, CCL006003-M, RAD-208058, CCL006004-M, CCL010479-A, CCL010481-A, CCL006005-M, CCL002934-X, CCL002933-X, CCL006006-M, CCL010491-A, CCL010490-A, CCL010492-A, CCL006007-M
December 28, 2025	66,879		CCL01157-A, CCL01156-A, CCL01152-A, CCL01155-A, CCL01151-A, RAD-208068, CCL01153-A, CCL006010-M , CCL01154-A, CCL01150-A, CCL01144-A, CCL01143-A

Chiquita Canyon Landfill
Site Generated Leachate and Condensate Disposal
2025

Service Date	Quantity (gallons) & Source		
	Leachate	Condensate	Disposal Manifest Number
December 29, 2025	360,113	4,453	CCL010494-A, CCL01142-A, CCL006009-M, CCL01140-A, CCL006011-M, RAD-208060, CCL01138-A, RAD-208067, CCL006012-M, CCL01136-A, CCL01135-A, RAD-208069, CCL002752-X, RAD-208070, CCL01134-A, CCL01133-A, CCL01101-A, CCL006014-M, CCL01103-A, CCL006008-M, CCL002753-X, CCL002761-X, CCL01104-A, CCL01105-A, CCL002760-X, CCL01107-A, CCL01109-A, CCL01110-A, CCL006016-M, CCL01112-A, CCL01117-A, CCL01118-A, CCL002750-X, CCL01121-A, CCL01122-A, CCL01124-A, CCL01125-A, CCL01123-A, CCL01120-A, CCL01119-A, CCL01113-A, CCL01111-A, CCL010487-A, CCL01108-A, CCL01106-A, RAD-208086, RAD-208085, CCL01102-A, CCL006013-M, CCL002751-X, CCL01137-A, CCL01139-A, CCL01141-A, CCL01145-A, 021312313FLE, 021312339FLE, 021312370FLE, 021312266FLE, 021312312FLE,
December 30, 2025	374,519		CCL01128-A, CCL01131-A, CCL01132-A, CCL006017-M, RAD-208087, CCL006018-M, CCL01227-A, CCL01228-A, CCL01226-A, CCL002749-X, CCL006019-M, CCL002758-X, CCL01225-A, CCL01116-A, CCL01129-A, CCL01130-A, CCL006020-M, CCL01223-A, CCL002759-X, CCL01222-A, RAD-208100, CCL01221-A, CCL006021-M, CCL006022-M, CCL01220-A, RAD-208099, CCL002756-X, CCL002757-X, CCL01219-A, CCL01218-A, CCL01217-A, CCL01160-A, RAD-208088, CCL01161-A, CCL006015-M, CCL01162-A, RAD-208089, CCL01163-A, CCL01164-A, CCL01166-A, CCL002754-X, CCL01167-A, CCL01165-A, RAD-208098, CCL01169-A, CCL01168-A, CCL01170-A, CCL01171-A, CCL01184-A, CCL01185-A, CCL01182-A, CCL01181-A, CCL01180-A, CCL006051-M, CCL01175-A, 021312355FLE, 021312356FLE, 021312324FLE, 021302865FLE, 021312267FLE, 021312358FLE, 021312361FLE, 021312310FLE, CCL01224-
December 31, 2025	179,333		CCL002748-X, RAD-208097, CCL006046-M, CCL006023-M, RAD-208096, RAD-208095, CCL006045-M, RAD-208079, RAD-208094, CCL01193-A, CCL01196-A, CCL01195-A, CCL01197-A, CCL006044-M, CCL002747-X, CCL002746-X, RAD-208091, CCL01198-A, CCL01200-A, CCL01201-A, CCL002745-X, CCL002744-X, CCL006049-M, 021302860FLE, 021312354FLE, 021312353FLE, 021312352FLE, 021312351FLE
December 2025 Total	**6,326,108**	**4,453**	
1st Quarter Total	23,001,625	30,719	
2nd Quarter Total	23,305,113	16,243	
3rd Quarter Total	19,893,398	24,175	
4th Quarter Total	18,675,802	4,453	
2025 Year to date Total	**84,875,938**	**75,590**	
3 Month Average=	**6,225,267**	**1,484**	
Forecasted 12 month total	**84,875,938**	**75,590**	

APPENDIX J

DRAINAGE CONTROL SYSTEM

ANNUAL MAINTENANCE REPORT FOR 2025

CHIQUITA CANYON LANDFILL
CASTAIC, CALIFORNIA

DRAINAGE CONTROL SYSTEM

ANNUAL MAINTENANCE REPORT FOR 2025

PREPARED FOR:

WASTE CONNECTIONS
CHIQUITA CANYON LANDFILL
29201 HENRY MAYO DRIVE
CASTAIC, CA 91384

JANUARY 2026

PREPARED BY:

GEO-LOGIC ASSOCIATES
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Geo-Logic
ASSOCIATES

Contents

1. Introduction 1
2. Section B.2.d.i 1
3. Section B.2.d.ii 2

FIGURES

Figure 1 – Drainage Structure Map – South
Figure 2 – Drainage Structure Map – North

APPENDIX A – 2025 Drainage Maintenance Log

1. Introduction

This Drainage System Annual Maintenance Report for 2025 was prepared in compliance with Section B.2.d of the Monitoring and Reporting Program (MRP) for Chiquita Canyon Landfill (CCL).

Requirements of MRP Section B.2.d are as follows:

> *d. A drainage control system maintenance report that includes, but is not limited to, the following information:*
>
> > *i. For the previous twelve months, a summary of the adequacy and effectiveness of the drainage control system to collect and divert the calculated volume of precipitation and peak flows resulting from a 100-year, 24-hour storm;*
> >
> > *ii. A tabular summary of both new and existing drainage control structures, including the types and completion dates of maintenance activities performed for each of these structures; and*
> >
> > *iii. A site map, 11 inches by 17 inches or larger, prepared by either aerial surveillance or a licensed surveyor, indicating the location of the elements listed in Section 2.d.ii above, and the flow direction of all Landfill drainage. The map shall be updated at least annually.*

Sections 2 and 3 below address paragraphs i and ii respectively, and Figures 1 and 2 address paragraph iii.

2. Section B.2.d.i – Summary of Drainage Control System Effectiveness

The Drainage Control System (DCS) consists of a network of culverts, channels, and sedimentation basins, the most significant of which are identified on Figures 1 and 2, and in Table 1 below. As described Section 3.1.3 and 3.1.4 of the Chiquita Canyon Landfill Drainage Analysis by Golder Associates dated June 30, 2015 (Golder Report), the two main perimeter channels (TC-3 and TC-4) and sedimentation basins (DB-1 and DB-2) have sufficient capacity for the 100-year, 24 hour peak flows as determined using hydraulic modeling. However, the true effectiveness of these structures, as well as lesser structures will not be known until the reference 100-year storm is actually experienced, at which time the results will be reported in the DCS maintenance report for that year.

3. Section B.2.d.ii – Tabular Summary Drainage Control Structures

Table 1 below is a summary of the drainage structures at the CCL.

Special notes for the Annual Maintenance Report for 2025:

Facilities located the western side of the landfill identified on Figures 1 and 2 were under modification in Q4 of 2024 through January 2025 while capping events were underway in response to the elevated temperature reaction. Maintenance activities of some of these structures was temporarily discontinued in Q4-2024 and January 2025 as the facilities were modified for a temporary leachate containment contingency as directed by regulatory oversight.

Chiquita Canyon Landfill stopped accepting waste on January 1, 2025.

Table 1 – Existing Drainage Structures

ID	Type	Size	Cleanout Performed
BC-1	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-2	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-3	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-4	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-5	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-6	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-8	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-9	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-10	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-11	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-12	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-13	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-14	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-15	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-16	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-17	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-18	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-19	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-20	Bench Channel	W=8’	Feb Sept Oct Nov Dec
BC-21	Bench Channel	W=8’	Feb Sept Oct Nov Dec
CU-1	Culvert (1 pipe)	D=18”	Seasonal cleanout of inlets and outlets
CU-2	Culvert (1 pipe)	D=18”	Seasonal cleanout of inlets and outlets
CU-3	Culvert (2 pipes)	D=18”	Seasonal cleanout of inlets and outlets
CU-4	Culvert (2 pipes)	D=18”	Seasonal cleanout of inlets and outlets
CU-5	Culvert (3 pipes)	D=18”	Seasonal cleanout of inlets and outlets
DB-1	Desilting Basin	AF=29	Seasonal cleanout in accordance with permit
DB-2	Desilting Basin	AF=22	Seasonal cleanout in accordance with permit
P-1.1	Cor. Steel Pipe	D=60”	Seasonal cleanout of inlets and outlets

P-1.2	Cor. Steel Pipe	D=60”	Seasonal cleanout of inlets and outlets
P-2.1	Cor. Steel Pipe	D=48”	Seasonal cleanout of inlets and outlets
P-2.2	Cor. Steel Pipe	D=48”	Seasonal cleanout of inlets and outlets
P-3	Cor. Steel Pipe	D=36”	Seasonal cleanout of inlets and outlets
P-4	Cor. Steel Pipe	D=24”	Seasonal cleanout of inlets and outlets
P-5	Cor. Steel Pipe	D=36”	Seasonal cleanout of inlets and outlets
P-6	Cor. Steel Pipe	D=36”	Seasonal cleanout of inlets and outlets
P-7.1	Cor. Steel Pipe	D=48”	Seasonal cleanout of inlets and outlets
P-7.2	Cor. Steel Pipe	D=48”	Seasonal cleanout of inlets and outlets
P-14	Cor. HDPE Pipe	D=24”	Seasonal cleanout of inlets and outlets
P-15	Cor. Steel Pipe	D=18”	Seasonal cleanout of inlets and outlets
P-17	Cor. Steel Pipe	D=18”	Seasonal cleanout of inlets and outlets
P-18	Cor. Steel Pipe	D=24”	Seasonal cleanout of inlets and outlets
P-20	Cor. Steel Pipe	D=24”	Seasonal cleanout of inlets and outlets
P-21	Cor. Steel Pipe	D=24”	Seasonal cleanout of inlets and outlets
P-23	Cor. Steel Pipe	D=24”	Seasonal cleanout of inlets and outlets
P-24	Cor. Steel Pipe	D=36”	Seasonal cleanout of inlets and outlets
P-25	Cor. Steel Pipe	D=36”	Seasonal cleanout of inlets and outlets
P-26	Cor. Steel Pipe	D=36”	Seasonal cleanout of inlets and outlets
P-27	Cor. Steel Pipe	D=30”	Feb Sept Oct Nov Dec
P-29	Corr. HDPE Pipe	D=48”	Feb Sept Oct Nov Dec
P-30	Corr. HDPE Pipe	D=24”	Feb Sept Oct Nov Dec
P-31	Corr. HDPE Pipe	D=18”	Seasonal cleanout of inlets and outlets
P-32	Corr. HDPE Pipe	D=18”	Seasonal cleanout of inlets and outlets
P-33	Corr. HDPE Pipe	D=48”	Seasonal cleanout of inlets and outlets
P-36	Corr. HDPE Pipe	D=36”	Seasonal cleanout of inlets and outlets
R-1	Rect. Channel	B=10’	Feb Sept Oct Nov Dec
SL-2	Plastic Sluice	W=10’	Replaced Sandbags January and September
SL-3	Plastic Sluice	W=10’	Replaced Sandbags January and September
SL-6	Plastic Sluice	W=10’	Replaced Sandbags January and September
SL-7	Plastic Sluice	W=10’	Replaced Sandbags January and September
SL-8	Plastic Sluice	W=10’	Replaced Sandbags January and September
SL-14	Plastic Sluice	W=20’	Replaced Sandbags January and September
SL-15	Plastic Sluice	W=20’	Replaced Sandbags January and September
SL-16	Plastic Sluice	W=20’	Replaced Sandbags January and September
SL-17	Plastic Sluice	W=20’	Replaced Sandbags January and September
SL-19	Plastic Sluice	W=20’	Replaced Sandbags January and September
SL-20	Plastic Sluice	W=20’	Replaced Sandbags January and September
SL-21	Plastic Sluice	W=8’	Replaced Sandbags January and September
SL-22	Plastic Sluice	W=15’	Replaced Sandbags January and September
TC-1	Trap. Channel	B=8’	Feb Sept Oct Nov Dec
TC-3	Trap. Channel	B=4’	Feb Sept Oct Nov Dec
TC-4	Trap. Channel	B=2’	Feb Sept Oct Nov Dec

TC-5	Trap. Channel	B=1’	Feb Sept Oct Nov Dec
TC-6	Trap. Channel	B=1’	Feb Sept Oct Nov Dec
TC-7	Trap. Channel	B=1’	Feb Sept Oct Nov Dec
TC-9	Trap. Channel	B=2’	Feb Sept Oct Nov Dec
TC-12	Trap. Channel	B=2’	Feb Sept Oct Nov Dec
TC-13	Trap. Channel	B=2’	Feb Sept Oct Nov Dec
TC-14	Trap. Channel	B=2’	Feb Sept Oct Nov Dec
VC-3	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-4	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-5	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-6	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-7	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-8	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-9	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-10	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-11	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-12	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-13	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-14	Vee Channel	W=2.5’	Feb Sept Oct Nov Dec
VC-15	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-16	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-17	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-18	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-19	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-20	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-21	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-22	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-23	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-25	Vee Channel	W=2’	Feb Sept Oct Nov Dec
VC-26	Vee Channel	W=2’	Feb Sept Oct Nov Dec
VC-27	Vee Channel	W=3’	Feb Sept Oct Nov Dec
VC-28	Vee Channel	W=2’	Feb Sept Oct Nov Dec

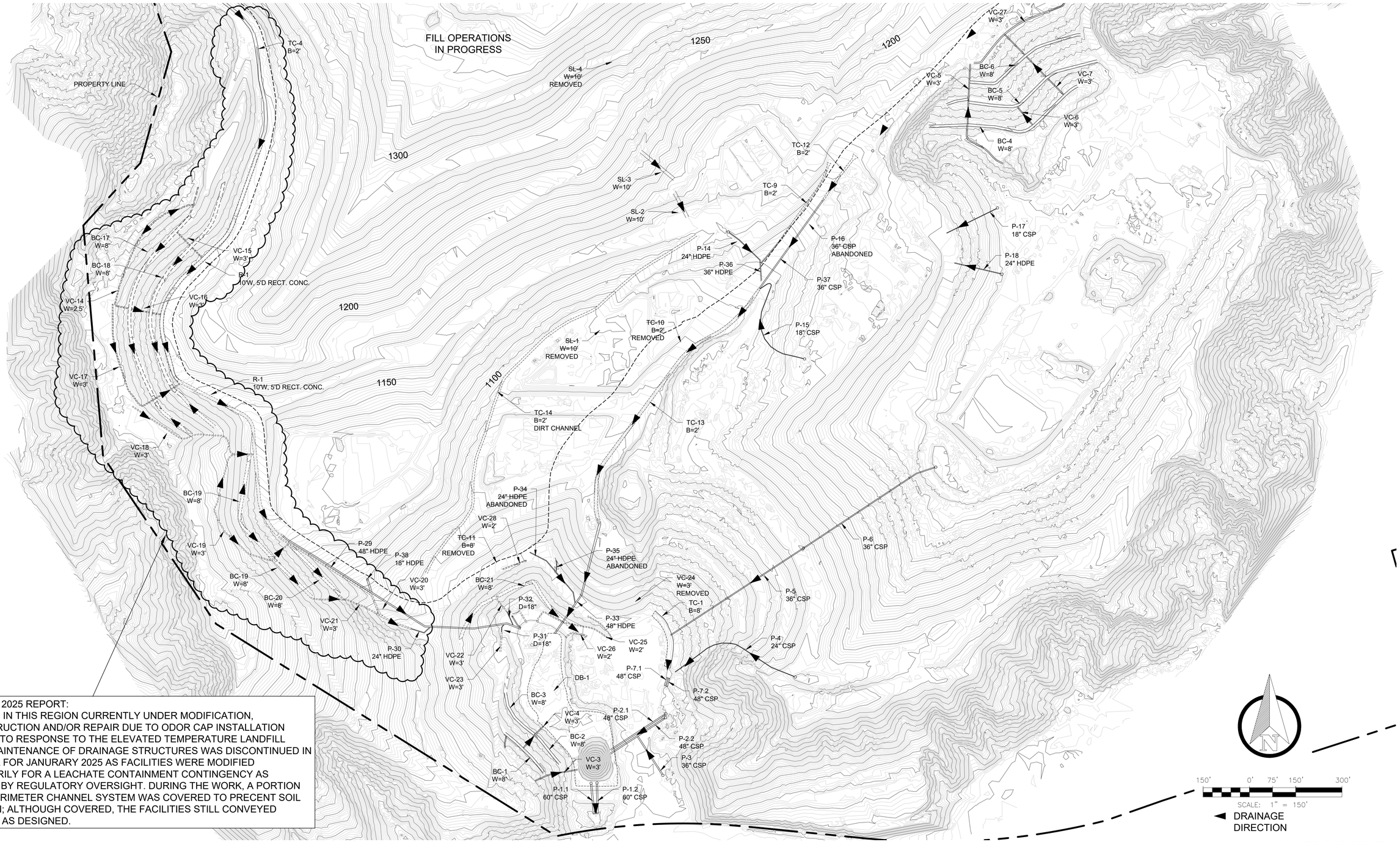
B=Bottom Width, W=Width, D=Diameter, AF=Acre Feet

Removed and Abandoned Drainage Facilities as of December 2024

BC-7	Bench Channel	W=8’	Removed by Operations personnel in 2025
CSC	Cor. Channel	B=4.5’	Removed by Operations personnel in 2021
P-8.1	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction
P-8.2	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction
P-8.3	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction
P-8.4	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction
P-8.5	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction

P-9.1	Cor. Steel Pipe	D=24”	Abandoned in spring 2022 for liner construction
P-9.2	Cor. Steel Pipe	D=24”	Abandoned in spring 2022 for liner construction
P-9.3	Cor. Steel Pipe	D=36”	Abandoned in spring 2022 for liner construction
P-10	Cor. Steel Pipe	D=24”	Abandoned in spring 2022 for liner construction
P-11	Cor. Steel Pipe	D=18”	Abandoned in spring 2022 for liner construction
P-12	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction
P-13.1	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction
P-13.2	Cor. Steel Pipe	D=48”	Abandoned in spring 2022 for liner construction
P-16	Cor. Steel Pipe	D=36”	Abandoned in 2024 due to Flare 3 construction
P-22	Cor. Steel Pipe	D=18”	Abandoned in 2024 for operations
P-28	Cor. Steel Pipe	D=18”	Abandoned in 2024 for operations
P-19	Cor. Steel Pipe	D=12”	Removed by Operations for 2025.
P-34	Corr. HDPE Pipe	D=24”	Item not found on-site
P-35	Corr. HDPE Pipe	D=24”	Item not found on-site
SL-1	Plastic Sluice	W=10’	Abandoned in 2024 for operations
SL-4	Plastic Sluice	W=10’	Abandoned in 2024 for operations
SL-5	Plastic Sluice	W=10’	Abandoned in 2024 for operations
SL-9	Plastic Sluice	W=10’	Abandoned in 2024 for operations
SL-10	Plastic Sluice	W=10’	Abandoned in 2024 for operations
SL-11	Plastic Sluice	W=10’	Abandoned in 2024 for odor cap installation (ETL event)
SL-12	Plastic Sluice	W=10’	Abandoned in 2024 for odor cap installation (ETL event)
SL-13	Plastic Sluice	W=10’	Abandoned in 2024 for odor cap installation (ETL event)
SL-18	Plastic Sluice	W=20’	Item not found on-site
TC-2	Trap. Channel	B=2’	Abandoned in spring 2022 for liner construction
TC-8	Trap. Channel	B=4’	Abandoned in spring 2022 for liner construction
TC-10	Trap. Channel	B=2’	Abandoned in 2025 for operations
TC-11	Trap. Channel	B=8’	Removed due to tank farm project development.
VC-1	Vee Channel	W=2.5’	Abandoned in spring 2022 for liner construction
VC-2	Vee Channel	W=4’	Abandoned in spring 2022 for liner construction
VC-24	Vee Channel	W=3’	Abandoned in 2024 for operations

FIGURES



NOTE FOR 2025 REPORT:
FACILITIES IN THIS REGION CURRENTLY UNDER MODIFICATION, RECONSTRUCTION AND/OR REPAIR DUE TO ODOR CAP INSTALLATION RELATING TO RESPONSE TO THE ELEVATED TEMPERATURE LANDFILL EVENT. MAINTENANCE OF DRAINAGE STRUCTURES WAS DISCONTINUED IN THIS AREA FOR JANURARY 2025 AS FACILITIES WERE MODIFIED TEMPORARILY FOR A LEACHATE CONTAINMENT CONTINGENCY AS DIRECTED BY REGULATORY OVERSIGHT. DURING THE WORK, A PORTION OF THE PERIMETER CHANNEL SYSTEM WAS COVERED TO PRECENT SOIL INTRUSION; ALTHOUGH COVERED, THE FACILITIES STILL CONVEYED DRAINAGE AS DESIGNED.

ISSUED FOR REVIEW

REFERENCE AERIAL TOPO BASED ON AERIAL DRONE SURVEY UPDATED DEC 30, 2025

This drawing has not been published but rather has been prepared by Geo-Logic Associates, Inc. for use by the client named in the title block, solely in respect of the construction operation, and maintenance of the facility named in the title block. Geo-Logic Associates, Inc. shall not be liable for the use of this drawing on any other facility or for any other purpose.

REV. NO.	DATE	DESCRIPTION	APPROVED BY

DATE OF ISSUE: 01/28/2026
DESIGNED BY:
DRAWN BY: J TAMBA
CHECKED BY: C BARRETT
APPROVED BY: C BARRETT

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CHIQUITA CANYON
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29201 HENRY MAYO DRIVE
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CHIQUITA CANYON LANDFILL
CASTAIC, CA
2025 DRAINAGE MAP
DRAINAGE MAP - SOUTH

DWG NO.
Fig 1
PROJECT NO.
2013.0094

P:\SITES\CHIQUITA CYN, LF\DRAINAGE MAINTENANCE REPORT\JAN 2026\CCL DRAINAGE MAP FOR 2025 REPORT 20260123 FINAL REV.DWG January 28, 2026 – 12:20 PM BY: GLA-USER

NOTE FOR 2025 REPORT:
FACILITIES IN THIS REGION CURRENTLY UNDER MODIFICATION, RECONSTRUCTION AND/OR REPAIR DUE TO ODOR CAP INSTALLATION RELATING TO RESPONSE TO THE ELEVATED TEMPERATURE LANDFILL EVENT. MAINTENANCE OF DRAINAGE STRUCTURES WAS DISCONTINUED IN THIS AREA FOR JANUARY 2025 AS FACILITIES WERE MODIFIED TEMPORARILY FOR A LEACHATE CONTAINMENT CONTINGENCY AS DIRECTED BY REGULATORY OVERSIGHT. DURING THE WORK, A PORTION OF THE PERIMETER CHANNEL SYSTEM WAS COVERED TO PRECENT SOIL INTRUSION; ALTHOUGH COVERED, THE FACILITIES STILL CONVEYED DRAINAGE AS DESIGNED.

PROPERTY LINE
BC-13 W=8'
P-26 36" CSP
BC-10 W=8'
P-24 36" CSP
P-25 36" CSP
BC-12 W=8'
TC-6 B=1'
BC-11 W=8'
HIGH POINT
TC-5 B=1'
P-27 30" CSP
BC-9 W=8'
TC-4 B=2'
TC-3 B=4'
TC-7 B=1'
SL-14 W=20'
SL-15 W=20'
CU-1 D=18"
BC-14 W=8'
VC-11 W=3'
VC-10 W=3'
BC-15 W=8'
1350
CU-3 D=18"
CU-2 D=18"
SL-16 W=20'
SL-17 W=20'
CU-4 D=18"
CU-5 D=18"
SL-20 W=20'
SL-19 W=20'
SL-18 W=20' REMOVED
CU-6 D=24"
VC-12 W=3'
BC-16 W=8'
VC-13 W=3'
SL-22 W=15'
SL-21 W=8'
TC-4 B=2'
1350
1300
1250
1200
1410
1400
LIMITS OF ODOR CONTROL CAP INSTALLED AS OF DECEMBER 2025
FILL OPERATIONS IN PROGRESS
SL-4 W=10' ABANDONED
SL-5 W=10' ABANDONED
SL-6 W=10'
SL-7 W=10'
SL-8 W=10'
SL-9 W=10' ABANDONED
SL-10 W=10' ABANDONED
BC-8 W=8'
VC-9 W=3'
BC-7 W=8' REMOVED
TC-3 B=4'
VC-8 W=3'
P-39 40" HDPE
P-22 18" CSP ABANDONED
P-28 18" CSP ABANDONED
TEMPORARY SED BASIN
DB-2
P-21 24" CSP
P-20 24"CSP
P-19 12" CSP REMOVED
SEE FIGURE 1
PROPERTY LINE

200' 0' 100' 200' 400'
SCALE: 1" = 200'
DRAINAGE DIRECTION

ISSUED FOR REVIEW
REFERENCE AERIAL TOPO BASED ON AERIAL DRONE SURVEY UPDATED DEC 30, 2025

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DRAWN BY: J TAMBA
CHECKED BY: C BARRETT
APPROVED BY: C BARRETT

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CHIQUITA CANYON LANDFILL
CASTAIC, CA
2025 DRAINAGE MAP
DRAINAGE MAP - NORTH

DWG NO. Fig 2
PROJECT NO. 2013.0094

P:\SITES\CHIQUITA CYN\LF\DRAINAGE MAINTENANCE REPORT\JAN 2026\CCL DRAINAGE MAP FOR 2025 REPORT 20260123 FINAL REV.DWG January 30, 2026 - 10:32 AM BY: CLA-USER

APPENDIX A

2025 DRAINAGE MAINTENANCE LOG

Chiquita Canyon Landfill BMP Maintenance 2025

Month	Miscelaneous BMP's	Replace sand bags	Clean out drainage channels	Install Silt fencing	Replace hay bales	Straw Wattles	Sed Basin Clean Out	Drain Sed Basin	Erosion Maintenance
January	Cleaned rumble strips as needed.	Replaced sand bags as needed from rain event	Cleaned out drainage as needed.		Replaced damaged hay bales				Fixed erosion from large rain storms
February	Cleaned rumble strips as needed.	Replaced sand bags as needed from rain event	Cleaned out drainage as needed.						Grade on slopes and place greenwaste
March	Cleaned rumble strips as needed.	Replaced sand bags as needed from rain event	Cleaned out drainage as needed.	Silt Fencing replaced as neeed					Grade on slopes and place greenwaste
April	Cleaned rumble strips as needed.	Replaced sand bags as needed from rain event	Cleaned out drainage as needed.	Silt Fencing replaced as neeed					Grade on slopes as needed
May	Cleaned rumble strips as needed.		Cleaned out drainage as needed.						
June	Cleaned rumble strips as needed.		Cleaned out drainage as needed.						
July	Cleaned rumble strips as needed.		Cleaned out drainage as needed.						
August	Cleaned rumble strips as needed.		Cleaned out drainage as needed.						
September	Cleaned rumble strips as needed.		Cleaned out drainage as needed.		As needed		Completed	Completed	Grade on slopes and applied hydroseed
October	Cleaned rumble strips as needed.	In Progress	Cleaned out drainage as needed.	In Progress	As Needed				Fixed erosion from large rain storms
November	Cleaned rumble strips as needed.	In Progress	Cleaned out drainage as needed.	In Progress	As Needed				Fixed erosion from large rain storms
December	Cleaned rumble strips as needed.	Completed	Cleaned out drainage as needed.	Completed	As Needed				

Notes:	The site stopped accepting waste as of January 1, 2025. Streep sweeping activities were modified from daily to weekly January through Novemember and then as needed starting in December.