



January 15, 2026

Enrique Casas
California Regional Water Quality Control Board, Los Angeles Region
320 West Fourth Street, Suite 200
Los Angeles, California 90013

Re: Quarterly EMP Sampling and Evaluation
Chiquita Canyon Landfill, Castaic, California

Dear Dr. Casas:

On behalf of the Chiquita Canyon, LLC (CCL), Chang Environmental has prepared this quarterly groundwater monitoring report in compliance with the Regional Water Quality Control Board's (RWQCB's) Investigative Order R4-2024-0010, dated March 20, 2024 (Investigative Order). The Investigative Order established a new Evaluation Monitoring Program (EMP) at the site in response to the landfill reaction and increased leachate production. Quarterly monitoring of eight existing groundwater monitoring wells (DW-9, 15, 16, 17, 29, 30, 31 and FP-01) for the site monitoring parameters is required. Based on the organic and statistical analysis for data collected from the eight existing groundwater monitoring wells, and disregarding the known historical impacts to well DW-16, there was no new evidence of landfill impacts to groundwater onsite and offsite.

BACKGROUND

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 is closed for the acceptance of waste and has ceased active waste disposal operations.

Groundwater beneath the landfill occurs in the sedimentary bedrock (Pico and Saugus formations) and generally flows southward into the Santa Clara River Valley. The landfill is currently experiencing an elevated temperature landfill (ETLF or reaction) event that is taking place deep within a lined, but older and closed part of the landfill that was filled before CCL took ownership. In March 2024, the RWQCB issued the Investigative Order which, among other requirements, placed the seven on-site groundwater monitoring wells (DW-9, 15, 16, 17, 29, 30 and 31) and one off-site well (FP-01) into the EMP. Of these, DW-16 was already in a pre-existing evaluation monitoring program for the historical volatile organic compound (VOC) impacts to the groundwater from a landfill gas release at the Primary Canyon. Quarterly sampling and evaluation for the site monitoring parameters are required for these wells. Additionally, pursuant to Section 1(e) of the Investigative Order, 40 CFR Part 258 Appendix II (Appendix II) sampling was required for DW-30 and 31 following their installation, which was completed in September 2024. Pursuant to the June 27, 2024 Notice of Violation issued by the

RWQCB, CCL finalized the access agreement with Five Points and installed the offsite groundwater well FP-01 in April 2025. Appendix II installation sampling results for the new offsite well (FP-01) were reported in the Groundwater Monitoring Well Installation Report (Geo-Logic Associates, May 2025). No Appendix II constituents were detected from the initial Appendix II sampling at newly installed wells DW-30, DW-31, and FP-01 that were not already on the constituents of concern list.

FIELD PROCEDURES

Groundwater samples were collected from seven of the existing onsite EMP wells, as specified in the Investigative Order, in October 2025.¹ In addition, at CCL's discretion, samples were collected from wells DW-29, DW-31, and FP-01 in November and December 2025. Off-site well FP-01 was sampled for the EMP monitoring program by Geo-Logic Associates in October 2025 and Chang Environmental in November and December 2025.

Groundwater monitoring wells were purged prior to sampling following the routine low-flow purge method. 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). For the off-site well FP-01 in October, Geo-Logic Associates collected the sample using portable equipment (hand bailer). A minimum of three casing volumes of groundwater was purged from monitoring well FP-01 prior to sampling.

For FP-01 in October 2025, to assess the presence of representative formational water coming into the well, on approximately every ten gallons of purge water, a multiparameter water quality meter was used to monitor dissolved oxygen, electrical conductivity, pH, temperature, oxygen reduction potential, and turbidity. A sample was collected when the water quality was determined to be stable when three consecutive readings of these field parameters stabilized to within 10 percent of each other with no discernible upward or downward trend. Approximately 50 gallons of purge water was containerized and transported to the Chiquita Canyon Landfill for disposal. A dedicated pump was installed in well FP-01 in November 2025 and samples were collected using the low-flow purge method in November and December.

The groundwater samples were analyzed for the monitoring parameters specified in the monitoring and reporting program (MRP).² Water samples were kept on ice in coolers and transported to Enthalpy Analytical, a State-certified laboratory, for analysis. Laboratory reports are included in Attachment A.

¹ 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.

² 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.

SUMMARY OF RESULTS

The nonstatistical organics analysis, which includes VOCs and semi-volatile organic compounds (SVOCs), is a comparison of each detected organic compound with its respective method detection limit (MDL) and practical quantitation limit (PQL). Detected organic compounds in samples for this monitoring period are tabulated in Table 1. There were no VOC detections from wells DW-9, DW-17, and DW-31. For others, nearly all VOC detections were in trace amounts. Only trace concentrations of one VOC, 1,4-dichlorobenzene, were reported from well DW-15 in the October sample. It was also detected in the method blank, indicating that the trace detection in DW-15 may not be representative of groundwater conditions. Only a trace concentration of one VOC, chloromethane, was detected in well DW-29 in the October sample but was not detected in the November and December samples. Only a trace concentration of one VOC, tetrachloroethene, was detected in well DW-30 in the October sample. Because only trace concentrations of a single VOC – below the PQL – were detected in wells DW-15, DW-29, and DW-30, CCL concluded that the exceedance of MPars does not indicate a change in the nature or extent of the release (Monitoring and Reporting Program Section (C)(2)(i)(i)(B)). Relatively low concentrations of SVOC 1,4-dioxane were detected in samples from wells DW-31 and FP-01, with average levels decreasing in DW-31 since last quarter. VOCs reported in well DW-16 are consistent with historical detections at this well. Therefore, there was no indication of any new, measurably significant impacts to groundwater during the current reporting period (October 1-December 31).

The statistical analysis of the indicator monitoring parameters is the 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 statistical results are included as Attachment B and are summarized in Table 2.³ The statistical results for October 2025 sampling event show statistical limit exceedance for chemical oxygen demand (COD) at well DW-16. 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.

Based on the organic and statistical analysis, and disregarding the known impacts to well DW-16, there was no evidence of landfill impacts to groundwater onsite and offsite.

³ As reflected in Table 2, statistical analysis was only conducted in one month of the quarter (October 2025), as required.

Please contact the undersigned at (818) 652-9262 if you have any questions.

Sincerely,

Chang Environmental

A handwritten signature in black ink, appearing to read "Paul D. Chang", with a long horizontal line extending to the right.

Paul D. Chang, C. Hg.
Environmental Geologist

Attachment: Table 1 – Detected Organic Compounds
Table 2 – Summary of Statistical Analysis
Attachment A – Certified Analytical Report and Chain of Custody Documentation
Attachment B – Prediction Limit Plots

TABLE 1

**DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL**

Well ID	Sample Date	Compound	Concentration (ug/L)
EMP			
DW-9	10/21/25	none	
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-17	10/23/25	none	
DW-29	10/21/25	Chloromethane	0.2 J
DW-29	11/20/25	none	
DW-29	12/18/25	none	
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
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

TABLE 1

**DETECTED ORGANIC COMPOUNDS
CHIQUITA CANYON LANDFILL**

Well ID	Sample Date	Compound	Concentration (ug/L)
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 2

SUMMARY OF STATISTICAL ANALYSIS
Chiquita Canyon Landfill, Valencia, California

Groundwater Monitoring Point	Alkalinity as CaCO ₃	Ammonia as N	Chemical Oxygen Demand (COD)	Chloride	Nitrate as N	Potassium, Total	Sodium, Total	Sulfate	Total Dissolved Solids (TDS)	Total Organic Carbon (TOC)
OCTOBER 2025										
DW-9	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-29	W	W	W	W	W	W	W	W	W	W
DW-30	n/a	W	W	W	W	W	W	W	W	n/a
DW-31	n/a	W	W	W	W	W	W	W	W	n/a
FP-01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

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.

Attachment A

**Certified Analytical Report
and Chain of Custody Documentation**



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



Sample Summary

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	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.

Chain of Custody Record				Turn Around Time (rush by advanced notice only)					
Lab No: 545005		Standard:		X		3 Day:			
Page: 1 of 2		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 Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other				Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other	Sample Receipt Temp: 12/18/03
CUSTOMER INFORMATION Company: Chiquita Canyon Landfill Report To: Steve Cassulo Email: Steven.Cassulo@wasteconnections.com Address: 29201 Henry Mayo Drive Castaic, CA, 91384 Phone: 661-257-3655 Fax:				PROJECT INFORMATION Name: Steve Cassulo Number: 661-257-3655 P.O. #: Address: Global ID: L10003464243 Sampled By: Paul Chang				Analysis Request VOCs (EPA 8260B) 1,4-Dioxane Alkalinity, total Bicarbonate as CaCO ₃ Ammonia-N, Nitrate-N COD, Cl, SO ₄ , TDS, TOC B, Ca, Fe, K, Mg, Mn, Na Bromide, Fluoride, Sulfide Carbon dioxide	Test Instructions / Comments Quarterly MPars cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF
Sample ID 1 DW-28 2 DW-9 3 DW-29 4 DW-31 5 QCFB 6 QCTB				Sampling Date 10/21/25 ↓ ↓ ↓ ↓				Sampling Time 838 1011 1121 1222 841 -	
Container No. / Size 14 ↓ ↓ ↓ 3 2				Matrix W ↓ ↓ ↓ ↓ ↓				Pres. var. ↓ ↓ ↓ ↓ ↓	
Signature Relinquished By: [Signature] Received By: [Signature] Relinquished By: [Signature] Received By: [Signature] Relinquished By: [Signature] Received By: [Signature]				Print Name Paul Chang Jim Lin Jim Lin GEMMA O. GEMMA O. Nicole Mendoza				Company / Title CEL EA-NH EA-NH EANH EANH EA	
Date / Time 10/21/25 125p 10-21-25 125p 10-22-25 9:00 10/22/25 9:00 10/22/25 11:55 10-22-25 11:55				 Login 545005					



931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

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ENTHALPY

Date Received: 10.21.25 WO# 545005 Client: LACDPH

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☐ 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: /

☒ 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.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

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?		9	
13) Are VOA vials free from headspace/bubbles > 6mm?	✓		

☐ PM notified

Date Logged 10-21-25 By (print) JWL (sign) [Signature]

Date Labeled 10-21-25 By (print) JWL (sign)

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

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

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

Analysis Results for 545005

545005-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Alkalinity, Total as CaCO ₃	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

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

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

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

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

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

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

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

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	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

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	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	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

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

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

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

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

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

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		

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

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

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

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

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	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 CaCO ₃	ND		mg/L	2.0		11/01/25	11/01/25
Alkalinity, Total as CaCO ₃	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 CaCO ₃	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 CaCO ₃	358.1	354.3	mg/L		1	20	5
Alkalinity, Total as CaCO ₃	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.



McC Campbell 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

McC Campbell 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.





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.



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)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/23/2025 10:15
Date Prepared: 10/27/2025
Project:

WorkOrder: 2510K53
Extraction Method: RSK175
Analytical Method: RSK175
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

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	9200	500	10	10/27/2025 14:43

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/23/2025 10:15
Date Prepared: 10/27/2025
Project:

WorkOrder: 2510K53
Extraction Method: RSK175
Analytical Method: RSK175
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



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 10/27/2025
Date Analyzed: 10/27/2025
Instrument: GC26
Matrix: Water
Project:

WorkOrder: 2510K53
BatchID: 328842
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2510K53

ClientCode: ENO

QuoteID: 252619

☐ 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.



McC Campbell 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:

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.

2510K53

Subcontract Laboratory:

McC Campbell 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:
	<i>Jim</i>	<i>GLS</i>
	Date: <i>10/22/25</i> <i>3pm</i>	Date: <i>10/22/25</i>
	<i>GLS</i>	<i>Danielle Wilson</i>
	Date: <i>10/23/25</i>	Date: <i>10/23/25 10/5</i>
	Date:	Date:

1.7 wet ice
1R33



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project:

Date and Time Received: 10/23/2025 10:15

Date Logged: 10/23/2025

Received by: Danielle Wilson

Logged by: Danielle Wilson

WorkOrder No: 2510K53 Matrix: Water
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: 1.7°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



Sample Summary

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	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.



(714) 771-6900

Page: 1 of 2

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sea Water
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

2 Day:	1 Day:	Custom TAT:

Sample Receipt Temp:

(lab use only)

Analysis Request

Paul Chang

Date / Time

23-25 17.15

5.7
FR 18

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF



545029



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868
(714) 771-6900

Chain of Custody Record

Lab No: 545029

Page: 2 of 2

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: ☒ 5 Day: ☐ 3 Day: ☐

2 Day: ☐ 1 Day: ☐ Custom TAT: ☐

Sample Receipt Temp:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments	
Company:	Name:	Report To:	Number:	Matrix:	Container No. / Size	Pres.	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	Test Instructions / Comments
Chiquita Canyon Landfill	Steve Cassulo	661-257-3655											4.5 IR18 Quarterly MPars cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF
Report To: Steve Cassulo	Number: 661-257-3655	P.O. #:											
Email: Steven.Cassulo@wasteconnections.com	Address: 29201 Henry Mayo Drive	Global ID: L10003464243											
Address: 29201 Henry Mayo Drive	Global ID: L10003464243	Sampled By: Paul Chang											
Phone: 661-257-3655													
Fax:													
1	DW-12	10/22/25	8:17	W	14	var.							
2	DW-17		9:18		14								
3	DW-18		10:20		15								
4	DW-21		11:09		15								
5	PZ-4		12:46		15								
6	QC FB		8:20		3								
7	QC TB		-		2								
8													
9													
10													

Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	10/22/25 14:00
	Alice P.	EA/MT	10/23/25 14:00
	Alice P.	EA/MT	10/23/25 9:00
	Gemma O.	EA/MT	10/23/25 9:00
	Gemma O.	EA/MT	10/23/25 12:15
	Nicole Mendoza	EA	10-23-25 12:15

Section 1: General Info

Section 1: General Info
Date Received: 10/22/25 WO# 545029 Client: Chiquita Landscaping INITIALS: _____

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 10/22/22 By (initials) AKT 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)

☐ 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: 19-21/8.5 #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

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

☐ PM notifiedDate Logged 10.22.20

By (print)

(sign

Date Labeled

By (print)

(sign)

ENTHALPY

Date Received: 10/23/25

WO# 545029

Client: WASTECONNECTIONS

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:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 10/23/25

By (initials) G C/K

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: 10-3

Cooler Temp (°C) #1: 5.7/5.10 #2: 4.5/4.8 #3: / #4: / #5: / #6: /

☐ 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.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

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.)

[illegible]☐ 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

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.

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										

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

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

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
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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
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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
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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

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
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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
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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
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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

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
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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
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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
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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

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
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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
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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
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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

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

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

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

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

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

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

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

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

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		

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

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

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

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

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

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	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 CaCO ₃	ND		mg/L	2.0		11/04/25	11/04/25
Alkalinity, Total as CaCO ₃	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 CaCO ₃	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 CaCO ₃	157.2	339.4	mg/L		73*	20	5
Alkalinity, Total as CaCO ₃	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 CaCO ₃	157.2	151.7	mg/L		4	20	5
Alkalinity, Total as CaCO ₃	157.2	151.7	mg/L		4	20	5

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.



McC Campbell Analytical, Inc.

"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

McC Campbell 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.





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.



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)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/23/2025 10:15
Date Prepared: 10/27/2025-10/28/2025
Project:

WorkOrder: 2510K56
Extraction Method: RSK175
Analytical Method: RSK175
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.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/23/2025 10:15
Date Prepared: 10/27/2025-10/28/2025
Project:

WorkOrder: 2510K56
Extraction Method: RSK175
Analytical Method: RSK175
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



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 10/27/2025
Date Analyzed: 10/27/2025
Instrument: GC26
Matrix: Water
Project:

WorkOrder: 2510K56
BatchID: 328842
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 10/28/2025
Date Analyzed: 10/28/2025
Instrument: GC26
Matrix: Water
Project:

WorkOrder: 2510K56
BatchID: 328937
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2510K56

ClientCode: ENO

QuoteID: 252619

☐ 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.



McC Campbell 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.mcccampbell.com / E-mail: main@mcccampbell.com

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.

2510K56

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

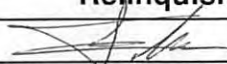
Enthalpy Order: EO-545029

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	Danille W. Sen
	Date: 10/23/25	Date: 10/23/25 10:15
	Date:	Date:

1.7 wet ice
1K33



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project:

Date and Time Received: 10/23/2025 10:15

Date Logged: 10/23/2025

Received by: Danielle Wilson

Logged by: Danielle Wilson

WorkOrder No: 2510K56 Matrix: Water
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: 1.7°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



Sample Summary

Adrienne Thibeault	Lab Job #:	545072
RMC Geoscience	Location:	Chiquita Canyon Sampling / RM22.1077.00\Ph13
775 Baywood Drive	Date Received:	10/22/25
Suite 305		
Petaluma, CA		
94954		

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

Case Narrative

RMC Geoscience	Lab Job Number: 545072
775 Baywood Drive	Location: Chiquita Canyon Sampling /
Suite 305	RM22.1077.00\Ph13
Petaluma, CA 94954	Date Received: 10/22/25
Adrienne Thibeault	

- 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 A100 10/22/15

Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Chain of Custody Record Lab No: 0544 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: 																																																																																																																																																																																																																															
		Matrix: A = Air S = Soil/Solid DW = Drinking Water SD = Sediment Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other																																																																																																																																																																																																																																	
CUSTOMER INFORMATION Company: Geo-Logic Associates Report To: Adrienne Thibeault Email: athibeault@geo-logic.com Address: 2777 E Guasti Rd UNIT 1 Ontario, CA 91761 Phone: (909) 677-1093 Fax:		PROJECT INFORMATION Quote #: Project Name: Chiquita Canyon Sampling Project #: RM22.1077.00\ Ph 13 P.O. #: Address: Global ID: L0003464243 Sampled By: J. Reksstad		Analysis Request <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>1,4-Dioxane (EPA 8270C-SIM)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bicarbonate (as CaCO3)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Alkalinity (as CaCO3)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ammonia -N (EPA 350.1)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Carbon Dioxide (total) (RSK-175)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Chemical Oxygen Demand (EPA 410.4)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Bromide, Chloride, Fluoride, Nitrate-N, Sulfate (EPA 300.0)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Sulfide (SM 4500-S2-D), TOC (SM 5310B)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TDS (SM 2540C)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8260 VOCs (Appx I & Appx II) + DCFM [low level method]</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B)</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>				1,4-Dioxane (EPA 8270C-SIM)	X																			Bicarbonate (as CaCO3)	X																			Total Alkalinity (as CaCO3)	X																			Ammonia -N (EPA 350.1)	X																			Carbon Dioxide (total) (RSK-175)	X																			Chemical Oxygen Demand (EPA 410.4)	X																			Bromide, Chloride, Fluoride, Nitrate-N, Sulfate (EPA 300.0)	X																			Sulfide (SM 4500-S2-D), TOC (SM 5310B)	X																			TDS (SM 2540C)	X																			8260 VOCs (Appx I & Appx II) + DCFM [low level method]	X																			Total Metals - Ca, B, Fe, Mg, Mn, Na, K (EPA 6010B)	X																		
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Test Instructions / Comments Login 545072																																																																																																																																																																																																																																			

Signature	Print Name	Company / Title	Date / Time
	Jesse Reksstad	GLA / Field Tech	10.22.25 12:58
	Anna Roberts	GLA	10.22.25 12:58

 Enthalpy Analytical - Orange 931 W. Barkley Avenue, Orange, CA 92868 Phone 714-771-6900		Chain of Custody Record Lab No: 545072		Turn Around Time (rush by advanced notice only)			
		Page: 2 of 2	Standard: X	3 Day:	5 Day:	Custom TAT:	
Matrix: A = Air S = Soil/Solid = Drinking Water SD = Sediment SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)			
PROJECT INFORMATION		Analysis Request		Test Instructions / Comments			
Quote #:		Project Name: Chiquita Canyon Sampling					
Project #: RM22.1077.00\ Ph 13		P.O. #:					
Address:		Global ID: L0003464243					
Sampled By: J. Reksstad							
Sample ID		Sampling Date		Sampling Time		Matrix	
Container No. / Size		Pres.					
1	FP-01	10-22-25	10:10	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: <i>Juan Pineda</i>		Jesse Reksstad		GLA / field tech		10-22-25 12:58	
1 Received By: <i>Cara Polts</i>		Anna Roberts		GLA		10-22-25 12:58	
2 Relinquished By:							
2 Received By:							
3 Relinquished By:							
3 Received By:							

ENTHALPY

Date Received: 10/22/25 WO# 545072 Client: Geo-Logic

Are custody seals present? ☐ Yes ☒ No

☐ Courier ☒ Walk-In ☐ Field Sampling ☐ Shipping Info: _____

☐ 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: /

☐ 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.

☐ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other

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		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 10/22/25 By (print) ABD

Date Labeled 10/22/25 By (print) AGR

(sign) Ack

(sign) Aditi for AGR

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										

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

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

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

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

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

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

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

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

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

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

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		

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

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

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

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

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

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 CaCO ₃	ND		mg/L	2.0		10/25/25	10/25/25
Alkalinity, Total as CaCO ₃	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 CaCO ₃	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 CaCO ₃	362.8	356.0	mg/L		2	20	2.5
Alkalinity, Total as CaCO ₃	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.



McC Campbell 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

McC Campbell 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.





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.



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)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/24/2025 9:39
Date Prepared: 10/28/2025
Project: EO-545072

WorkOrder: 2510L20
Extraction Method: RSK175
Analytical Method: RSK175
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



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 10/28/2025
Date Analyzed: 10/28/2025
Instrument: GC26
Matrix: Water
Project: EO-545072

WorkOrder: 2510L20
BatchID: 328937
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2510L20

ClientCode: ENO

QuoteID: 252619

☐ 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.



McC Campbell 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-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.

2510120



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-545072

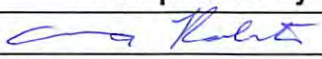
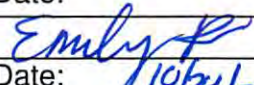
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

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:
		
	Date: 10-23-25 14:53	Date:
	Date:	
	Date:	Date: 10/24/25 0939

0.5 wet
1R33



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-545072

Date and Time Received: 10/24/2025 09:39
Date Logged: 10/24/2025

WorkOrder No: 2510L20 Matrix:
Carrier: FedEx

Received by:
Logged by: Emily Perez

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



Sample Summary

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	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.



(714) 771-6900

Page: 1 of 2

2 Day:	1 Day:	Custom TAT:

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sea Water
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe Q =

Sample Receipt Temp: _____
(lab use only)

Test Instructions / Comments

Login 545193



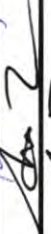
Date / Time

Received By:

Q

le Mendocino

29-25 12.2

 ENTHALPY ANALYTICAL Enthalpy Analytical 931 W Barkely Ave, Orange, CA 92868 (714) 771-6900		Chain of Custody Record Lab No: 545193 Page: 2 of 2		Turn Around Time (rush by advanced notice only) Standard: ☒ 3 Day: ☐ 2 Day: ☐ 1 Day: ☐ Custom TAT: ☐							
		Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other							
CUSTOMER INFORMATION Company: Chiquita Canyon Landfill Report To: Steve Cassulo Email: Steven.Cassulo@wasteconnections.com Address: 29201 Henry Mayo Drive Castaic, CA, 91384 Phone: 661-257-3655 Fax:		PROJECT INFORMATION Name: Steve Cassulo Number: 661-257-3655 P.O. #: Address: Global ID: L10003464243 Sampled By: Paul Chang		Analysis Request Metals: Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Hg, Ni, Se, Ag, Tl, V, Zn 2-Methylphenol, 3&4-Methylphenol, Aniline, Benzyl alcohol, Phenol (8270)							
Test Instructions / Comments 4.4 IR18 Quarterly MPars cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF											
1	DW-14	10/23/25	838	W	15	var.	X				
2	DW-17		1003				X				
3	DW-30		1130				X				
4	DW-15		1232				X				
5	QC/FB		842								
6	QC/TB										
7											
8											
9											
10											
Signature Relinquished By:  Received By:  Relinquished By:  Received By:  Relinquished By:  Received By: 		Print Name Paul Chang Jim Lin Jim Lin GEMA O GEMA		Company / Title CEI SA-NH SA-NH EAH EAH							
Date / Time 10/23/25 200p 10-23-25 200p 10-24-25 900 10/24/25 900 10-24-25 12:25 10-24-25 12:25											

ENTHALPY

Client: WASTECONNECTIONS

Are custody seals present? ☐ Yes ☒ No

☒ Courier ☐ Walk-In ☐ Field Sampling ☐ Shipping Info:

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

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: /

■ 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.

☒ No air samples submitted (skip 3c)

☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

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		

(If no comments are made, then no discrepancies noted.)

[illegible]☐ No additional discrepancies

Date Logged 10/23/25 **By (print)** JWL

(sign)

Date Labeled 10/23/25 By (print) JWL

(sign) *NH*

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

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

Analysis Results for 545193

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

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
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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
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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
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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

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
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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
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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
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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

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
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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
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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
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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

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

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

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

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

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

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

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

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

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		

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

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

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

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

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

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	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 CaCO ₃	ND		mg/L	2.0		10/31/25	10/31/25
Alkalinity, Total as CaCO ₃	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 CaCO ₃	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 CaCO ₃	566.0	568.9	mg/L		0	20	5
Alkalinity, Total as CaCO ₃	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.



McC Campbell 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

McC Campbell 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.





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.



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)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/24/2025 10:09
Date Prepared: 10/28/2025
Project: EO-545193

WorkOrder: 2510K95
Extraction Method: RSK175
Analytical Method: RSK175
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.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/24/2025 10:09
Date Prepared: 10/28/2025
Project: EO-545193

WorkOrder: 2510K95
Extraction Method: RSK175
Analytical Method: RSK175
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



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 10/28/2025
Date Analyzed: 10/28/2025
Instrument: GC26
Matrix: Water
Project: EO-545193

WorkOrder: 2510K95
BatchID: 328937
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2510K95

ClientCode: ENO

QuoteID: 252619

☐ 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.



McC Campbell 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-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.

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:
CO₂ 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:
	<i>Jim L.</i>	<i>GLS</i>
	Date: <i>10.23.25 3pm</i>	Date: <i>10.23.25 3pm</i>
	<i>GLS</i>	<i>Emily R.</i>
	Date: <i>10.24.25</i>	Date: <i>10/24/25 1009</i>
	Date:	Date:

GLS: 563653090
*3.1 wet
1P33*



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-545193

Date and Time Received: 10/24/2025 10:09
Date Logged: 10/24/2025

WorkOrder No: 2510K95 Matrix:
Carrier: Golden State Overnight

Received by:
Logged by: Emily Perez

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



Sample Summary

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	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

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

Enthalpy Analytical
931 W Barkely Ave, Orange, CA 92868
(714) 771-6900

Chain of Custody Record

Lab No: 545362

Page: 1 of 2

Standard: X 5 Day: 3 Day:

2 Day: 1 Day: Custom TAT:

Turn Around Time (rush by advanced notice only)

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
(lab use only)

PROJECT INFORMATION

CUSTOMER INFORMATION

Company: Chiquita Canyon Landfill
Report To: Steve Cassulo
Email: Steven.Cassulo@wasteconnections.com
Address: 29201 Henry Mayo Drive
Castaic, CA, 91384
Phone: 661-257-3655
Fax:

Name: Steve Cassulo
Number: 661-257-3655
P.O. #:
Address:
Global ID: L10003464243
Sampled By: Paul Chang

Analysis Request

1,4-Dioxane X
VOCs (EPA 8260B) X
Alkalinity, total X
Bicarbonate as CaCO₃ X
Ammonia-N, Nitrate-N X
COD, Cl, SO₄, TDS, TOC X
B, Ca, Fe, K, Mg, Mn, Na X
Bromide, Fluoride, Sulfide X
Carbon dioxide X

Test Instructions / Comments

Lab-18
Temp 5:30/40.3

Quarterly MPars

cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 DW-8	10/27/25	845	W	15	var.
2 DW-1		1009			
3 DW-16		1115			
4 DW-3		1220			
5 QC FB		849		3	
6 QCTB				2	
7					
8					
9					
10					

Login 545362

Signature	Print Name	Company / Title	Date / Time
<u>[Signature]</u>	Paul Chang	CEI	10/27/25 14:00
<u>[Signature]</u>	Alice T	EA/NH	10/27/25 14:00
<u>[Signature]</u>	Alice T	EA/NH	10/28/25 9:00
<u>[Signature]</u>	Genaro O.	EA/NH	10/28/25 9:00
<u>[Signature]</u>	Genaro O.	EA/NH	10/28/25 9:00
<u>[Signature]</u>	Leo Brandy	entia	10-28-25/1435
<u>[Signature]</u>	Leo Brandy	entia	10-28-25/1524

Rec: Add'l EA 10/28/25 1524



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868
(714) 771-6900

Chain of Custody Record

Lab No: 545362
Page: 2 of 2

Matrix: A = Air S = Soil/Solid
W = Water DW = Drinking Water SD = Sediment
PP = Pure Product SEA = Sea Water
SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard: X 5 Day: 3 Day:
1 Day: Custom TAT:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other
Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments				
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	2-Methylphenol, 3&4-Methylphenol, Aniline, Benzyl alcohol, Phenol (8270)	Hg, Ni, Se, Ag, Tl, V, Zn	Quarterly MPars cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF				
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													
1	DW-8	10/27/25	845	W	15	var.										
2	DW-1		1009													
3	DW-16		1115													
4	DW-3		1220													
5	QCFB		849													
6	QCTB															
7																
8																
9																
10																

Signature		Print Name	Company / Title	Date / Time
	Paul Chang	COI	EA/MT	10/27/25 14:00
	Alicia	EA/MT	EA/MT	10/27/25 18:00
	Genaro	EA/MT	EA/MT	10/28/25 9:00
	Genaro	EA/MT	EA/MT	10/28/25 9:00
	Leo Basso	EA/MT	EA/MT	10/28/25 12:58
	Leo Basso	EA/MT	EA/MT	10/28/25 14:35
	Leo Basso	EA/MT	EA/MT	10/28/25 15:24

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 10/27/05 WO# 545362 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Custody seals intact on arrival? ☐ N/A ☒ Yes ☐ No ☐ On cooler / box ☐ On samples

Shipping Info: walk-in

Are custody seals present? ☐ Yes ☒ No

Section 3a: Condition / Packaging

☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Date Opened 10/27/05 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: 11.2/10.5 #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 10/27/05 By (print) AxT (sign) [Signature]
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: 40.3

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

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

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

Analysis Results for 545362

545362-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Alkalinity, Total as CaCO ₃	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

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

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

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

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

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

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

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

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	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

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	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	Lim	DF
Chemical Oxygen Demand	108.0	ND	100.0	mg/L	108%		75-125	10	20	2

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

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

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

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

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

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

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

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

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

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

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

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	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 CaCO ₃	ND		mg/L	2.0		11/05/25	11/05/25
Alkalinity, Total as CaCO ₃	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 CaCO ₃	366.0	358.5	mg/L		2	20	5
Alkalinity, Total as CaCO ₃	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 CaCO ₃	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.



McC Campbell Analytical, Inc.

"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

McC Campbell 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.





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.



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)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/28/2025 9:48
Date Prepared: 10/30/2025
Project: EO-545362

WorkOrder: 2510N46
Extraction Method: RSK175
Analytical Method: RSK175
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.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 10/28/2025 9:48
Date Prepared: 10/30/2025
Project: EO-545362

WorkOrder: 2510N46
Extraction Method: RSK175
Analytical Method: RSK175
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	DE	Date Analyzed
Carbon Dioxide	3900	200	200	4	10/30/2025 15:37

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 10/30/2025
Date Analyzed: 10/30/2025
Instrument: GC26
Matrix: Water
Project: EO-545362

WorkOrder: 2510N46
BatchID: 329126
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2510N46

ClientCode: ENO

QuoteID: 252619

☐ 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.



McC Campbell 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-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.

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:
	q15: 54.3663522	q15: 54.3663522
	Date:	Date: 10/28/25 09:48



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-545362

Date and Time Received: 10/28/2025 09:48

Date Logged: 10/28/2025

Received by: Gemma Gomez

Logged by: Gemma Gomez

WorkOrder No: 2510N46 Matrix: Water
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



Sample Summary

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	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

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No:

547422

Page:

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of

1

Turn Around Time (rush by advanced notice only)

Standard:

3 Day:

5 Day:

1 Day:

2 Day:

1 Day:

Custom TAT:

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Sample Receipt Temp:

Preservatives:
1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
4 = H₂SO₄ 5 = NaOH 6 = Other

(lab use only)

CUSTOMER INFORMATION

Company: Chiquita Canyon Landfill

Report To: Steve Cassulo

Email: Steven.Cassulo@wasteconnections.com

Address: 29201 Henry Mayo Drive

Phone: 661-257-3655

Fax: 661-257-3655

Global ID: L10003464243

Sampled By: Paul Chang

PROJECT INFORMATION

Name: Steve Cassulo

Number: 661-257-3655

P.O. #:

Address:

Global ID: L10003464243

Sampled By: Paul Chang

Analysis Request

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

Test Instructions / Comments

cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

Quarterly MPars

1.1 IR 15 to 14

6.0 IR 15

11/20/25

11/21/25

11/21/25

11/21/25

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Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:

1 Relinquished By:

2 Received By:

2 Received By:

2 Received By:

ENTHALPY

Date Received: 11.20.25 WO# 547422 Client: CHIQUITA Cny LF-GW

Are custody seals present? ☐ Yes ☒ No

Shipping Info: Walk in or Pickup☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified)

Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ 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: /

☒ No microbiology samples submitted (skip 3b)

☐ Adequate headspace for microbiology analysis.

☒ No air samples submitted (skip 3c)☐ 1.4L Canisters ☐ 6L Canisters ☐ Tedlar Bags ☐ MCE Cassettes ☐ Sorbent Tubes ☐ Other _____

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

Date Logged 11-20-25 By (print) JWL (sign) [Signature]
Date Labeled 11-20-25 By (print) JWL (sign) [Signature]

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: 10.7

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)

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

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

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

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 CaCO ₃	280		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Alkalinity, Total as CaCO ₃	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

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

Analysis Results for 547422

547422-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
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Method: SM 4500-S2-D
Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	388500	11/25/25	11/25/25	TXC
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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
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Method: SM2320B
Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO ₃	410		mg/L	10		5	389020	12/03/25	12/03/25	WWC
Alkalinity, Total as CaCO ₃	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
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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
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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

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

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

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

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1318820	Batch: 389023
Matrix (Source ID): Water (547422-001)	Method: EPA 350.1	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	Batch: 389023
Matrix (Source ID): Water (547422-002)	Method: EPA 350.1	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	Batch: 389023
Matrix (Source ID): Water (547422-002)	Method: EPA 350.1	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	Batch: 389360
Matrix (Source ID): Water (548004-005)	Method: EPA 410.4	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	Batch: 389360
Matrix (Source ID): Water (548004-005)	Method: EPA 410.4	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	Batch: 389360
Matrix: Water	Method: EPA 410.4	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

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

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

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

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

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

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

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

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 CaCO ₃	ND		mg/L	2.0		12/03/25	12/03/25
Alkalinity, Total as CaCO ₃	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 CaCO ₃	973.6	1000	mg/L	97%		90-110

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 CaCO ₃	83.96	85.85	mg/L		2	20	1
Alkalinity, Total as CaCO ₃	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.



McC Campbell 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

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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.



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)



Analytical Report

Client: Enthalpy Analytical
Date Received: 11/21/2025 9:56
Date Prepared: 11/25/2025
Project: EO-547422

WorkOrder: 2511F57
Extraction Method: RSK175
Analytical Method: RSK175
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



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 11/25/2025
Date Analyzed: 11/25/2025
Instrument: GC26
Matrix: Water
Project: EO-547422

WorkOrder: 2511F57
BatchID: 330893
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2511F57

ClientCode: ENO

QuoteID: 252619

☐ 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.



McC Campbell 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.



931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

2511F57

Subcontract Laboratory:

McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 252619
PO #: PO-079649

Enthalpy Order: EO-547422

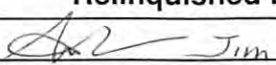
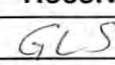
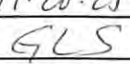
PM: Zach Barker
Email: zach.barker@enthalpy.com
CC: incomingreports@enthalpy.com
Phone: (714) 771-6900

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:
		
	Date: 11-20-25 3pm	Date: 11-20-25
		
	Date: 11-21-25	Date:
	Fedex: 88625101376	
	Date:	Date: 11/21/25 04:56



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-547422

Date and Time Received: 11/21/2025 09:56

Date Logged: 11/21/2025

Received by: Gemma Gomez

Logged by: Gemma Gomez

WorkOrder No: 2511F57 Matrix: Water
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



Sample Summary

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	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

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 549310

Page: 1 of 1

Matrix: A = Air S = Soil/Solid

W = Water DW = Drinking Water SD = Sediment

PP = Pure Product SEA = Sea Water

SW = Swab T = Tissue WP = Wipe O = Other

Turn Around Time (rush by advanced notice only)

Standard:

2 Day:

1 Day:

Preservatives:

1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃

4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:

36/3-8

(lab use only)

PROJECT INFORMATION

Name: Steve Cassulo

Number: 661-257-3655

P.O. #:

Address:

Global ID: L10003464243

Sampled By: Paul Chang

Analysis Request

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

Test Instructions / Comments

Quarterly MPars

cc report to: pchang@changenvironmental.com Basic EDD & GeoTracker EDF

CUSTOMER INFORMATION

Company: Chiquita Canyon Landfill

Report To: Steve Cassulo

Email: Steven.Cassulo@wasteconnections.com

Address: 29201 Henry Mayo Drive

Castaic, CA, 91384

Phone: 661-257-3655

Fax:

Sample ID

1 DW-29

2 DW-31

3 FP-01

4 RGTB

5

6

7

8

9

10

Sampling Date

12/18/25

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Sampling Time

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Matrix

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Container No. / Size

13

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Pres.

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Signature

Paul Chang

Jim Lin

John Zachman

John Zachman

Permy

Print Name

Paul Chang

Jim Lin

John Zachman

John Zachman

Permy

Company / Title

COI

SA-NH

SA-NH

EA/NH

EA/NH

EA

Date / Time

12/18/25 11:55

12/18/25 11:55

12/19/25 07:50

12/19/25 07:50

12/19/25 11:00

12/19/25 11:40



549310



Order: 9000 12/19/25 12:27 Rec'd: NCM EA 12-19-25 12:27

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 12.18.25 WO# 549310 Client: Chiquita Canyon Gul

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

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
Matrix: Water

Collected: 12/18/25 10:00

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

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

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

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

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

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

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

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	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	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

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

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

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

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

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		

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

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 CaCO ₃	ND		mg/L	2.0		12/23/25	12/23/25
Alkalinity, Total as CaCO ₃	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 CaCO ₃	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 CaCO ₃	327.3	313.4	mg/L		4	20	2.5
Alkalinity, Total as CaCO ₃	438.7	420.2	mg/L		4	20	2.5

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.



McC Campbell Analytical, Inc.

"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

McC Campbell 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.





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.



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)



Analytical Report

Client: Enthalpy Analytical
Date Received: 12/19/2025 10:10
Date Prepared: 12/23/2025
Project: EO-549310

WorkOrder: 2512D85
Extraction Method: RSK175
Analytical Method: RSK175
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

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
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

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	31,000	2000	2000	40	12/23/2025 16:49

Analyst(s): CLO



McC Campbell Analytical, Inc.

"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
<http://www.mcccampbell.com> / E-mail: main@mcccampbell.com

Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 12/23/2025
Date Analyzed: 12/23/2025
Instrument: GC26
Matrix: Water
Project: EO-549310

WorkOrder: 2512D85
BatchID: 332669
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
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

McCampbell Analytical, Inc.



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Pittsburg, CA 94565-1701
(925) 252-9262

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CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2512D85

ClientCode: ENO

QuoteID: 252619

☐ 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	ClientSampleID	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.



McC Campbell 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.mcccampbell.com / E-mail: main@mcccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-549310

Work Order: 2512D85

Client Contact: Zach Barker

QC Level: LEVEL 2

Contact's Email: zach.barker@enthalpy.com

Comments

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.

2512085


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:
	<i>[Signature]</i>	<i>GLS</i>
	Date: 12.18.25 3pm	Date: 12.18.25 3pm
	<i>GLS</i>	<i>[Signature]</i>
	Date: 12.19.25	Date: 12/19/25 1010
	Date:	Date:

 3.9° wet
12/19/25

TN: 563874986



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-549310

Date and Time Received: 12/19/2025 10:10
Date Logged: 12/19/2025

WorkOrder №: 2512D85 Matrix:
Carrier: Golden State Overnight

Received by:
Logged by: Valerie Alfaro

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:

Attachment B

Prediction Limit Plots

Prediction Limit

Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 12/27/2025, 8:59 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
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-29	323.6	189.7	10/21/2025	290	No	18	0	No	0.005	Param Intra
Alkalinity, Total as CaCO3 (mg/L)	DW-9	246.1	98.93	10/21/2025	180	No	8	0	No	0.005	Param Intra
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-29	0.073	n/a	10/21/2025	0.05ND	No	18	94.44	n/a	0.05263	NP Intra (NDs)
Ammonia-N (mg/L)	DW-9	0.097	n/a	10/21/2025	0.05ND	No	8	75	n/a	0.1111	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	10/21/2025	0.05ND	No	4	75	n/a	0.2	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-29	34.88	n/a	10/21/2025	13	No	17	17.65	No	0.01	Param Intra
Chemical Oxygen Demand (mg/L)	DW-9	9	n/a	10/21/2025	9	No	8	62.5	n/a	0.1111	NP Intra (NDs)
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	10/21/2025	33	No	4	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
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-29	110.7	n/a	10/21/2025	90.29	No	17	0	No	0.01	Param Intra Deseas
Chloride (mg/l)	DW-9	103.3	n/a	10/21/2025	79	No	8	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	10/21/2025	100	No	4	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-29	4.116	n/a	10/21/2025	2.4	No	17	0	No	0.01	Param Intra
Nitrate as N (mg/L)	DW-9	2.696	n/a	10/21/2025	2.3	No	8	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	10/21/2025	0.05ND	No	4	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-29	2.873	n/a	10/21/2025	1.3	No	18	0	No	0.01	Param Intra
Potassium (mg/L)	DW-9	2.477	n/a	10/21/2025	1.3	No	8	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	3.579	n/a	10/21/2025	1.366	No	4	0	No	0.01	Param Intra Deseas
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
Sodium (mg/L)	DW-29	305	n/a	10/21/2025	220	No	17	0	No	0.01	Param Intra
Sodium (mg/L)	DW-9	559.9	n/a	10/21/2025	380	No	8	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	10/21/2025	130	No	4	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

Prediction Limit

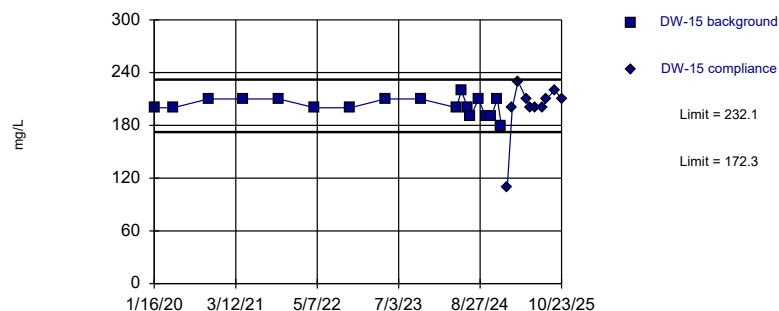
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019 Printed 12/27/2025, 8:59 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Sulfate (mg/L)	DW-29	459.5	n/a	10/21/2025	338.9	No	17	0	No	0.01	Param Intra Deseas
Sulfate (mg/L)	DW-9	750	n/a	10/21/2025	680	No	8	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	10/21/2025	350	No	4	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-29	1070	n/a	10/21/2025	908.2	No	17	0	No	0.01	Param Intra Deseas
Total Dissolved Solids (mg/L)	DW-9	1502	n/a	10/21/2025	1300	No	8	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	10/21/2025	1100	No	4	0	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-29	13.52	n/a	10/21/2025	4.6	No	18	0	No	0.01	Param Intra
Total Organic Carbon (mg/L)	DW-9	7.824	n/a	10/21/2025	1.1	No	8	0	No	0.01	Param Intra

Within Limits

Prediction Limit

Intrawell Parametric



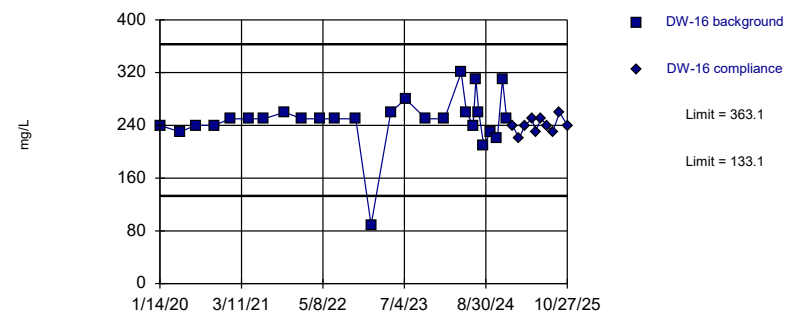
Background Data Summary: Mean=202.2, Std. Dev.=10.03, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



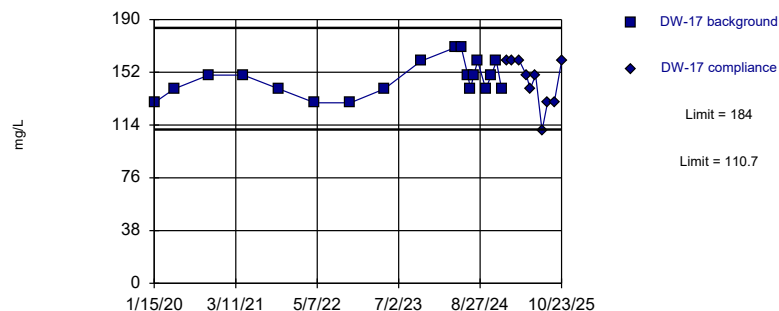
Background Data Summary: Mean=248.1, Std. Dev.=40.63, n=27. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



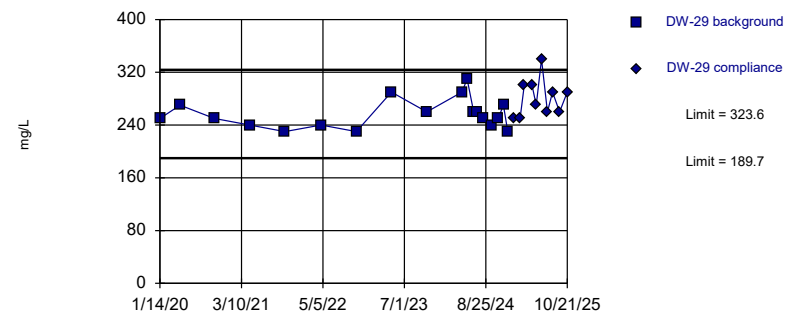
Background Data Summary: Mean=147.4, Std. Dev.=12.4, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric



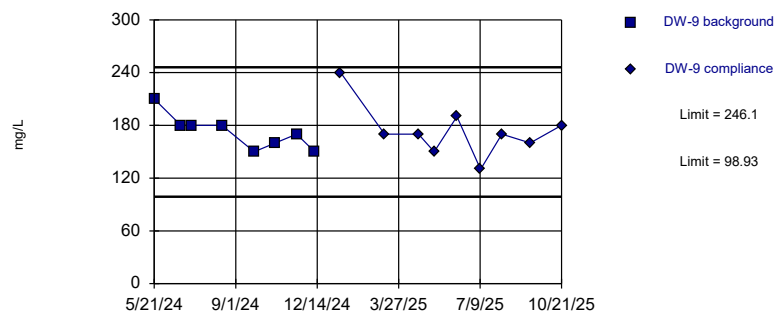
Background Data Summary: Mean=256.7, Std. Dev.=22.49, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Alkalinity, Total as CaCO3 Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limits

Prediction Limit

Intrawell Parametric

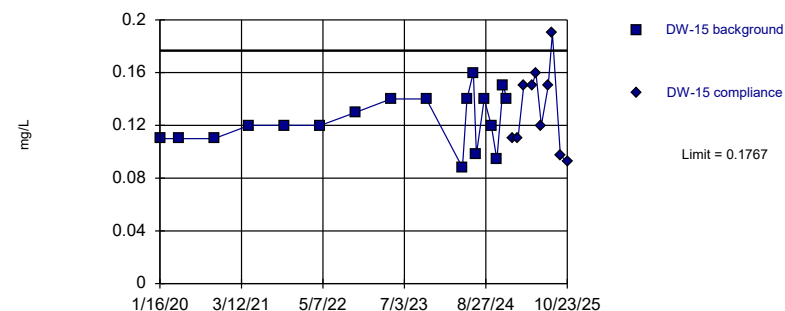


Background Data Summary: Mean=172.5, Std. Dev.=19.82, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

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.

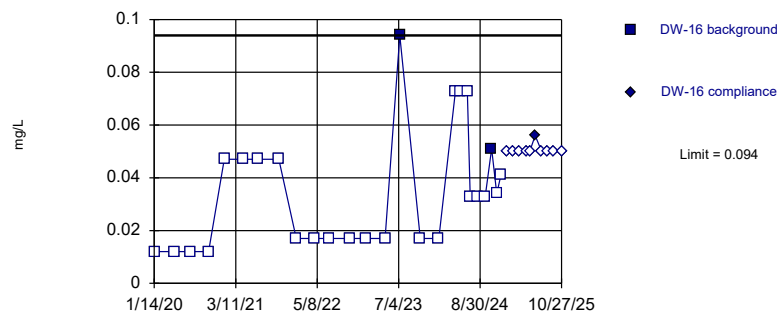
Constituent: Alkalinity, Total as CaCO3 Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Ammonia-N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric

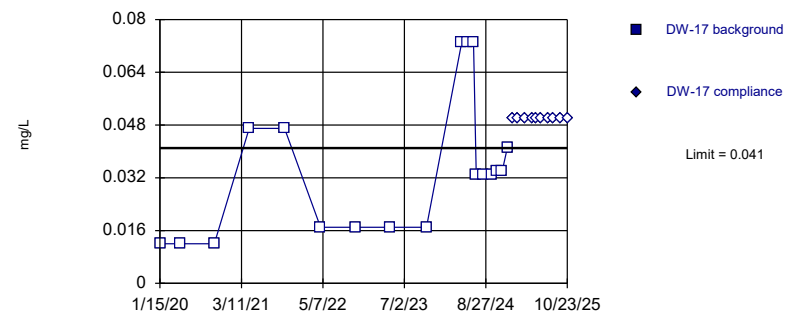


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 92.31% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

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.

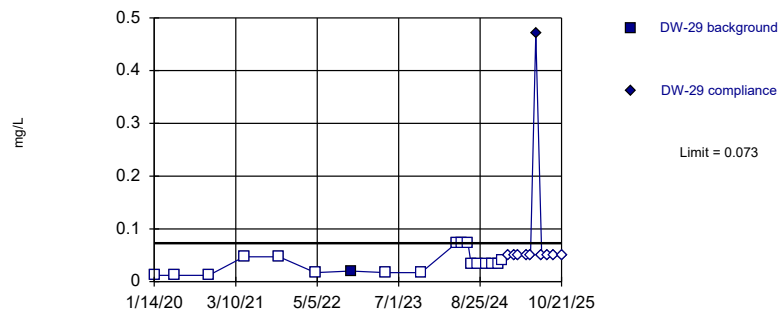
Constituent: Ammonia-N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Ammonia-N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



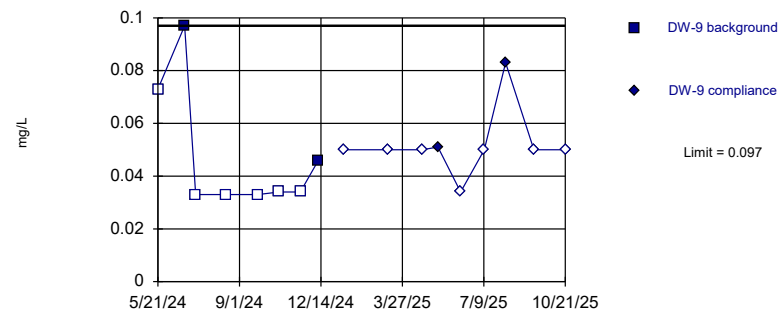
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 94.44% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



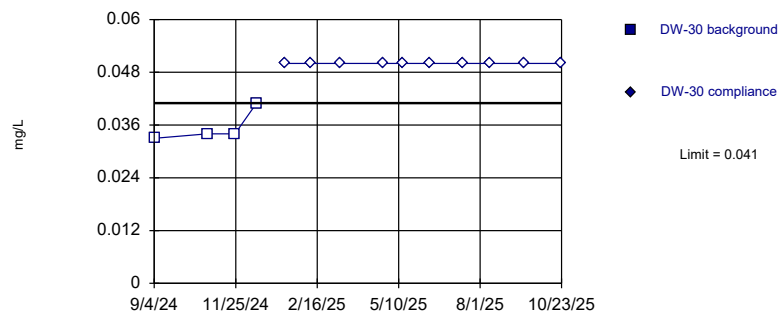
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 75% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Ammonia-N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



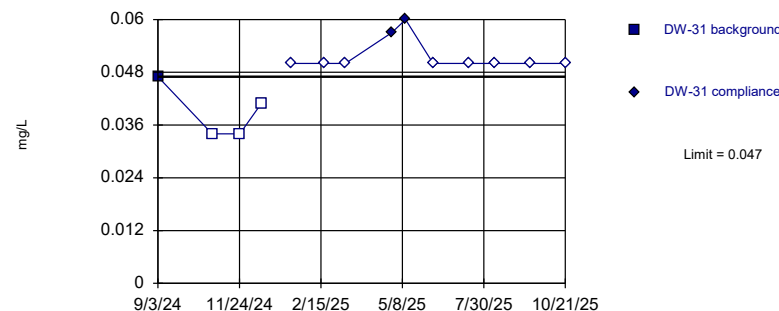
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 4) were censored; limit is most recent reporting limit. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



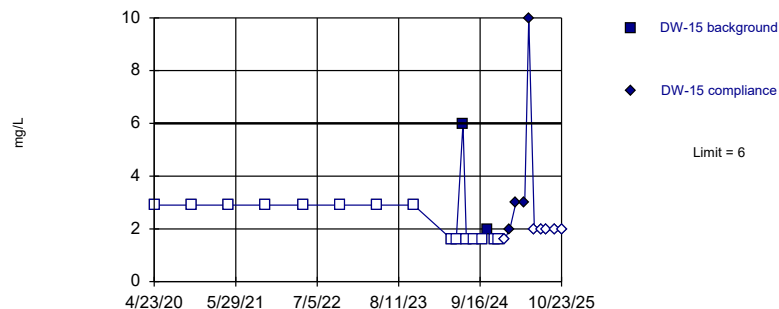
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 4 background values. 75% NDs. Report alpha = 0.2. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Ammonia-N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



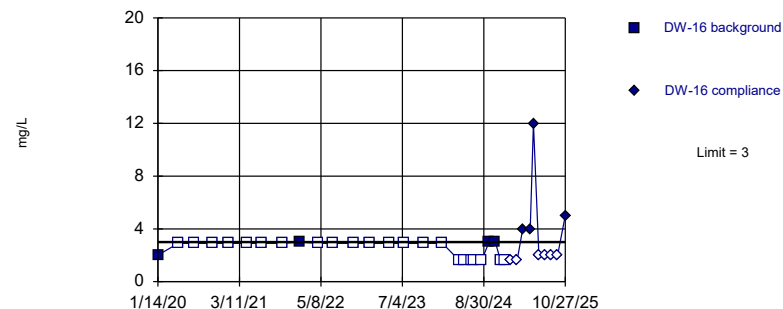
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Exceeds Limit

Prediction Limit

Intrawell Non-parametric



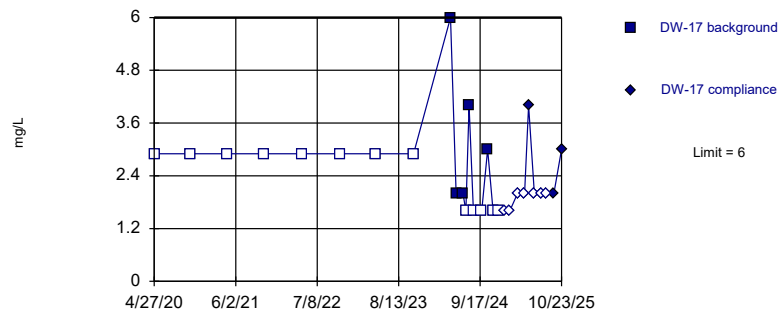
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 26 background values. 84.62% NDs. Report alpha = 0.03704. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



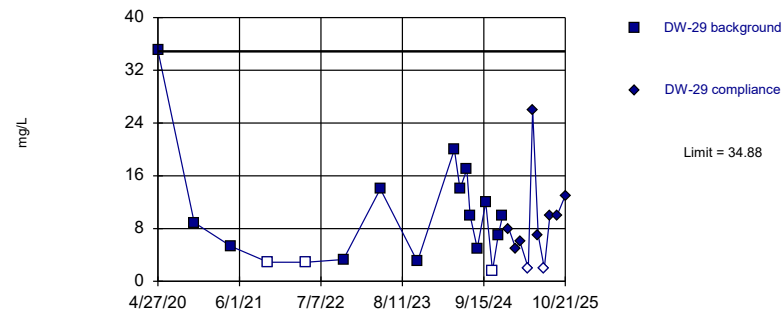
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 18 background values. 72.22% NDs. Report alpha = 0.05263. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chemical Oxygen Demand Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



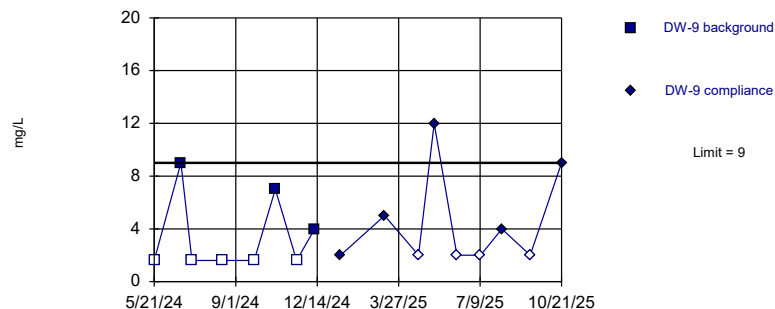
Background Data Summary (after Cohen's Adjustment): Mean=9.152, Std. Dev.=9.677, n=17, 17.65% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



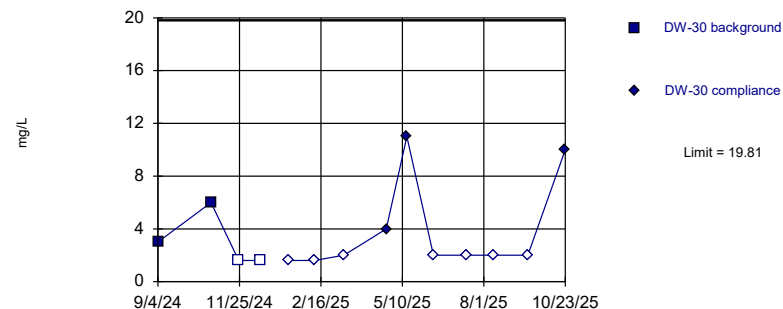
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 8 background values. 62.5% NDs. Report alpha = 0.1111. Most recent point compared to limit. Insufficient data to test for seasonality: data were not deseasonalized.

Constituent: Chemical Oxygen Demand Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



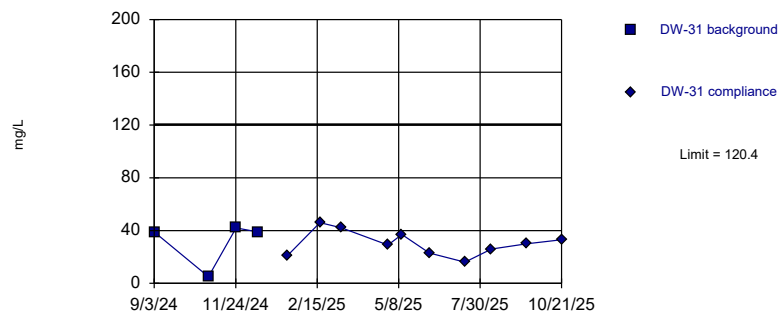
Background Data Summary (after Cohen's Adjustment): Mean=1.625, Std. Dev.=3.583, n=4, 50% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



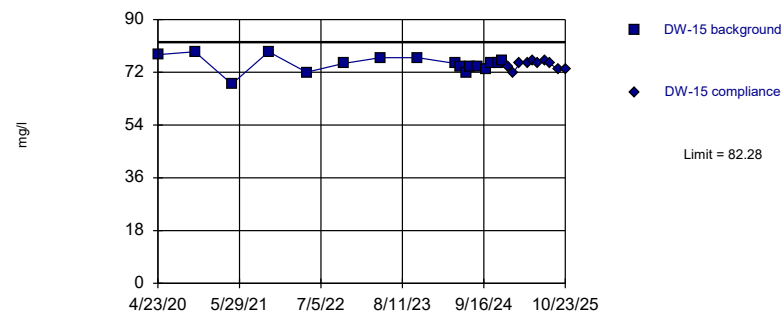
Background Data Summary: Mean=31.25, Std. Dev.=17.56, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chemical Oxygen Demand Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



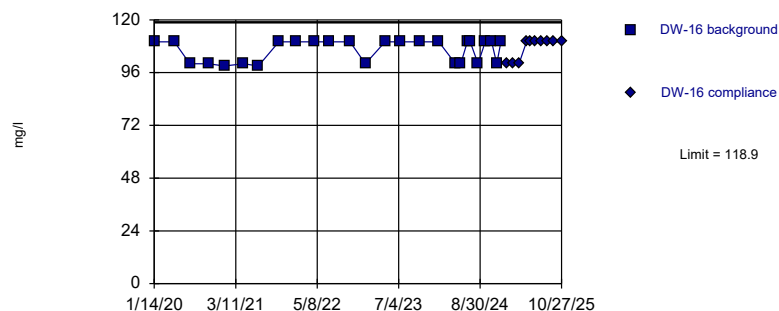
Background Data Summary: Mean=74.88, Std. Dev.=2.781, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



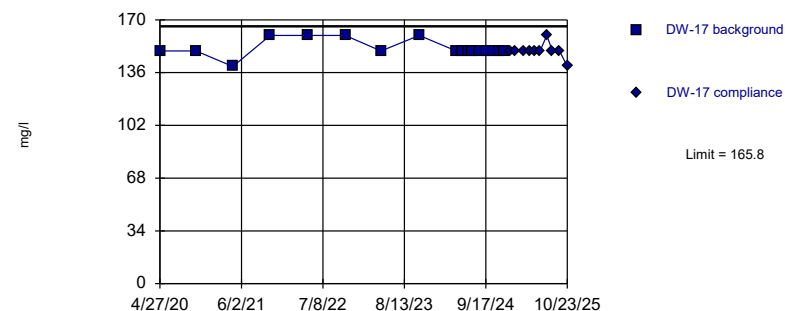
Background Data Summary: Mean=106.1, Std. Dev.=5.067, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



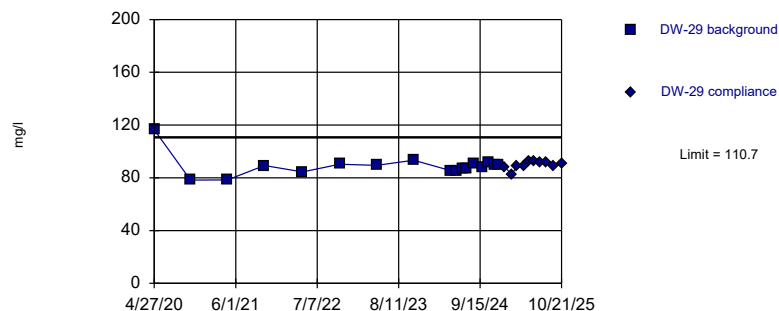
Background Data Summary: Mean=151.8, Std. Dev.=5.286, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



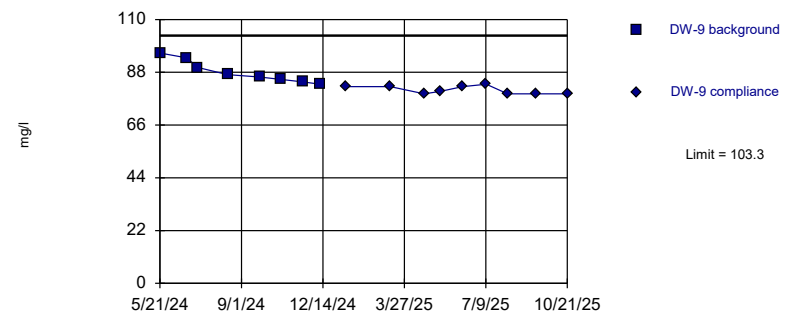
Background Data Summary: Mean=89.03, Std. Dev.=8.163, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



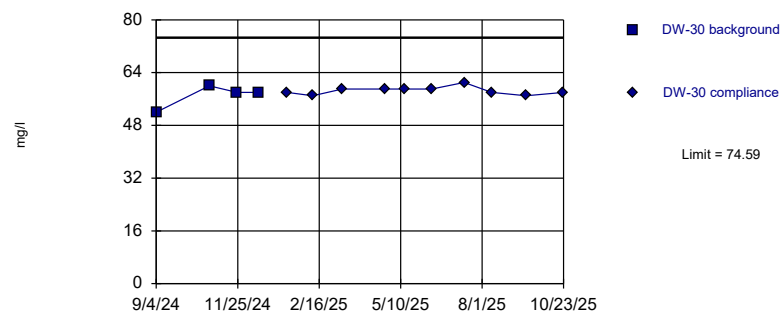
Background Data Summary: Mean=88.13, Std. Dev.=4.764, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



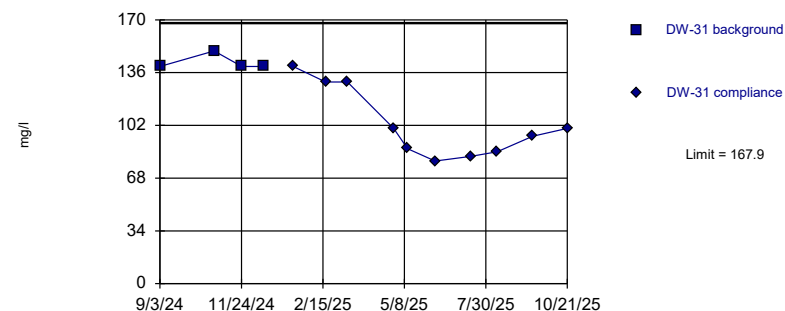
Background Data Summary: Mean=57, Std. Dev.=3.464, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



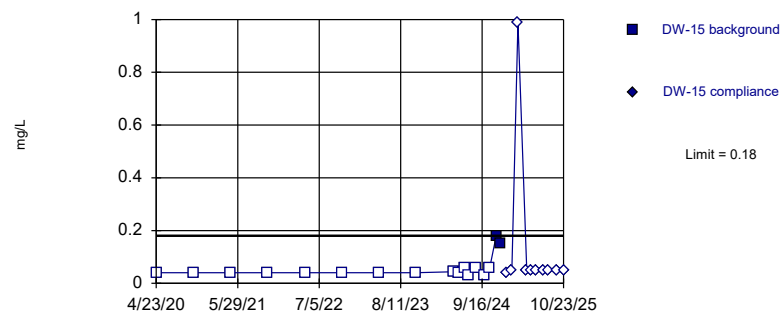
Background Data Summary: Mean=142.5, Std. Dev.=5, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Chloride Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Non-parametric



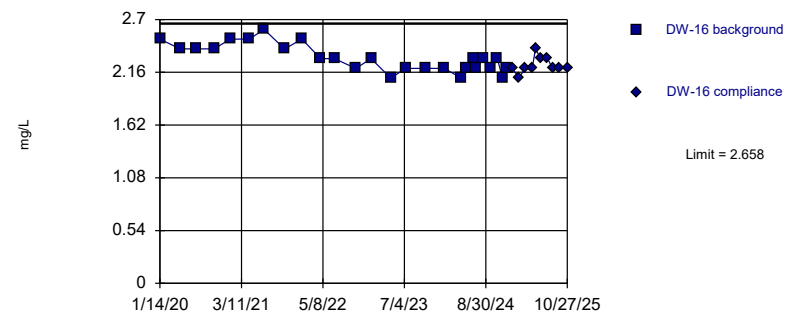
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 17 background values. 88.24% NDs. Report alpha = 0.05556. Most recent point compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Nitrate as N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



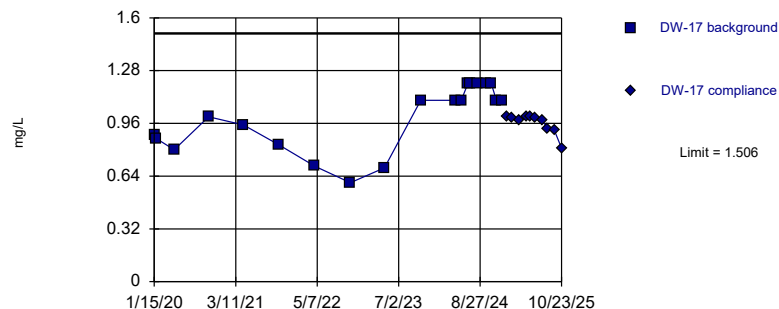
Background Data Summary: Mean=2.304, Std. Dev.=0.1399, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



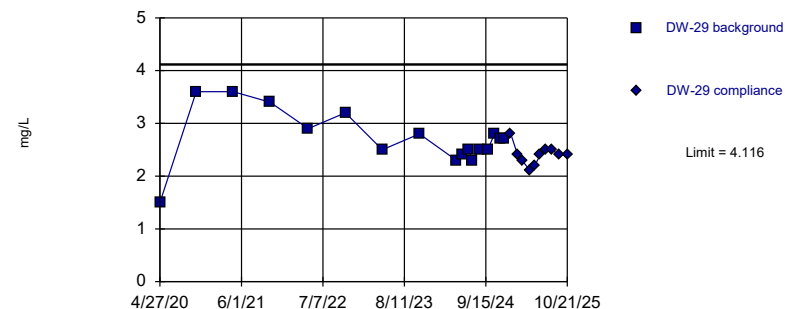
Background Data Summary: Mean=0.9911, Std. Dev.=0.1965, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



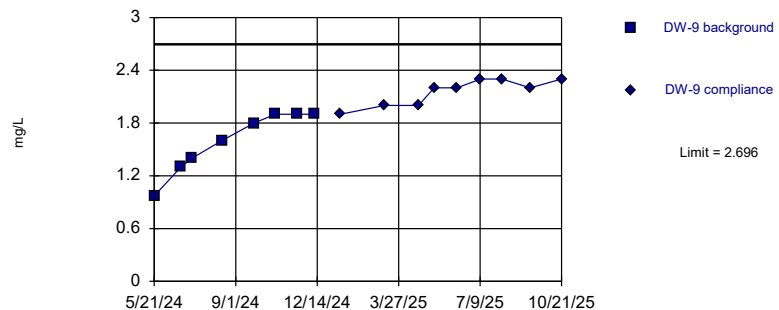
Background Data Summary: Mean=2.718, Std. Dev.=0.5259, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



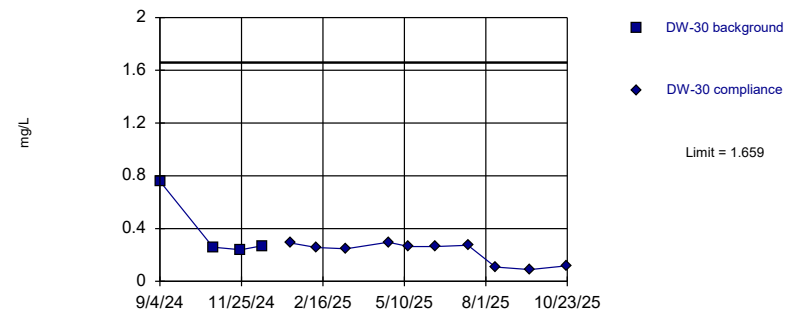
Background Data Summary: Mean=1.596, Std. Dev.=0.3457, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



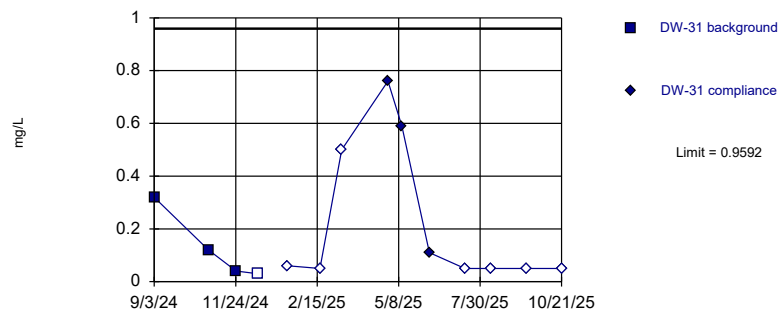
Background Data Summary: Mean=0.3816, Std. Dev.=0.2515, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



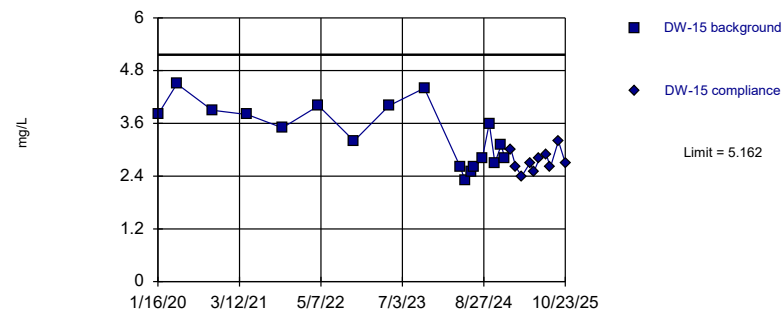
Background Data Summary (after Cohen's Adjustment): Mean=0.09929, Std. Dev.=0.1694, n=4, 25% NDs. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Nitrate as N Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



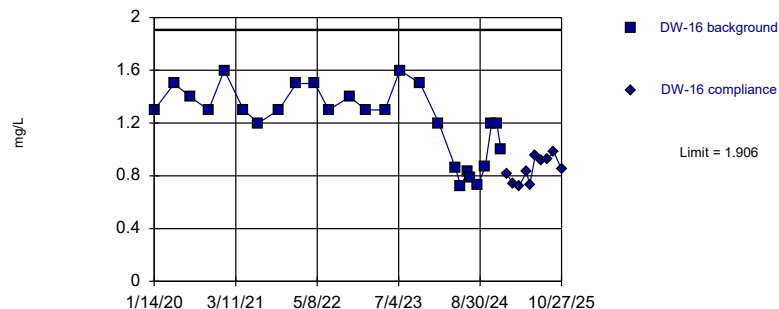
Background Data Summary: Mean=3.339, Std. Dev.=0.6912, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



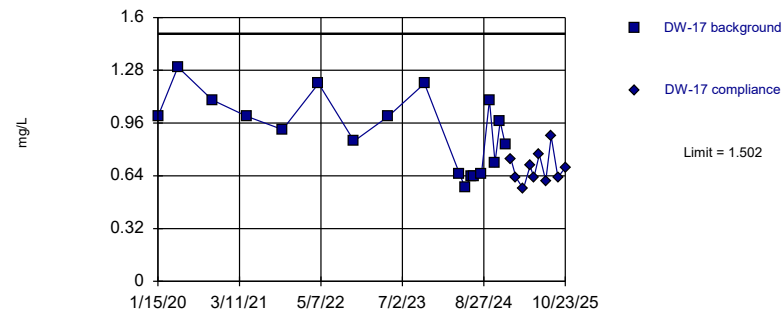
Background Data Summary: Mean=1.219, Std. Dev.=0.2714, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



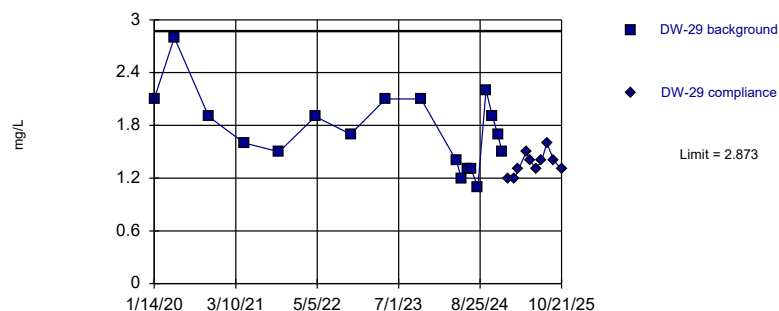
Background Data Summary: Mean=0.9078, Std. Dev.=0.2253, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Potassium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

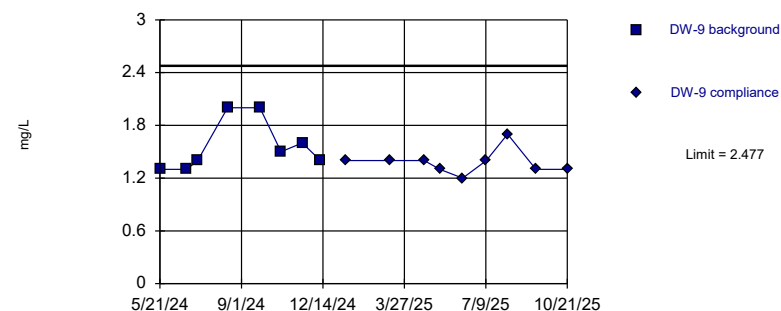


Background Data Summary: Mean=1.739, Std. Dev.=0.43, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.563, Std. Dev.=0.2875, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

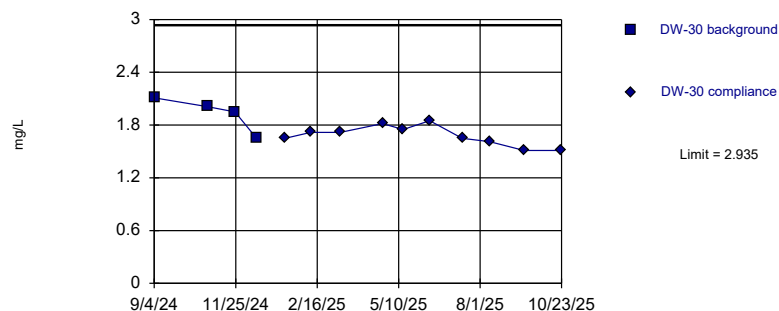
Constituent: Potassium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

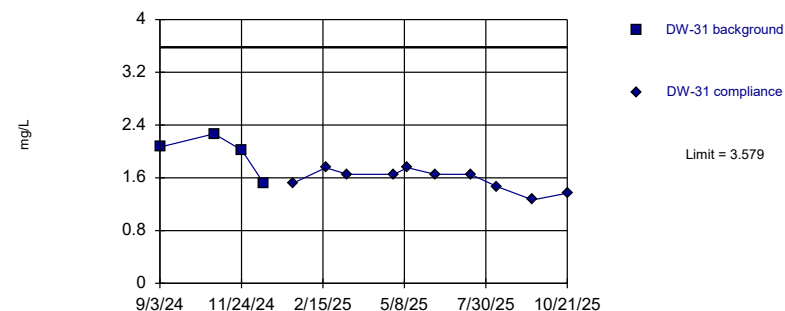


Background Data Summary: Mean=1.93, Std. Dev.=0.198, n=4. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=1.967, Std. Dev.=0.3175, 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.

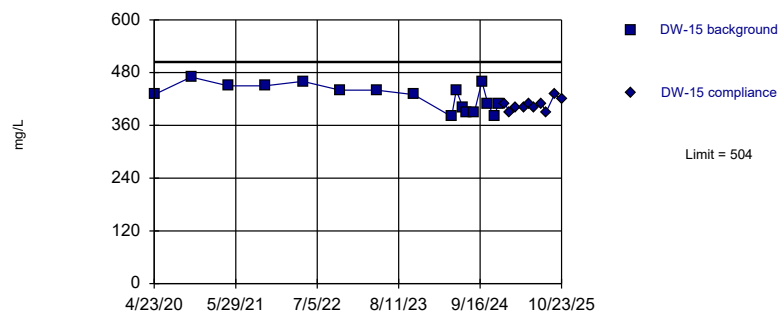
Constituent: Potassium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Constituent: Potassium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



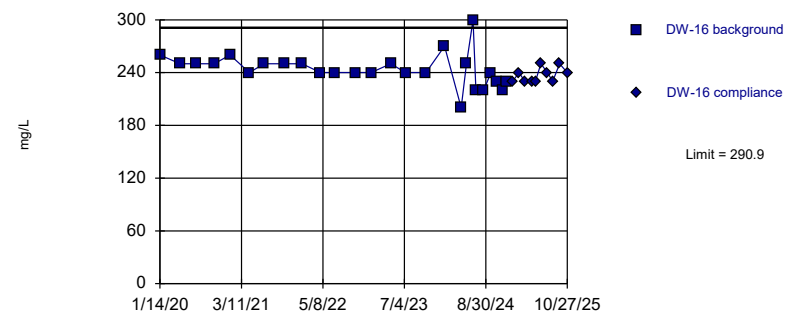
Background Data Summary: Mean=425.3, Std. Dev.=29.61, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



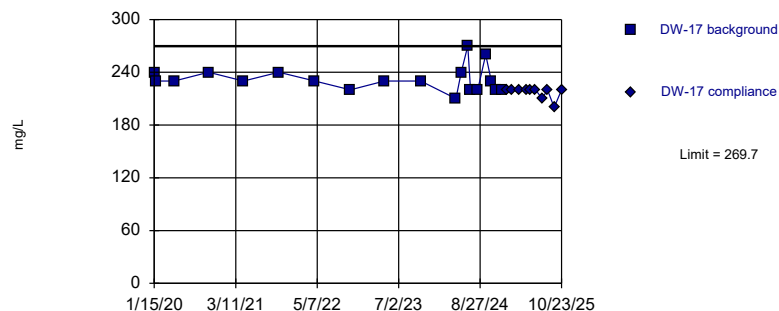
Background Data Summary: Mean=243.5, Std. Dev.=18.75, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



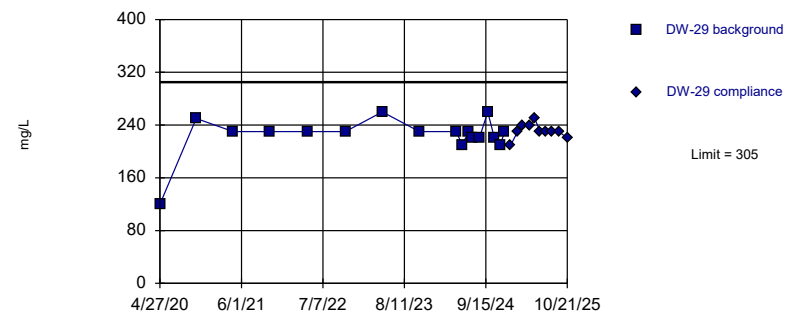
Background Data Summary: Mean=232.1, Std. Dev.=14.37, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



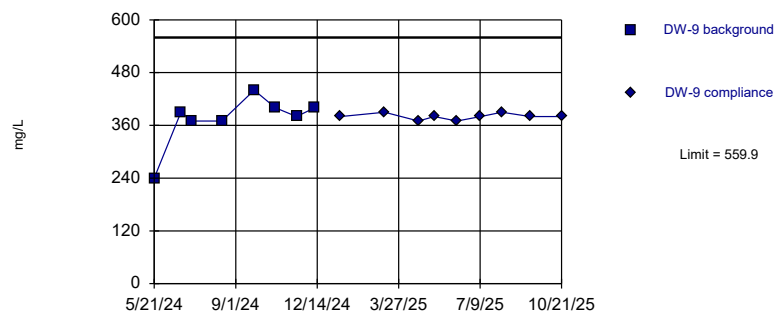
Background Data Summary: Mean=224.1, Std. Dev.=30.43, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



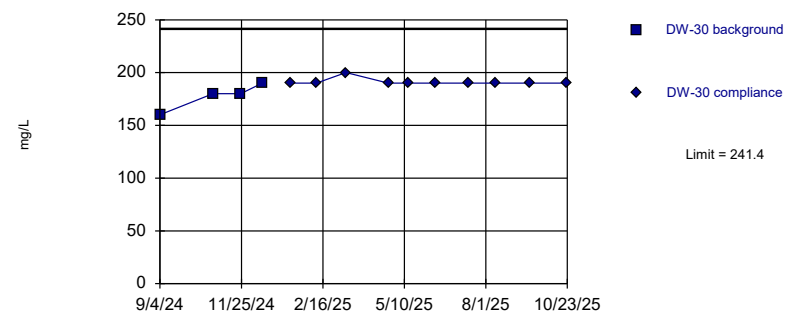
Background Data Summary: Mean=373.8, Std. Dev.=58.54, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



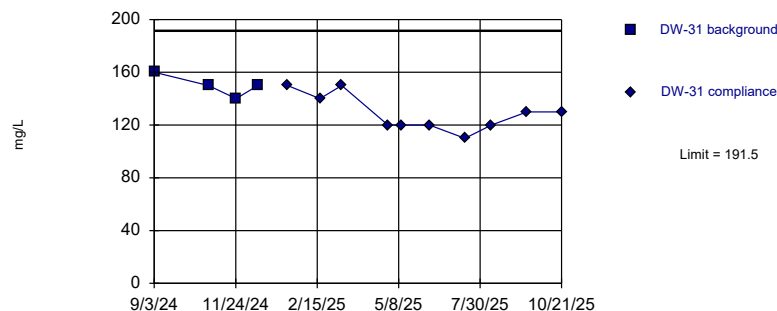
Background Data Summary: Mean=177.5, Std. Dev.=12.58, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



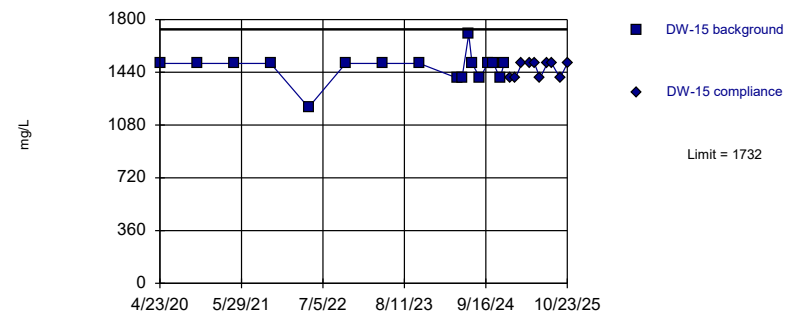
Background Data Summary: Mean=150, Std. Dev.=8.165, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sodium Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



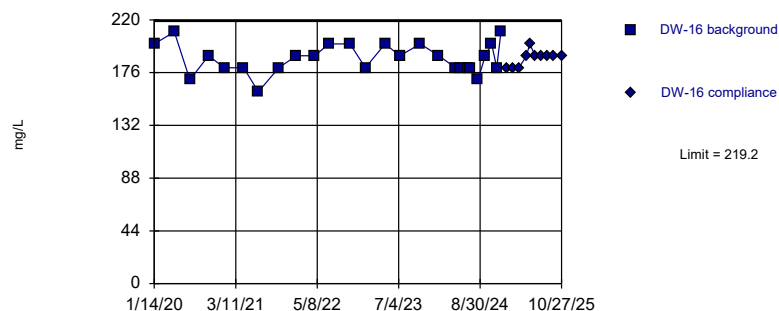
Background Data Summary: Mean=1471, Std. Dev.=98.52, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



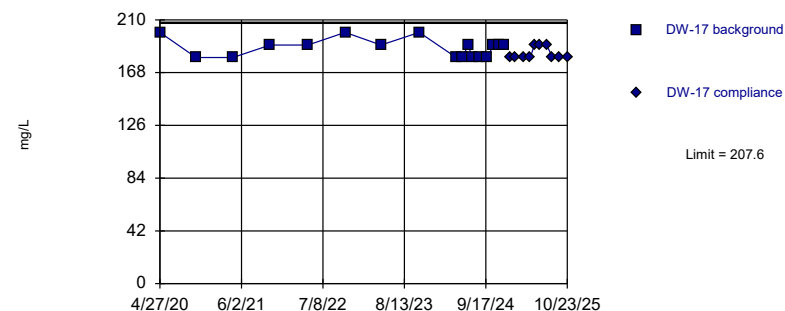
Background Data Summary: Mean=187.7, Std. Dev.=12.43, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



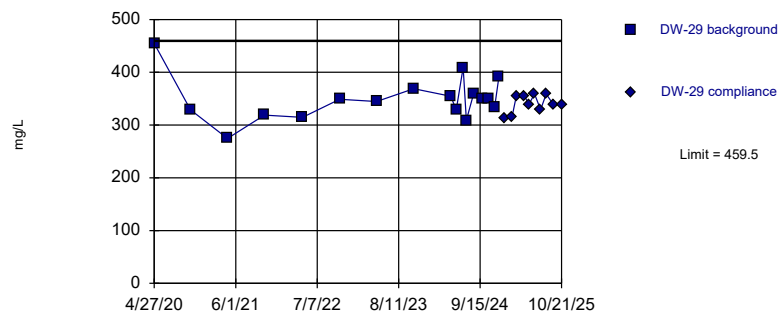
Background Data Summary: Mean=187.6, Std. Dev.=7.524, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



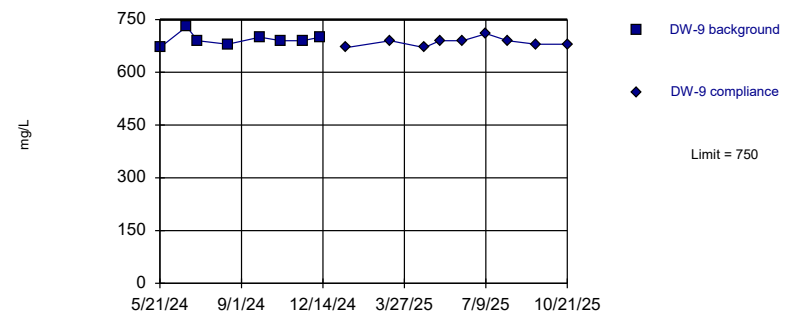
Background Data Summary: Mean=349.3, Std. Dev.=41.45, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



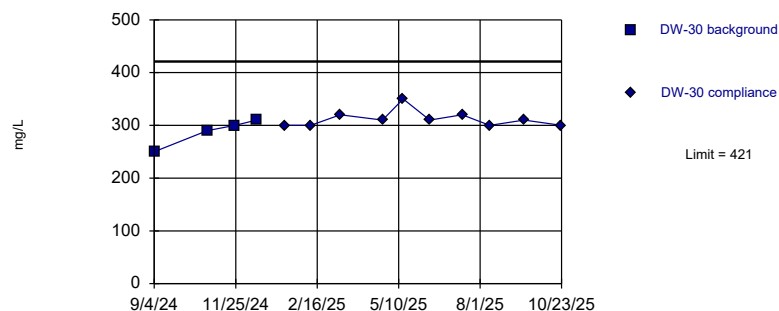
Background Data Summary: Mean=693.8, Std. Dev.=17.68, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



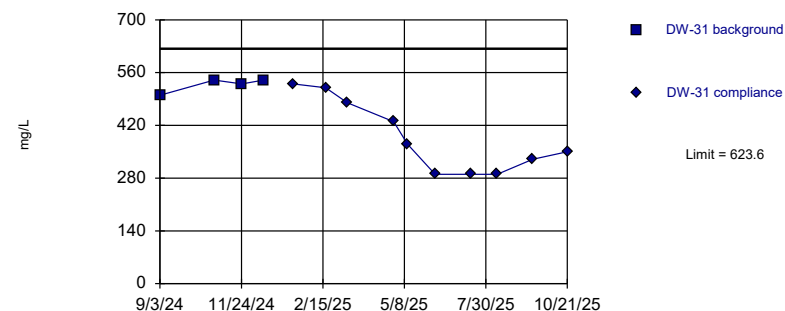
Background Data Summary: Mean=287.5, Std. Dev.=26.3, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



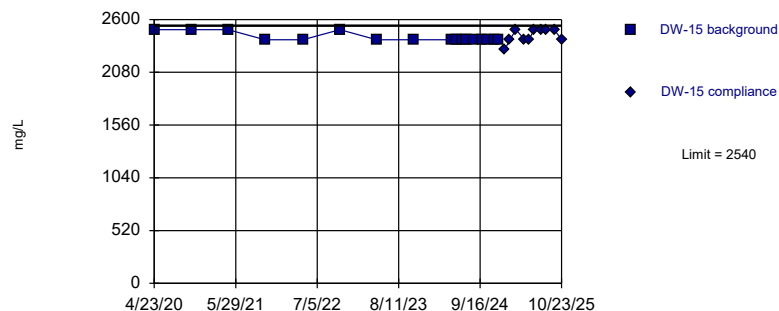
Background Data Summary: Mean=527.5, Std. Dev.=18.93, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Sulfate Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



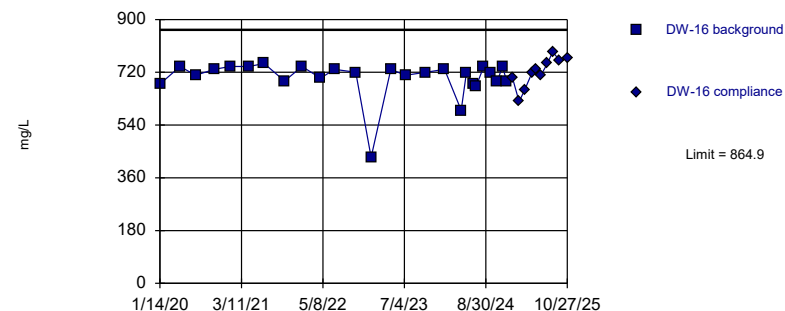
Background Data Summary: Mean=2424, Std. Dev.=43.72, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



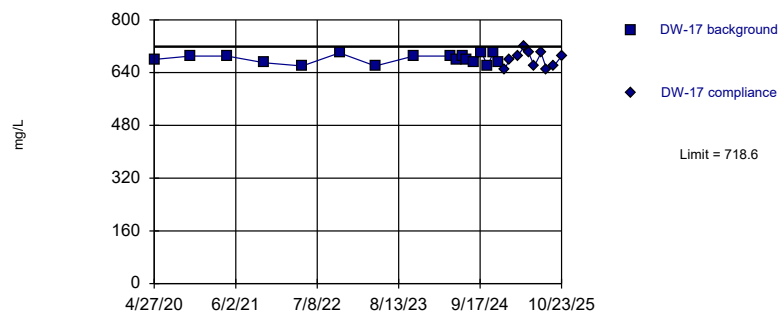
Background Data Summary: Mean=701.2, Std. Dev.=64.64, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



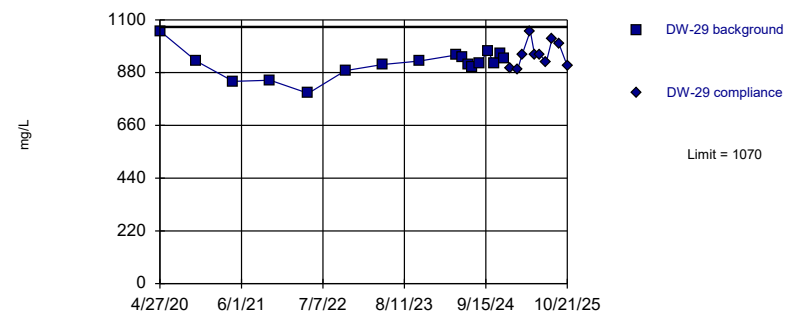
Background Data Summary: Mean=681.2, Std. Dev.=14.09, n=17. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



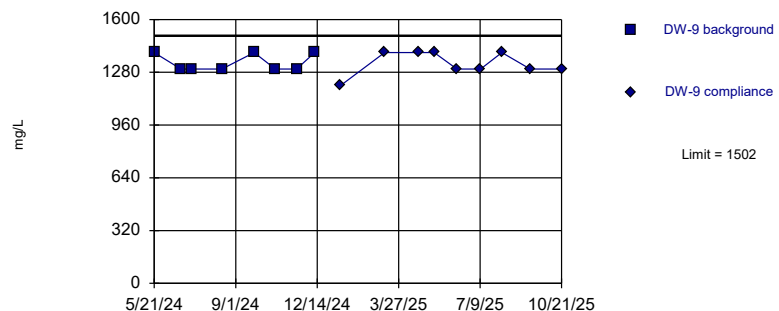
Background Data Summary: Mean=918.5, Std. Dev.=57.1, n=17. Seasonality was detected with 95% confidence and data were deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



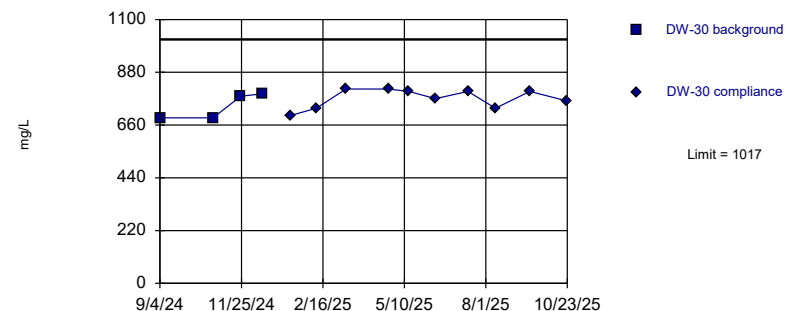
Background Data Summary: Mean=1338, Std. Dev.=51.75, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



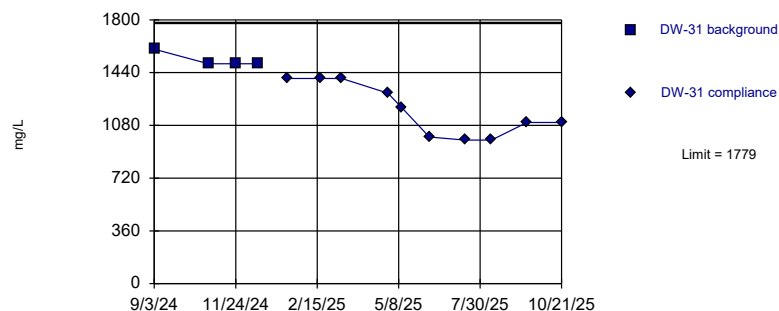
Background Data Summary: Mean=737.5, Std. Dev.=55, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



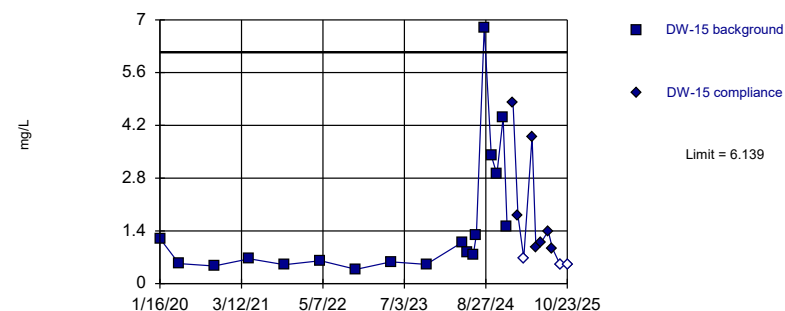
Background Data Summary: Mean=1525, Std. Dev.=50, n=4. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Dissolved Solids Analysis Run 12/27/2025 8:56 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



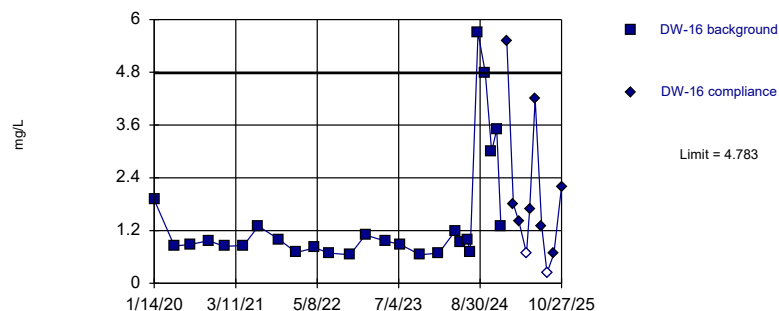
Background Data Summary: Mean=1.58, Std. Dev.=1.729, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 12/27/2025 8:57 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric



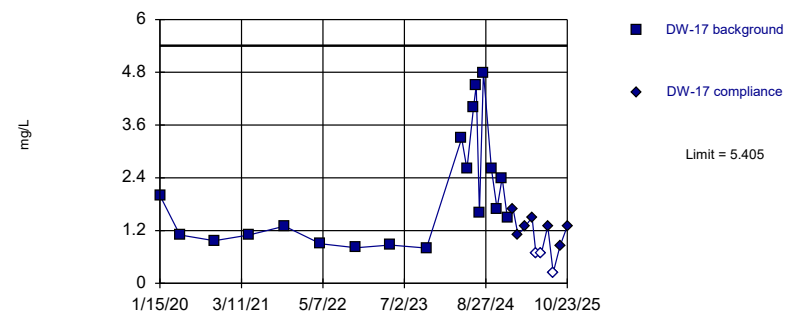
Background Data Summary: Mean=1.457, Std. Dev.=1.314, n=26. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 12/27/2025 8:57 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit

Intrawell Parametric

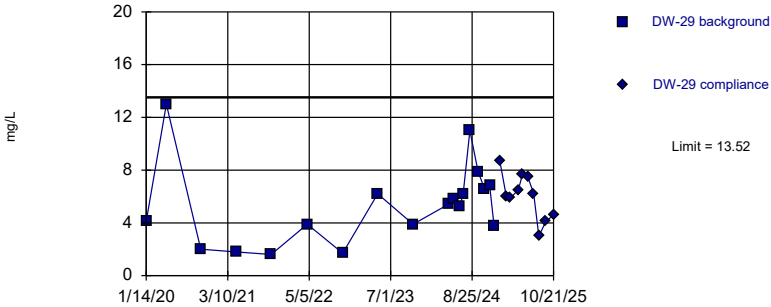


Background Data Summary: Mean=2.045, Std. Dev.=1.283, n=19. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 12/27/2025 8:57 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric

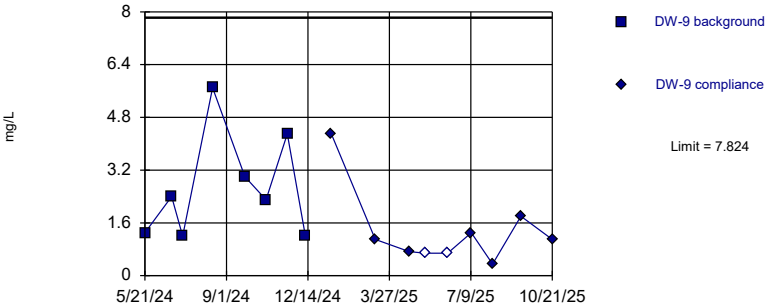


Background Data Summary: Mean=5.389, Std. Dev.=3.083, n=18. Seasonality was not detected with 95% confidence. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 12/27/2025 8:57 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=2.675, Std. Dev.=1.619, n=8. Insufficient data to test for seasonality: data were not deseasonalized. Normality test was disabled. Report alpha = 0.01. Most recent point compared to limit.

Constituent: Total Organic Carbon Analysis Run 12/27/2025 8:57 AM View: Stats - EMP
Chiquita Canyon LF Client: Chiquita Canyon LF Data: Stat file inorg MP2019